

## Approved American National Standards

### User Guide for Approved American National Standards (ANS) related Data

Listed below are Approved American National Standards (ANS) as of 1/26/2023. Additional information about these Approved ANS has been published in ANSI's Standards Action during the standards development cycle as indicated by the PINS Date and/or Public Review Start Date and Approval Date. To review this additional information, archived issues of ANSI's Standards Action in (PDF) format are available at ([www.ansi.org/standardsaction](http://www.ansi.org/standardsaction)). Questions concerning a particular ANS should be directed to the sponsoring ANSI-Accredited Standards Developer

Some approved ANS are available for purchase at <http://webstore.ansi.org/>.

The procedures that govern the ANS process are called the "ANSI Essential Requirements: Due process requirements for American National Standards" ANSI Essential Requirements. A list of all ASDs is available at [www.ansi.org/asd](http://www.ansi.org/asd). Questions concerning the ANS process may be directed to [psa@ansi.org](mailto:psa@ansi.org).

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### 3-A (3-A Sanitary Standards, Inc.)

6888 Elm Street, Suite 2D, McLean, VA 22101-3829 | w: [www.3-a.org](http://www.3-a.org)

- ▶ ANSI/3A 00-01-2018, 3-A Sanitary Standard for General Requirements (revision and redesignation of ANSI/3-A 00-00-2014)  
PINS Date: Dec 25, 2015 | Public Review Date: Oct 7, 2016 | Final Action Date: Feb 1, 2018 | [Approved](#)
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### A3 (Association for Advancing Automation)

900 Victors Way, Suite 140, Ann Arbor, MI 48108-5210 | w: [www.automate.org/robotics](http://www.automate.org/robotics)

- ▶ ANSI/RIA R15.06-2012, Industrial Robots and Robot Systems - Safety Requirements (national adoption of ISO 10218-1 & -2:2011 with modifications and revision of ANSI/RIA R15.06-1999 (R2009) & ANSI/RIA/ISO 10218-1-2007)  
PINS Date: Dec 11, 2009 | Public Review Date: Jul 20, 2012 | Final Action Date: Mar 28, 2013 | [Approved](#)
  - ▶ ANSI/RIA R15.08-1-2020, Industrial Mobile Robots -- Safety Requirements -- Part 1: Requirements for the IndustrialMobile Robot (new standard)  
PINS Date: Mar 6, 2015 | Public Review Date: Sep 18, 2020 | Final Action Date: Dec 18, 2020 | [Approved](#)
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### AA (ASC H35) (Aluminum Association)

1400 Crystal Drive, Suite 430,, Arlington, VA 22202 | w: [www.aluminum.org](http://www.aluminum.org)

- ▶ ANSI H35.1/H35.1(M)-2017, Standard Alloy and Temper Designation Systems for Aluminum (revision of ANSI H35.1/H35.1(M)-2013)  
PINS Date: Nov 18, 2016 | Public Review Date: Mar 31, 2017 | Final Action Date: Nov 14, 2017 | [Approved](#)
  - ▶ ANSI H35.2-2017, Standard Dimensional Tolerances for Aluminum Mill Products (revision of ANSI H35.2-2013)  
PINS Date: Nov 18, 2016 | Public Review Date: Mar 31, 2017 | Final Action Date: Nov 14, 2017 | [Approved](#)
  - ▶ ANSI H35.2M-2017, Standard Dimensional Tolerances for Aluminum Mill Products (revision of ANSI H35.2M-2013)  
PINS Date: Nov 18, 2016 | Public Review Date: Mar 31, 2017 | Final Action Date: Nov 14, 2017 | [Approved](#)
  - ▶ ANSI H35.3-2017, Standard Designation System for Aluminum Hardeners (revision of ANSI H35.3-1997 (R2013))  
PINS Date: Nov 18, 2016 | Public Review Date: Mar 31, 2017 | Final Action Date: Nov 14, 2017 | [Approved](#)
  - ▶ ANSI H35.4-2017, Standard Designation System for Unalloyed Aluminum (revision of ANSI H35.4-2006 (R2013))  
PINS Date: Nov 18, 2016 | Public Review Date: Mar 31, 2017 | Final Action Date: Nov 14, 2017 | [Approved](#)
  - ▶ ANSI H35.5-2013 (R2017), Standard Nomenclature System for Aluminum Metal Matrix Composite Materials (reaffirmation of ANSI H35.5-2013)  
PINS Date: Nov 18, 2016 | Public Review Date: Mar 31, 2017 | Final Action Date: Nov 14, 2017 | [Approved](#)
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**AABC (Associated Air Balance Council)**

2401 Pennsylvania Ave NW, Suite 330, Washington, DC 20037 | w: [www.aabc.com](http://www.aabc.com)

- ▶ ANSI/AABC MN-1-2016, AABC National Standards for Total System Balance, 7th Edition (new standard)  
PINS Date: Dec 28, 2012 | Public Review Date: Jun 26, 2015 | Final Action Date: Dec 4, 2015 | [Approved](#)

**AAFS (American Academy of Forensic Sciences)**

410 North 21st Street, Colorado Springs, CO 80904 | w: [www.aafs.org](http://www.aafs.org)

- ▶ ANSI/AAFS ASB BPR 052-2022, Best Practice Recommendation for the Detection and Collection of Footwear and Tire Impression Evidence (new standard)  
PINS Date: Nov 1, 2019 | Public Review Date: Feb 19, 2021 | Final Action Date: Feb 4, 2022 | [Approved](#)
- ▶ ANSI/AAFS ASB Std 111-2020, Standard for Training in Mitochondrial DNA (mtDNA) Analysis for Taxonomic Identification (new standard)  
PINS Date: Feb 8, 2019 | Public Review Date: Oct 18, 2019 | Final Action Date: Jun 22, 2020 | [Approved](#)
- ▶ ANSI/ASB Best Practice Recommendation 010-2018, Forensic Anthropology in Disaster Victim Identification: Best Practice Recommendations for the Medicolegal Authority (new standard)  
PINS Date: Oct 14, 2016 | Public Review Date: Dec 22, 2017 | Final Action Date: Oct 4, 2018 | [Approved](#)
- ▶ ANSI/ASB BPR 008-2021, Mass Fatality Scene Processing: Best Practice Recommendations for the Medicolegal Authority (new standard)  
PINS Date: Oct 14, 2016 | Public Review Date: Feb 5, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)
- ▶ ANSI/ASB BPR 021-2019, Best Practices for the Preparation of Test Impressions from Footwear and Tires (new standard)  
PINS Date: Feb 10, 2017 | Public Review Date: Nov 9, 2018 | Final Action Date: Sep 16, 2019 | [Approved](#)
- ▶ ANSI/ASB BPR 049-2020, Best Practice Recommendation for Lifting of Footwear and Tire Impression Evidence (new standard)  
PINS Date: Jun 21, 2019 | Public Review Date: Nov 15, 2019 | Final Action Date: Aug 7, 2020 | [Approved](#)
- ▶ ANSI/ASB BPR 050-2021, Best Practice Recommendation for Photographic Documentation of Footwear and Tire Impression Evidence (new standard)  
PINS Date: Jun 21, 2019 | Public Review Date: Sep 18, 2020 | Final Action Date: Aug 5, 2021 | [Approved](#)
- ▶ ANSI/ASB BPR 060-2021, Guidelines for Barrel and Overall Length Measurements for Firearms (new standard)  
PINS Date: Oct 5, 2018 | Public Review Date: Apr 30, 2021 | Final Action Date: Dec 15, 2021 | [Approved](#)
- ▶ ANSI/ASB BPR 068-2020, Safe Handling of Firearms and Ammunition (new standard)  
PINS Date: May 25, 2018 | Public Review Date: May 24, 2019 | Final Action Date: Aug 27, 2020 | [Approved](#)
- ▶ ANSI/ASB BPR 089-2020, Best Practice Recommendation for Facial Approximation in Forensic Anthropology (new standard)  
PINS Date: Nov 2, 2018 | Public Review Date: Aug 30, 2019 | Final Action Date: Jun 30, 2020 | [Approved](#)
- ▶ ANSI/ASB BPR 094-2021, Postmortem Impression Recovery: Guidance and Best Practices for Disaster Victim Identification (new standard)  
PINS Date: Aug 3, 2018 | Public Review Date: May 29, 2020 | Final Action Date: Jul 26, 2021 | [Approved](#)
- ▶ ANSI/ASB BPR 107-2022, Best Practice Recommendation for Measuring Trigger Pull of a Firearm and Estimating Its Uncertainty (new standard)  
PINS Date: Dec 21, 2018 | Public Review Date: Apr 1, 2022 | Final Action Date: Oct 4, 2022 | [Approved](#)

**AAFS (American Academy of Forensic Sciences)**

- ▶ ANSI/ASB BPR 108-2021, Forensic Odontology in Disaster Victim Identification: Best Practice Recommendations for the Medicolegal Authority (new standard)  
PINS Date: Oct 19, 2018 | Public Review Date: Jan 8, 2021 | Final Action Date: Dec 9, 2021 | [Approved](#)

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- ▶ ANSI/ASB BPR 114-2022, Best Practice Recommendations for Internal Validation of Software used in Forensic DNA Laboratories (new standard)  
PINS Date: Aug 2, 2019 | Public Review Date: Sep 10, 2021 | Final Action Date: Oct 4, 2022 | [Approved](#)

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- ▶ ANSI/ASB BPR 126-2020, Best Practice Recommendation for Casting of Footwear and Tire Impression Evidence (new standard)  
PINS Date: Aug 2, 2019 | Public Review Date: Nov 29, 2019 | Final Action Date: Oct 29, 2020 | [Approved](#)

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- ▶ ANSI/ASB BPR 142-2022, Best Practice Recommendations for the Resolution of Conflicts in Friction Ridge Examination (new standard)  
PINS Date: May 29, 2020 | Public Review Date: Mar 25, 2022 | Final Action Date: Dec 5, 2022 | [Approved](#)

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- ▶ ANSI/ASB BPR 144-2022, Best Practice Recommendations for the Verification Component in Friction Ridge Examination (new standard)  
PINS Date: May 15, 2020 | Public Review Date: Mar 25, 2022 | Final Action Date: Dec 5, 2022 | [Approved](#)

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- ▶ ANSI/ASB Std 006-2019, Best Practice Recommendation for DNA Analysis for Human Identification in Mass Fatality Incidents (new standard)  
PINS Date: Oct 14, 2016 | Public Review Date: Jun 29, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)

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- ▶ ANSI/ASB Std 007-2018, Postmortem Impression Submission Strategy for Comprehensive Searches of Essential Automated Fingerprint Identification System Databases (new standard)  
PINS Date: Oct 14, 2016 | Public Review Date: May 26, 2017 | Final Action Date: May 17, 2018 | [Approved](#)

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- ▶ ANSI/ASB Std 009-2019, Examination Of Human Remains By Forensic Pathologists In The Disaster Victim Identification Context (new standard)  
PINS Date: Oct 14, 2016 | Public Review Date: Dec 15, 2017 | Final Action Date: Feb 5, 2019 | [Approved](#)

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- ▶ ANSI/ASB Std 011-2022, Scope of Expertise in Forensic Document Examination (new standard)  
PINS Date: Oct 28, 2016 | Public Review Date: Oct 26, 2018 | Final Action Date: Aug 9, 2022 | [Approved](#)

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- ▶ ANSI/ASB Std 017-2018, Standard Practices for Measurement Traceability in Forensic Toxicology (new standard)  
PINS Date: Dec 2, 2016 | Public Review Date: Dec 8, 2017 | Final Action Date: Jun 13, 2018 | [Approved](#)

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- ▶ ANSI/ASB Std 018-2020, Validation Standards for Probabilistic Genotyping Systems (new standard)  
PINS Date: Dec 2, 2016 | Public Review Date: Nov 15, 2019 | Final Action Date: Jul 15, 2020 | [Approved](#)

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- ▶ ANSI/ASB Std 019-2019, Wildlife Forensics General Standards (new standard)  
PINS Date: Dec 9, 2016 | Public Review Date: Oct 12, 2018 | Final Action Date: May 3, 2019 | [Approved](#)

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- ▶ ANSI/ASB Std 020-2018, Standards for Validation Studies of DNA Mixtures for the Development and Verification of a Laboratory Mixture Interpretation Protocol (new standard)  
PINS Date: Dec 23, 2016 | Public Review Date: Dec 8, 2017 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ ANSI/ASB Std 022-2019, Standard for Forensic DNA Analysis Training Programs (new standard)  
PINS Date: Mar 17, 2017 | Public Review Date: Oct 5, 2018 | Final Action Date: Jul 26, 2019 | [Approved](#)

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- ▶ ANSI/ASB Std 023-2020, Standard for Training in Forensic DNA Isolation and Purification Methods (new standard)  
PINS Date: Mar 17, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Jun 22, 2020 | [Approved](#)

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- ▶ ANSI/ASB Std 024-2021, Standard for Training and Certification of Canine Detection of Humans: Location Check Using Prescended Canines (new standard)  
PINS Date: Mar 17, 2017 | Public Review Date: Mar 19, 2021 | Final Action Date: Dec 9, 2021 | [Approved](#)

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**AAFS (American Academy of Forensic Sciences)**

- ▶ ANSI/ASB Std 026-2021, Standard for Training and Certification of Canine Detection of Humans: An Aged Trail Using Pre-scented Canines (new standard)

PINS Date: Mar 17, 2017 | Public Review Date: Mar 19, 2021 | Final Action Date: Dec 9, 2021 | [Approved](#)

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- ▶ ANSI/ASB Std 027-2021, Standard for Training and Certification of Canine Detection of Humans: Patrol Canine Team (new standard)

PINS Date: Feb 9, 2018 | Public Review Date: Mar 19, 2021 | Final Action Date: Dec 13, 2021 | [Approved](#)

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- ▶ ANSI/ASB Std 028-2019, Wildlife Forensics Morphology Standard (new standard)

PINS Date: Jun 2, 2017 | Public Review Date: Oct 12, 2018 | Final Action Date: May 3, 2019 | [Approved](#)

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- ▶ ANSI/ASB Std 029-2019, Report Writing in Wildlife Forensics: Morphology and Genetics (new standard)

PINS Date: Jun 2, 2017 | Public Review Date: Oct 12, 2018 | Final Action Date: May 3, 2019 | [Approved](#)

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- ▶ ANSI/ASB Std 030-2019, Standards for a Quality Assurance Program in Bloodstain Pattern Analysis (new standard)

PINS Date: Mar 23, 2018 | Public Review Date: Aug 23, 2019 | Final Action Date: Dec 16, 2019 | [Approved](#)

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- ▶ ANSI/ASB Std 031-2020, Guidelines for Report Writing in Bloodstain Pattern Analysis (new standard)

PINS Date: Mar 23, 2018 | Public Review Date: Sep 27, 2019 | Final Action Date: Jun 24, 2020 | [Approved](#)

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- ▶ ANSI/ASB Std 032-2020, Standards for a Bloodstain Pattern Analyst™s Training Program (new standard)

PINS Date: Apr 27, 2018 | Public Review Date: Aug 9, 2019 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/ASB Std 035-2020, Standard for the Examination of Documents for Alterations (new standard)

PINS Date: Jun 23, 2017 | Public Review Date: Dec 7, 2018 | Final Action Date: Sep 18, 2020 | [Approved](#)

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- ▶ ANSI/ASB Std 036-2019, Standard Practices for Method Validation in Forensic Toxicology (new standard)

PINS Date: Jun 9, 2017 | Public Review Date: Sep 21, 2018 | Final Action Date: Oct 29, 2019 | [Approved](#)

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- ▶ ANSI/ASB Std 037-2019, Guidelines for Opinions and Testimony in Forensic Toxicology (new standard)

PINS Date: Jun 9, 2017 | Public Review Date: Jun 22, 2018 | Final Action Date: Jan 18, 2019 | [Approved](#)

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- ▶ ANSI/ASB Std 038-2020, Standards for Internal Validation of Forensic DNA Testing Methods (new standard)

PINS Date: Jul 14, 2017 | Public Review Date: Mar 27, 2020 | Final Action Date: Aug 27, 2020 | [Approved](#)

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- ▶ ANSI/ASB Std 040-2019, Standards for Forensic DNA Interpretation and Comparison Protocols (new standard)

PINS Date: Jul 14, 2017 | Public Review Date: Oct 5, 2018 | Final Action Date: Sep 26, 2019 | [Approved](#)

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- ▶ ANSI/ASB Std 044-2019, Standard for the Examination of Documents for Indentations (new standard)

PINS Date: Feb 23, 2018 | Public Review Date: Oct 26, 2018 | Final Action Date: Dec 16, 2019 | [Approved](#)

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- ▶ ANSI/ASB Std 045-2019, Standard for Stature Estimation in Forensic Anthropology (new standard)

PINS Date: Aug 31, 2018 | Public Review Date: Oct 26, 2018 | Final Action Date: Feb 8, 2019 | [Approved](#)

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- ▶ ANSI/ASB Std 046-2019, Wildlife Forensics Validation Standards-- STR Analysis (new standard)

PINS Date: Jul 28, 2017 | Public Review Date: Aug 10, 2018 | Final Action Date: May 3, 2019 | [Approved](#)

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- ▶ ANSI/ASB Std 047-2019, Wildlife Forensics Validation Standard Validating New Primers for Sequencing (new standard)

PINS Date: Jul 28, 2017 | Public Review Date: Aug 10, 2018 | Final Action Date: May 3, 2019 | [Approved](#)

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- ▶ ANSI/ASB Std 048-2019, Wildlife Forensic DNA Standard Procedures (new standard)

PINS Date: Jul 28, 2017 | Public Review Date: Aug 10, 2018 | Final Action Date: May 3, 2019 | [Approved](#)

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- ▶ ANSI/ASB Std 053-2020, Standard for Report Content in Forensic Toxicology (new standard)

PINS Date: May 18, 2018 | Public Review Date: Jan 24, 2020 | Final Action Date: Aug 17, 2020 | [Approved](#)

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**AAFS (American Academy of Forensic Sciences)**

- ▶ ANSI/ASB Std 054-2021, Standard for a Quality Control Program in Forensic Toxicology Laboratories (new standard)  
PINS Date: May 18, 2018 | Public Review Date: Apr 30, 2021 | Final Action Date: Sep 24, 2021 | [Approved](#)
- ▶ ANSI/ASB Std 061-2021, Firearms and Toolmarks 3D Measurement Systems and Measurement Quality Control (new standard)  
PINS Date: May 25, 2018 | Public Review Date: Nov 27, 2020 | Final Action Date: Oct 15, 2021 | [Approved](#)
- ▶ ANSI/ASB Std 062-2021, Standard for Topography Comparison Software for Firearm and Toolmark Analysis (new standard)  
PINS Date: Oct 19, 2018 | Public Review Date: Mar 27, 2020 | Final Action Date: Oct 15, 2021 | [Approved](#)
- ▶ ANSI/ASB Std 063-2021, Implementation of 3D Technologies in Forensic Firearm and Toolmark Comparison Laboratories. (new standard)  
PINS Date: Jul 27, 2018 | Public Review Date: Mar 27, 2020 | Final Action Date: Oct 15, 2021 | [Approved](#)
- ▶ ANSI/ASB Std 070-2022, Standard for Examination of Handwritten Items (new standard)  
PINS Date: May 18, 2018 | Public Review Date: Feb 18, 2022 | Final Action Date: Oct 4, 2022 | [Approved](#)
- ▶ ANSI/ASB Std 072-2019, Standards for the Validation of Procedures in Bloodstain Pattern Analysis (new standard)  
PINS Date: Apr 6, 2018 | Public Review Date: Aug 10, 2018 | Final Action Date: May 3, 2019 | [Approved](#)
- ▶ ANSI/ASB Std 077-2020, Standard for the Developmental and Internal Validation of Forensic Serological Methods (new standard)  
PINS Date: Aug 24, 2018 | Public Review Date: Feb 7, 2020 | Final Action Date: Sep 16, 2020 | [Approved](#)
- ▶ ANSI/ASB Std 085-2021, Standard for Detection Canine Selection, Kenneling, and Healthcare (new standard)  
PINS Date: Apr 27, 2018 | Public Review Date: Jun 4, 2021 | Final Action Date: Sep 24, 2021 | [Approved](#)
- ▶ ANSI/ASB Std 088-2020, General Guidelines for Training, Certification, and Documentation of Canine Detection Disciplines (new standard)  
PINS Date: May 11, 2018 | Public Review Date: Jul 12, 2019 | Final Action Date: Feb 13, 2020 | [Approved](#)
- ▶ ANSI/ASB Std 090-2019, Standard for Sex Estimation in Forensic Anthropology (new standard)  
PINS Date: Aug 31, 2018 | Public Review Date: Dec 14, 2018 | Final Action Date: Dec 16, 2019 | [Approved](#)
- ▶ ANSI/ASB Std 092-2021, Standard for Training and Certification of Canine Detection of Explosives (new standard)  
PINS Date: May 10, 2019 | Public Review Date: Jun 4, 2021 | Final Action Date: Dec 14, 2021 | [Approved](#)
- ▶ ANSI/ASB STD 093-2020, Standard Test Method for the Examination and Testing of Firearms (new standard)  
PINS Date: Jul 27, 2018 | Public Review Date: Mar 20, 2020 | Final Action Date: Nov 17, 2020 | [Approved](#)
- ▶ ANSI/ASB Std 095-2020, Standard for Minimum Qualifications and Training for a Footwear/Tire Forensic Science Service Provider. (new standard)  
PINS Date: Jul 20, 2018 | Public Review Date: Sep 6, 2019 | Final Action Date: Aug 7, 2020 | [Approved](#)
- ▶ ANSI/ASB STD 096-2022, Standard Method for the Examination and Documentation of Ammunition and Ammunition Components (new standard)  
PINS Date: Dec 20, 2019 | Public Review Date: Aug 6, 2021 | Final Action Date: Feb 4, 2022 | [Approved](#)
- ▶ ANSI/ASB Std 099-2020, Standard for Footwear/Tire Examination Proficiency Testing Program (new standard)  
PINS Date: Aug 31, 2018 | Public Review Date: Aug 2, 2019 | Final Action Date: Aug 7, 2020 | [Approved](#)
- ▶ ANSI/ASB Std 105-2021, Minimum Education Requirements for Firearm and Toolmark Examiner Trainees (new standard)  
PINS Date: Nov 9, 2018 | Public Review Date: Aug 30, 2019 | Final Action Date: Sep 17, 2021 | [Approved](#)

**AAFS (American Academy of Forensic Sciences)**

- ▶ ANSI/ASB Std 106-2020, Wildlife Forensic-Protein Serology Method for Taxonomic Identification. (new standard)  
PINS Date: Sep 21, 2018 | Public Review Date: Jun 14, 2019 | Final Action Date: Jan 6, 2020 | [Approved](#)

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- ▶ ANSI/ASB Std 110-2020, Standard for Training in Forensic Serological Methods (new standard)  
PINS Date: Dec 14, 2018 | Public Review Date: Feb 7, 2020 | Final Action Date: Aug 27, 2020 | [Approved](#)

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- ▶ ANSI/ASB Std 115-2020, Standard for Training in Forensic Short Tandem Repeat Typing Methods using Amplification, DNA Separation, and Allele Detection. (new standard)  
PINS Date: Apr 12, 2019 | Public Review Date: Aug 16, 2019 | Final Action Date: Aug 27, 2020 | [Approved](#)

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- ▶ ANSI/ASB Std 116-2020, Standard for Training in Forensic DNA Quantification Methods. (new standard)  
PINS Date: May 31, 2019 | Public Review Date: Feb 7, 2020 | Final Action Date: Aug 27, 2020 | [Approved](#)

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- ▶ ANSI/ASB STD 117-2020, Standard for the Examination of Stamp Impressions and Stamping Devices (new standard)  
PINS Date: Apr 26, 2019 | Public Review Date: Feb 7, 2020 | Final Action Date: Aug 27, 2020 | [Approved](#)

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- ▶ ANSI/ASB Std 119-2021, Standard for the Analytical Scope and Sensitivity of Forensic Toxicology Testing for Medicolegal Death Investigations. (new standard)  
PINS Date: Jun 14, 2019 | Public Review Date: Dec 18, 2020 | Final Action Date: Aug 5, 2021 | [Approved](#)

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- ▶ ANSI/ASB Std 120-2021, Standard for the Analytical Scope and Sensitivity of Forensic Toxicological Testing of Blood in Impaired Driving Investigations. (new standard)  
PINS Date: Jun 14, 2019 | Public Review Date: Jul 24, 2020 | Final Action Date: Jul 28, 2021 | [Approved](#)

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- ▶ ANSI/ASB Std 121-2021, Standard for the Analytical Scope and Sensitivity of Forensic Toxicological Urine Testing of Urine in Drug-Facilitated Crime Investigations. (new standard)  
PINS Date: Jun 14, 2019 | Public Review Date: Mar 19, 2021 | Final Action Date: Sep 20, 2021 | [Approved](#)

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- ▶ ANSI/ASB Std 125-2021, Organizational and Foundational Standard for Medicolegal Death Investigation (new standard)  
PINS Date: Aug 2, 2019 | Public Review Date: Sep 18, 2020 | Final Action Date: Dec 15, 2021 | [Approved](#)

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- ▶ ANSI/ASB Std 127-2022, Standard for the Preservation and Examination of Charred Documents (new standard)  
PINS Date: Feb 28, 2020 | Public Review Date: Jan 7, 2022 | Final Action Date: Oct 4, 2022 | [Approved](#)

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- ▶ ANSI/ASB Std 128-2022, Standard for the Preservation and Examination of Liquid Soaked Documents (new standard)  
PINS Date: Feb 28, 2020 | Public Review Date: Jan 7, 2022 | Final Action Date: Oct 4, 2022 | [Approved](#)

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- ▶ ANSI/ASB Std 130-2021, Standard for Training in Forensic DNA Amplification Methods for Subsequent Capillary Electrophoresis Sequencing (new standard)  
PINS Date: Sep 27, 2019 | Public Review Date: Sep 11, 2020 | Final Action Date: May 6, 2021 | [Approved](#)

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- ▶ ANSI/ASB Std 131-2021, Standard for Training in Forensic DNA Sequencing using Capillary Electrophoresis (new standard)  
PINS Date: Sep 27, 2019 | Public Review Date: Sep 11, 2020 | Final Action Date: Aug 5, 2021 | [Approved](#)

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- ▶ ANSI/ASB Std 134-2021, Standard for Analyzing Pathological Conditions and Anomalies in Forensic Anthropology. (new standard)  
PINS Date: Nov 15, 2019 | Public Review Date: Oct 2, 2020 | Final Action Date: May 6, 2021 | [Approved](#)

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- ▶ ANSI/ASB Std 138-2022, Standard for Collection of Known DNA Samples from Domestic Mammals (new standard)  
PINS Date: Oct 25, 2019 | Public Review Date: Nov 12, 2021 | Final Action Date: May 4, 2022 | [Approved](#)

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- ▶ ANSI/ASB Std 140-2021, Standard for Training in Forensic Human Mitochondrial DNA Analysis, Interpretation, Comparison, Statistical Evaluation, and Reporting (new standard)  
PINS Date: Apr 17, 2020 | Public Review Date: Apr 16, 2021 | Final Action Date: Sep 24, 2021 | [Approved](#)

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**AAFS (American Academy of Forensic Sciences)**

- ▶ ANSI/ASB Std 146-2021, Standard for Resolving Commingled Remains in Forensic Anthropology (new standard)  
PINS Date: May 29, 2020 | Public Review Date: Jun 4, 2021 | Final Action Date: Sep 24, 2021 | [Approved](#)
- ▶ ANSI/ASB Std 149-2022, Standard for Taphonomic Observations in Support of the Postmortem Interval (new standard)  
PINS Date: Jun 26, 2020 | Public Review Date: Dec 3, 2021 | Final Action Date: Jun 9, 2022 | [Approved](#)
- ▶ ANSI/ASB Std 150-2021, Standard for Determination of Medicolegal Significance from Skeletal Remains in Forensic Anthropology (new standard)  
PINS Date: Jun 26, 2020 | Public Review Date: Feb 5, 2021 | Final Action Date: Sep 24, 2021 | [Approved](#)
- ▶ ANSI/ASB Std 152-2021, Standard for the Minimum Content Requirements of Forensic Toxicology Procedures (new standard)  
PINS Date: Jun 12, 2020 | Public Review Date: May 21, 2021 | Final Action Date: Sep 24, 2021 | [Approved](#)

**AAMI (Association for the Advancement of Medical Instrumentation)**

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | w: [www.aami.org](http://www.aami.org)

- ▶ ANSI/AAM/IEC 60601-1-2-2014, Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral standard: Electromagnetic disturbances - Requirements and tests (identical national adoption of IEC 60601-1-2 and revision of ANSI/AAMI/IEC 60601-1-2, Ed.2-2007 (R2012))  
Public Review Date: Aug 17, 2012 | Final Action Date: May 8, 2014 | [Approved](#)
- ▶ ANSI/AAMI 2700-1-2019, Medical Devices and Medical Systems — Essential safety requirements for equipment comprising the patient-centric integrated clinical environment (ICE) — Part 1: General requirements and conceptual model (new standard)  
PINS Date: Dec 28, 2018 | Public Review Date: Mar 8, 2019 | Final Action Date: Jul 29, 2019 | [Approved](#)
- ▶ ANSI/AAMI 2700-2-1-2022, Medical Devices and Medical Systems — Essential safety and performance requirements for equipment comprising the patient-centric integrated clinical environment (ICE): Part 2-1: Particular requirements for forensic Data logging (new standard)  
PINS Date: Aug 23, 2019 | Public Review Date: Jun 26, 2020 | Final Action Date: Feb 1, 2022 | [Approved](#)
- ▶ ANSI/AAMI BE83-2006 (R2011), Biological evaluation of medical devices - Part 18: Chemical characterization of materials (reaffirm a national adoption ANSI/AAMI BE83-2006)  
Public Review Date: Aug 12, 2011 | Final Action Date: Dec 2, 2011 | [Approved](#)
- ▶ ANSI/AAMI BP22-1994 (R2016), Blood pressure transducers (reaffirmation of ANSI/AAMI BP22-1994 (R2011))  
Public Review Date: Nov 11, 2016 | Final Action Date: Jan 6, 2017 | [Approved](#)
- ▶ ANSI/AAMI CI86-2017, Cochlear Implant Systems: Requirements for Safety, Functional Verification, Labeling and Reliability Reporting (new standard)  
PINS Date: Apr 15, 2011 | Public Review Date: Sep 30, 2016 | Final Action Date: Jan 6, 2017 | [Approved](#)
- ▶ ANSI/AAMI CN27-2021, General requirements for Luer activated valves (LAVs) incorporated into medical devices for intravascular applications (new standard)  
PINS Date: Jul 29, 2016 | Public Review Date: Jun 18, 2021 | Final Action Date: Oct 26, 2021 | [Approved](#)
- ▶ ANSI/AAMI EC12-2000 (R2020), Disposable ECG electrodes (reaffirmation of ANSI/AAMI EC12-2000)  
Public Review Date: May 29, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)
- ▶ ANSI/AAMI EC53-2013 (R2020), ECG trunk cables and patient leadwires (reaffirmation of ANSI/AAMI EC53-2013)  
Public Review Date: May 29, 2020 | Final Action Date: Nov 20, 2020 | [Approved](#)
- ▶ ANSI/AAMI EC57-2012 (R2020), Testing and reporting performance results of cardiac rhythm and ST segment measurement algorithms (reaffirmation of ANSI/AAMI EC57-2012)  
Public Review Date: May 29, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

**AAMI (Association for the Advancement of Medical Instrumentation)**

- ▶ ANSI/AAMI EQ56-2013, Recommended practice for a medical equipment management program (revision of ANSI/AAMI EQ56-1999 (R2008))  
PINS Date: Feb 25, 2011 | Public Review Date: Jul 27, 2012 | Final Action Date: Mar 13, 2013 | [Approved](#)

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- ▶ ANSI/AAMI EQ89-2015, Guidance for the use of medical equipment maintenance strategies and procedures (new standard)  
PINS Date: Aug 3, 2012 | Public Review Date: Jul 25, 2014 | Final Action Date: Feb 12, 2015 | [Approved](#)

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- ▶ ANSI/AAMI EQ93-2019, Medical equipment management - Vocabulary used in medical equipment programs (new standard)  
PINS Date: Apr 29, 2016 | Public Review Date: Jul 20, 2018 | Final Action Date: Apr 18, 2019 | [Approved](#)

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- ▶ ANSI/AAMI ES60601-1-2005 C1-2009 and A2 (R2012), Medical electrical equipment - Part 1: General requirements for basic safety and essential performance (reaffirm a national adoption ANSI/AAMI ES60601-1-2005)  
Public Review Date: Oct 14, 2011 | Final Action Date: Jan 17, 2012 | [Approved](#)

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- ▶ ANSI/AAMI ES60601-1-2005, A1-2012, Medical electrical equipment - Part 1: General requirements for basic safety and essential performance Amendment 1 (supplement to ANSI/AAMI ES60601-1-2005)  
Public Review Date: Apr 22, 2011 | Final Action Date: Aug 21, 2012 | [Approved](#)

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- ▶ ANSI/AAMI ES60601-1-2005/A2-2021, Medical electrical equipment - Part 1: General requirements for basic safety and essential performance, Amendment 2 (addenda to ANSI/AAMI ES60601-1-2005 C1-2009 and A2 (R2012))  
PINS Date: Sep 11, 2020 | Public Review Date: Dec 18, 2020 | Final Action Date: Feb 1, 2022 | [Approved](#)

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- ▶ ANSI/AAMI HA60601-1-11-2015, Medical electrical equipment - Part 1-11: General requirements for basic safety and essential performance - Collateral Standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment (national adoption of IEC 60601-1-11:2015 with modifications and revision of ANSI/AAMI HA60601-1-11-2011)  
PINS Date: Nov 8, 2013 | Public Review Date: Mar 27, 2015 | Final Action Date: Aug 25, 2015 | [Approved](#)

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- ▶ ANSI/AAMI HA60601-1-11-2015/A1-2021, Medical electrical equipment - Part 1-11: General requirements for basic safety and essential performance – Collateral standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare, Amendment 1 (addenda to ANSI/AAMI HA60601-1-11-2015)  
PINS Date: Sep 11, 2020 | Public Review Date: Dec 18, 2020 | Final Action Date: Feb 18, 2022 | [Approved](#)

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- ▶ ANSI/AAMI HE75-2009 (R2018), Human factors engineering - Design of medical devices (reaffirmation of ANSI/AAMI HE75-2009 (R2013))  
Public Review Date: Apr 27, 2018 | Final Action Date: Aug 10, 2018 | [Approved](#)

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- ▶ ANSI/AAMI HIT1000-1-2022, Health IT Software and Systems – Part 1: Fundamental concepts and principles (new standard)  
PINS Date: Jul 28, 2017 | Public Review Date: Sep 25, 2020 | Final Action Date: Mar 1, 2022 | [Approved](#)

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- ▶ ANSI/AAMI MP80601-2-49-2020, Medical electrical equipment - Part 2-49: Particular requirements for the basic safety and essential performance of multifunction patient monitors (national adoption with modifications of IEC 80601-2-49:2018)  
PINS Date: Sep 20, 2019 | Public Review Date: Nov 8, 2019 | Final Action Date: Mar 26, 2020 | [Approved](#)

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- ▶ ANSI/AAMI NS4-2013 (R2017), Transcutaneous electrical nerve stimulators (reaffirmation of ANSI/AAMI NS4-2013)  
Public Review Date: Jul 28, 2017 | Final Action Date: Nov 8, 2017 | [Approved](#)

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- ▶ ANSI/AAMI PB70-2022, Liquid barrier performance and classification of protective apparel and drapes intended for use in health care facilities (new standard)  
PINS Date: Jan 4, 2019 | Public Review Date: Aug 27, 2021 | Final Action Date: Dec 5, 2022 | [Approved](#)

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**AAMI (Association for the Advancement of Medical Instrumentation)**

- ▶ ANSI/AAMI PC76-2021, Active implantable medical devices – Requirements and test protocols for safety of patients with pacemakers and ICDs exposed to magnetic resonance imaging (new standard)  
PINS Date: Apr 15, 2011 | Public Review Date: Dec 4, 2020 | Final Action Date: Apr 6, 2021 | [Approved](#)

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- ▶ ANSI/AAMI RD47-2020, Reprocessing of hemodialyzers (revision of ANSI/AAMI RD47-2008 (R2013))  
PINS Date: Jul 26, 2019 | Public Review Date: Oct 4, 2019 | Final Action Date: Jan 16, 2020 | [Approved](#)

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- ▶ ANSI/AAMI ST15883-1-2009 (R2014), Washer-disinfectors, Part 1: General requirements, terms and definitions and tests (reaffirm a national adoption ANSI/AAMI ST15883-1-2009)  
Public Review Date: Jan 31, 2014 | Final Action Date: Sep 26, 2014 | [Approved](#)

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- ▶ ANSI/AAMI ST15883-1-2009/A1-2014, Washer-disinfectors - Part 1: General requirements, terms and definitions and tests - Amendment 1 (identical national adoption of ISO 15883-1:2006/DAmd 1)  
PINS Date: Sep 23, 2011 | Public Review Date: May 25, 2012 | Final Action Date: Jul 17, 2014 | [Approved](#)

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- ▶ ANSI/AAMI ST15883-1-2009/A2-2012, Washer-disinfectors - Part 1: General requirements, terms and definitions and tests, Amendment 2 (supplement to ANSI/AAMI ST15883-1-2009)  
PINS Date: Oct 28, 2011 | Public Review Date: Dec 23, 2011 | Final Action Date: Aug 23, 2012 | [Approved](#)

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- ▶ ANSI/AAMI ST15883-2-2013 (ISO 15883-2-2006 MOD)-2013 (R2015), Washer-disinfectors, Part 2: Requirements and tests for washer-disinfectors employing thermal disinfection for surgical instruments, anaesthetic equipment, bowls, dishes, receivers, utensils, glassware, etc (reaffirm a national adoption ANSI/AAMI ST15883-2-2013 (ISO 15883-2-2006 MOD))  
Public Review Date: Aug 14, 2015 | Final Action Date: Nov 23, 2015 | [Approved](#)

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- ▶ ANSI/AAMI ST15883-3-2012 (ISO 15883-3-2006) MOD-2012 (R2015), Washer-disinfectors, Part 3: Requirements and tests for washer-disinfectors employing thermal disinfection for human waste containers (reaffirm a national adoption ANSI/AAMI ST15883-3-2012 (ISO 15883-3-2006)MOD)  
Public Review Date: Aug 14, 2015 | Final Action Date: Nov 23, 2015 | [Approved](#)

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- ▶ ANSI/AAMI ST24-1999 (R2018), Automatic, general-purpose ethylene oxide sterilizers and ethylene oxide sterilant sources intended for use in health care facilities (reaffirmation of ANSI/AAMI ST24-1999 (R2013))  
Public Review Date: Jan 26, 2018 | Final Action Date: Sep 6, 2018 | [Approved](#)

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- ▶ ANSI/AAMI ST40-2004 (R2018), Table-top dry heat (heated air) sterilization and sterility assurance in health care facilities (reaffirmation of ANSI/AAMI ST40-2004 (R2010))  
Public Review Date: Nov 18, 2016 | Final Action Date: Jan 12, 2018 | [Approved](#)

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- ▶ ANSI/AAMI ST41-2008 (R2018), Ethylene oxide sterilization in health care facilities: Safety and effectiveness (reaffirmation of ANSI/AAMI ST41-2008 (R2012))  
Public Review Date: Sep 8, 2017 | Final Action Date: Jan 16, 2018 | [Approved](#)

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- ▶ ANSI/AAMI ST50-2004 (R2018), Dry heat (heated air) sterilizers (reaffirmation of ANSI/AAMI ST50-2004 (R2010))  
Public Review Date: Nov 18, 2016 | Final Action Date: Jan 12, 2018 | [Approved](#)

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- ▶ ANSI/AAMI ST55-2016, Table-top steam sterilizers (revision of ANSI/AAMI ST55-2010 (R2014))  
PINS Date: Nov 27, 2015 | Public Review Date: Mar 11, 2016 | Final Action Date: Nov 1, 2016 | [Approved](#)

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- ▶ ANSI/AAMI ST58-2013 (R2018), Chemical sterilization and high-level disinfection in health care facilities (reaffirmation of ANSI/AAMI ST58-2013)  
Public Review Date: Jan 26, 2018 | Final Action Date: Sep 6, 2018 | [Approved](#)

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- ▶ ANSI/AAMI ST65-2008 (R2018), Processing of reusable surgical textiles for use in health care facilities (reaffirmation of ANSI/AAMI ST65-2008 (R2013))  
Public Review Date: Jan 26, 2018 | Final Action Date: Sep 6, 2018 | [Approved](#)

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**AAMI (Association for the Advancement of Medical Instrumentation)**

- ▶ ANSI/AAMI ST67-2019, Sterilization of health care products - Requirements and guidance for selecting a sterility assurance level (SAL) for products labeled sterile (revision of ANSI/AAMI ST67-2011 (R2017))  
PINS Date: Nov 18, 2016 | Public Review Date: Aug 31, 2018 | Final Action Date: Jul 29, 2019 | [Approved](#)

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- ▶ ANSI/AAMI ST72-2019, Bacterial endotoxin -Test methods, routine monitoring and alternatives to batch testing (revision of ANSI/AAMI ST72-2011 (R2016))  
PINS Date: Jun 24, 2016 | Public Review Date: Apr 26, 2019 | Final Action Date: Nov 19, 2019 | [Approved](#)

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- ▶ ANSI/AAMI ST77-2013 (R2018), Containment devices for reusable medical device sterilization (reaffirmation of ANSI/AAMI ST77-2013)  
Public Review Date: Jan 26, 2018 | Final Action Date: Sep 6, 2018 | [Approved](#)

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- ▶ ANSI/AAMI ST79-2017 (R2022), Comprehensive guide to steam sterilization and sterility assurance in health care facilities & Amendment 1, Amendment 2, Amendment 3, Amendment 4 (reaffirmation of ANSI/AAMI ST79-2017, ANSI/AAMI ST79-2017/A.1-2020, ANSI/AAMI ST79-2017/A.2-2020, ANSI/AAMI ST79-2017/A.3-2020, ANSI/AAMI ST79-2017/A.4-2020)  
Public Review Date: Aug 12, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)

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- ▶ ANSI/AAMI ST79-2017/A.1-2020, Comprehensive guide to steam sterilization and sterility assurance in health care facilities - Amendment 1 (addenda to BSR/AAMI ST79-2017/A.1-201x)  
PINS Date: Feb 22, 2019 | Public Review Date: Oct 18, 2019 | Final Action Date: Oct 26, 2020 | [Approved](#)

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- ▶ ANSI/AAMI ST79-2017/A.2-2020, Comprehensive guide to steam sterilization and sterility assurance in health care facilities - Amendment 2 (addenda to BSR/AAMI ST79-2017/A.2-201x)  
PINS Date: Feb 22, 2019 | Public Review Date: Oct 18, 2019 | Final Action Date: Oct 26, 2020 | [Approved](#)

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- ▶ ANSI/AAMI ST79-2017/A.3-2020, Comprehensive guide to steam sterilization and sterility assurance in health care facilities - Amendment 3 (addenda to ANSI/AAMI ST79-2017)  
PINS Date: Feb 22, 2019 | Public Review Date: Feb 21, 2020 | Final Action Date: Dec 18, 2020 | [Approved](#)

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- ▶ ANSI/AAMI ST79-2017/A.4-2020, Comprehensive guide to steam sterilization and sterility assurance in health care facilities - Amendment 4 (addenda to ANSI/AAMI ST79-2017)  
PINS Date: Feb 22, 2019 | Public Review Date: Feb 21, 2020 | Final Action Date: Oct 26, 2020 | [Approved](#)

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- ▶ ANSI/AAMI ST8-2013 (R2018), Hospital steam sterilizers (reaffirmation of ANSI/AAMI ST8-2013)  
Public Review Date: Mar 30, 2018 | Final Action Date: Aug 17, 2018 | [Approved](#)

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- ▶ ANSI/AAMI ST90-2017, Processing of health care products - Quality management systems for processing in health care facilities (new standard)  
PINS Date: Jul 13, 2012 | Public Review Date: Mar 17, 2017 | Final Action Date: Jul 18, 2017 | [Approved](#)

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- ▶ ANSI/AAMI ST91-2021, Flexible and semi-rigid endoscope processing in healthcare facilities (revision of ANSI/AAMI ST91-2015)  
PINS Date: Nov 18, 2016 | Public Review Date: Jun 11, 2021 | Final Action Date: Dec 21, 2021 | [Approved](#)

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- ▶ ANSI/AAMI ST98-2022, Cleaning validation of health care products - Requirements for development and validation of a cleaning process for medical devices (new standard)  
PINS Date: Apr 20, 2018 | Public Review Date: May 28, 2021 | Final Action Date: Jun 17, 2022 | [Approved](#)

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- ▶ ANSI/AAMI SW91-2018, Classification of Defects in Health Software (new standard)  
PINS Date: Aug 17, 2012 | Public Review Date: Mar 30, 2018 | Final Action Date: Oct 22, 2018 | [Approved](#)

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- ▶ ANSI/AAMI SW96-2023, Standard for medical device security - Security risk management for device manufacturers (new standard)  
PINS Date: Mar 17, 2017 | Public Review Date: Jul 29, 2022 | Final Action Date: Jan 13, 2023 | [Approved](#)

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**AAMI (Association for the Advancement of Medical Instrumentation)**

- ▶ ANSI/AAMI/IEC 60601-1-12-2016, Medical electrical equipment -Part 1-12: General requirements for basic safety and essential performance - Collateral Standard: Requirements for medical electrical equipment and medical electrical systems intended for use in the emergency medical services environment (identical national adoption of IEC 60601-1-12:2014)

PINS Date: Jan 15, 2016 | Public Review Date: Mar 11, 2016 | Final Action Date: Oct 6, 2016 | [Approved](#)

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- ▶ ANSI/AAMI/IEC 60601-1-12-2016/A1-2021, Medical electrical equipment - Part 1-12: General requirements for basic safety and essential performance – Collateral standard: Requirements for ME equipment and ME systems used in the emergency medical services environment, Amendment 1 (addenda to ANSI/AAMI/IEC 60601-1-12-2016)

PINS Date: Sep 11, 2020 | Public Review Date: Dec 18, 2020 | Final Action Date: Feb 1, 2022 | [Approved](#)

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- ▶ ANSI/AAMI/IEC 60601-1-2-2014/A1-2021, Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance – Collateral standard: Electromagnetic disturbances – Requirements and tests, Amendment 1 (addenda to ANSI/AAMI/IEC 60601-1-2-2014)

PINS Date: Sep 11, 2020 | Public Review Date: Dec 18, 2020 | Final Action Date: Feb 1, 2022 | [Approved](#)

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- ▶ ANSI/AAMI/IEC 60601-1-8-2008/A2-2021, Medical electrical equipment - Part 1-8: General requirements for basic safety and essential performance – Collateral standard: General requirements, tests and guidance for alarm systems in medical electrical equipment, Amendment 2 (addenda to ANSI/AAMI/IEC 60601-1-8-2013)

PINS Date: Sep 11, 2020 | Public Review Date: Dec 18, 2020 | Final Action Date: Feb 1, 2022 | [Approved](#)

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- ▶ ANSI/AAMI/IEC 60601-1-8-2013, Medical electrical equipment - Part 1-8: General requirements for basic safety and essential performance - Collateral Standard: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems (identical national adoption of IEC 60601-1-08:2006 and IEC 60601-1-08:2006/A1:2012)

PINS Date: Mar 1, 2013 | Public Review Date: Apr 19, 2013 | Final Action Date: Oct 21, 2013 | [Approved](#)

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- ▶ ANSI/AAMI/IEC 60601-2-16-2018, Medical electrical equipment - Part 2-16: Particular requirements for basic safety and essential performance of haemodialysis, haemodiafiltration and haemofiltration equipment (identical national adoption of IEC 60601-2-16-2018 and revision of ANSI/AAMI/IEC 60601-2-16:2012)

PINS Date: Dec 23, 2016 | Public Review Date: Apr 10, 2020 | Final Action Date: Jul 23, 2020 | [Approved](#)

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- ▶ ANSI/AAMI/IEC 60601-2-16, Ed. 4-2012, Medical electrical equipment - Part 2-16: Particular requirements for basic safety and essential performance of haemodialysis, haemodiafiltration and haemofiltration equipment (identical national adoption of IEC 60601-2-16, Edition 4.0 (2012-03-08))

PINS Date: Mar 11, 2011 | Public Review Date: Feb 18, 2011 | Final Action Date: Sep 5, 2012 | [Approved](#)

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- ▶ ANSI/AAMI/IEC 60601-2-19-2009 (R2014), Medical electrical equipment - Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators (reaffirm a national adoption ANSI/AAMI/IEC 60601-2-19-2009)

Public Review Date: Apr 18, 2014 | Final Action Date: Dec 16, 2014 | [Approved](#)

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- ▶ ANSI/AAMI/IEC 60601-2-19/A1-2016, Medical electrical equipment - Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators, Amendment 1 (supplement to ANSI/AAMI/IEC 60601-2-19-2009 (R2014))

PINS Date: Aug 28, 2015 | Public Review Date: Sep 23, 2016 | Final Action Date: Nov 10, 2016 | [Approved](#)

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- ▶ ANSI/AAMI/IEC 60601-2-2-2017, Medical electrical equipment - Part 2-2: Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories (identical national adoption of IEC 60601-2-2 and revision of ANSI/AAMI/IEC 60601-2-2-2009 (R2014))

PINS Date: Feb 12, 2016 | Public Review Date: Mar 18, 2016 | Final Action Date: Jun 30, 2017 | [Approved](#)

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- ▶ ANSI/AAMI/IEC 60601-2-20-2009 (R2014), Medical electrical equipment - Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators (reaffirm a national adoption ANSI/AAMI/IEC 60601-2-20-2009)

Public Review Date: Apr 18, 2014 | Final Action Date: Dec 10, 2014 | [Approved](#)

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**AAMI (Association for the Advancement of Medical Instrumentation)**

- ▶ ANSI/AAMI/IEC 60601-2-20/A1-2016, Medical electrical equipment - Part 2-20: Particular requirements for the basic safety and essential performance of transport infant incubators, Amendment 1 (supplement to ANSI/AAMI/IEC 60601-2-20-2009 (R2014))

PINS Date: Aug 28, 2015 | Public Review Date: Sep 23, 2016 | Final Action Date: Nov 10, 2016 | [Approved](#)

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- ▶ ANSI/AAMI/IEC 60601-2-21-2009 (R2014), Medical electrical equipment - Part 2-21: Particular requirements for the basic safety and essential performance of infant radiant warmers (reaffirm a national adoption ANSI/AAMI/IEC 60601-2-21-2009)

Public Review Date: Apr 18, 2014 | Final Action Date: Dec 10, 2014 | [Approved](#)

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- ▶ ANSI/AAMI/IEC 60601-2-21/A1-2016, Medical electrical equipment - Part 2-21: Particular requirements for the basic safety and essential performance of infant radiant warmers, Amendment 1 (supplement to ANSI/AAMI/IEC 60601-2-21-2009 (R2014))

PINS Date: Aug 28, 2015 | Public Review Date: Sep 23, 2016 | Final Action Date: Nov 10, 2016 | [Approved](#)

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- ▶ ANSI/AAMI/IEC 60601-2-25-2011 (R2016), Medical electrical equipment - Part 2-25: Particular requirements for the basic safety and essential performance of electrocardiographs (reaffirm a national adoption ANSI/AAMI/IEC 60601-2-25-2012)

Public Review Date: Nov 11, 2016 | Final Action Date: Jan 6, 2017 | [Approved](#)

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- ▶ ANSI/AAMI/IEC 60601-2-27-2011 (R2016), Medical electrical equipment - Part 2-27: Particular requirements for the basic safety and essential performance of electrocardiographic monitoring equipment (reaffirm a national adoption ANSI/AAMI/IEC 60601-2-27-2011)

Public Review Date: Nov 11, 2016 | Final Action Date: Jan 6, 2017 | [Approved](#)

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- ▶ ANSI/AAMI/IEC 60601-2-39-2018, Medical electrical equipment - Part 2-39: Particular requirements for basic safety and essential performance of peritoneal dialysis equipment (identical national adoption of IEC 60601-2-39:2018)

PINS Date: Dec 23, 2016 | Public Review Date: Apr 10, 2020 | Final Action Date: Jul 23, 2020 | [Approved](#)

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- ▶ ANSI/AAMI/IEC 60601-2-4-2010 (R2015), Medical electrical equipment - Part 2-4: Particular requirements for the basic safety and essential performance of cardiac defibrillators (reaffirm a national adoption ANSI/AAMI/IEC 60601-2-4-2010)

Public Review Date: Sep 4, 2015 | Final Action Date: Dec 30, 2015 | [Approved](#)

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- ▶ ANSI/AAMI/IEC 60601-2-4/A1-2018, Medical electrical equipment - Part 2-4: Particular requirements for the basic safety and essential performance of cardiac defibrillators Amendment 1 (addenda to ANSI/AAMI/IEC 60601-2-4-2010 (R2015))

PINS Date: Jul 1, 2016 | Public Review Date: Aug 12, 2016 | Final Action Date: Jan 11, 2019 | [Approved](#)

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- ▶ ANSI/AAMI/IEC 60601-2-47-2012 (R2016), Medical electrical equipment – Part 2-47: Particular requirements for the basic safety and essential performance of ambulatory electrocardiographic systems. (reaffirm a national adoption ANSI/AAMI/IEC 60601-2-47-2012)

Public Review Date: Nov 11, 2016 | Final Action Date: Jan 6, 2017 | [Approved](#)

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- ▶ ANSI/AAMI/IEC 60601-2-50-2009 (R2014), Medical electrical equipment - Part 2-50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment (reaffirm a national adoption ANSI/AAMI/IEC 60601-2-50-2009)

Public Review Date: Apr 18, 2014 | Final Action Date: Dec 16, 2014 | [Approved](#)

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- ▶ ANSI/AAMI/IEC 60601-2-50/A1-2016, Medical electrical equipment - Part 2-50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment, Amendment 1 (supplement to ANSI/AAMI/IEC 60601-2-50-2009 (R2014))

PINS Date: Aug 28, 2015 | Public Review Date: Sep 23, 2016 | Final Action Date: Nov 10, 2016 | [Approved](#)

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- ▶ ANSI/AAMI/IEC 62304-2006/Amd 1-2016, Medical device software - Software life cycle processes, Amendment 1 (identical national adoption of IEC 62304:2006/Amd 1)

PINS Date: Jul 17, 2015 | Public Review Date: Sep 4, 2015 | Final Action Date: Apr 7, 2016 | [Approved](#)

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**AAMI (Association for the Advancement of Medical Instrumentation)**

- ▶ ANSI/AAMI/IEC 62366-1-2015 (R2021), Medical devices - Part 1: Application of usability engineering to medical devices (reaffirmation of ANSI/AAMI/IEC 62366-1-2015)  
Public Review Date: Aug 7, 2020 | Final Action Date: Dec 14, 2021 | [Approved](#)
- ▶ ANSI/AAMI/IEC 62366-1, Amendment 1-2020, Medical devices - Part 1: Application of usability engineering to medical devices - Amendment 1 (identical national adoption of IEC 62366-1:2015+AMD1:2020)  
PINS Date: Aug 25, 2017 | Public Review Date: Apr 10, 2020 | Final Action Date: Jul 7, 2020 | [Approved](#)
- ▶ ANSI/AAMI/IEC 80001-1-2010, Application of risk management for IT Networks incorporating medical devices - Part 1: Roles, responsibilities and activities (identical national adoption of IEC 80001-1)  
PINS Date: Aug 7, 2009 | Public Review Date: Aug 21, 2009 | Final Action Date: Oct 6, 2010 | [Approved](#)
- ▶ ANSI/AAMI/IEC 80601-2-30-2009, Medical electrical equipment - Part 2-30: Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers (identical national adoption of IEC 80601-2-30 (current revision project in IEC) and revision of ANSI/AAMI SP10-2002, ANSI/AAMI SP10-2002/A1-2003, and ANSI/AAMI SP10-2002/A2-2006)  
PINS Date: May 18, 2007 | Public Review Date: Nov 30, 2007 | Final Action Date: Jul 24, 2009 | [Approved](#)
- ▶ ANSI/AAMI/IEC 80601-2-30-2009/A1-2013 (R2017), Medical electrical equipment - Part 2-30: Particular requirements for the basic safety and essential performance of automated type non-invasive sphygmomanometers - Amendment 1 (reaffirm a national adoption ANSI/AAMI/IEC 80601-2-30-2009/A1-2013)  
Public Review Date: Sep 4, 2015 | Final Action Date: Jan 10, 2017 | [Approved](#)
- ▶ ANSI/AAMI/IEC 80601-2-30-2009/C1-2009, Medical electrical equipment - Part 2-30: Particular requirements for basic safety and essential performance of automated type non-invasive sphygmomanometers (supplement to ANSI/AAMI/IEC 80601-2-30-2009)  
PINS Date: Oct 30, 2009 | Public Review Date: Jul 24, 2009 | Final Action Date: Dec 10, 2009 | [Approved](#)
- ▶ ANSI/AAMI/IEC 80601-2-30-2018, Medical electrical equipment - Part 2-30: Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers (identical national adoption of IEC 80601-2-30 and revision of ANSI/AAMI/ISO 81060-1-2007 (R2010))  
ANSI/AAMI/IEC 80601-2-30-2009/A1-2013)  
PINS Date: Apr 15, 2016 | Public Review Date: May 20, 2016 | Final Action Date: Jan 11, 2019 | [Approved](#)
- ▶ ANSI/AAMI/IEC 80601-2-58-2014, Medical electrical equipment - Part 2-58: Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery (identical national adoption of IEC 80601-2-58)  
PINS Date: May 24, 2013 | Public Review Date: Jun 21, 2013 | Final Action Date: Sep 10, 2014 | [Approved](#)
- ▶ ANSI/AAMI/IEC 80601-2-58-2014/A1-2016, Medical electrical equipment - Part 2-58: Particular requirements for the basic safety and essential performance of lens removal and vitrectomy devices for ophthalmic surgery (Amendment 1) (identical national adoption of IEC 80601-2-58-2014/AMD1:2016)  
PINS Date: Aug 28, 2015 | Public Review Date: Sep 25, 2015 | Final Action Date: Dec 27, 2016 | [Approved](#)
- ▶ ANSI/AAMI/IEC 80601-2-77-2020, Medical electrical equipment - Part 2-77: Particular requirements for the basic safety and essential performance of robotically assisted surgical equipment (identical national adoption of IEC 80601-2-77 ED1)  
PINS Date: Jan 11, 2019 | Public Review Date: May 3, 2019 | Final Action Date: Aug 3, 2020 | [Approved](#)
- ▶ ANSI/AAMI/IEC 80601-2-78-2020, Medical electrical equipment - Part 2-78: Particular requirements for the basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation (identical national adoption of IEC 80601-2-78)  
PINS Date: Jan 11, 2019 | Public Review Date: May 3, 2019 | Final Action Date: Aug 3, 2020 | [Approved](#)
- ▶ ANSI/AAMI/ISO 10993-1-2018, Biological evaluation of medical devices — Part 1: Evaluation and testing within a risk management process (identical national adoption of ISO 10993-1:2018)  
PINS Date: Aug 16, 2019 | Public Review Date: Oct 18, 2019 | Final Action Date: Apr 27, 2020 | [Approved](#)

**AAMI (Association for the Advancement of Medical Instrumentation)**

- ▶ ANSI/AAMI/ISO 10993-10:2010 (R2014), Biological evaluation of medical devices - Part 10: Tests for irritation and skin sensitization (reaffirm a national adoption ANSI/AAMI/ISO 10993-10:2010)  
Public Review Date: Jul 11, 2014 | Final Action Date: Oct 8, 2014 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 10993-11-2017, Biological evaluation of medical devices — Part 11: Tests for systemic toxicity (identical national adoption of ISO 10993-11:2017)  
PINS Date: Aug 16, 2019 | Public Review Date: Oct 18, 2019 | Final Action Date: Apr 27, 2020 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 10993-12-2012, Biological evaluation of medical devices - Part 12: Sample preparation and reference materials (identical national adoption of ISO 10993-12 and revision of ANSI/AAMI/ISO 10993-12-2007)  
PINS Date: Aug 7, 2009 | Public Review Date: Jun 25, 2010 | Final Action Date: Jul 26, 2012 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 10993-13-2010 (R2014), Biological evaluation of medical devices - Part 13: Identification and quantification of degradation products from polymeric medical devices (reaffirm a national adoption ANSI/AAMI/ISO 10993-13-2010)  
Public Review Date: Jul 11, 2014 | Final Action Date: Oct 8, 2014 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 10993-14-2001 (R2011), Biological evaluation of medical devices - Part 14: Identification and quantification of degradation products from ceramics (reaffirm a national adoption ANSI/AAMI/ISO 10993-14-2001 (R2006))  
Public Review Date: Jun 17, 2011 | Final Action Date: Nov 16, 2011 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 10993-15-2000 (R2011), Biological evaluation of medical devices - Part 15: Identification and quantification of degradation products from metals and alloys (reaffirm a national adoption ANSI/AAMI/ISO 10993-15-2000 (R2006))  
Public Review Date: Jun 17, 2011 | Final Action Date: Nov 16, 2011 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 10993-15-2020, Biological evaluation of medical devices — Part 15: Identification and quantification of degradation products from metals and alloys (identical national adoption of ISO 10993-15)  
PINS Date: Aug 30, 2019 | Public Review Date: Mar 13, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 10993-16-2020, Biological evaluation of medical devices — Part 16: Toxicokinetic study design for degradation products and leachables (identical national adoption of ISO 10993-16:2017)  
PINS Date: Aug 16, 2019 | Public Review Date: Oct 18, 2019 | Final Action Date: Nov 3, 2020 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 10993-17-2002 (R2012), Biological evaluation of medical devices - Part 17: Establishment of allowable limits for leachable substances (reaffirm a national adoption ANSI/AAMI/ISO 10993-17-2002 (R2008))  
Public Review Date: Aug 17, 2012 | Final Action Date: Nov 30, 2012 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 10993-2-2006 (R2014), Biological evaluation of medical devices - Part 2: Animal welfare requirements (reaffirm a national adoption ANSI/AAMI/ISO 10993-2-2006 (R2010))  
Public Review Date: Jul 11, 2014 | Final Action Date: Oct 8, 2014 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 10993-3-2014, Biological evaluation of medical devices - Part 3: Tests for genotoxicity, carcinogenicity and reproductive toxicity (identical national adoption of ISO 10993-3-2014 and revision of ANSI/AAMI/ISO 10993-3-2003 (R2013))  
PINS Date: Feb 9, 2007 | Public Review Date: Mar 8, 2013 | Final Action Date: Aug 14, 2014 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 10993-4-2017, Biological evaluation of medical devices — Part 4: Selection of tests for interactions with blood (identical national adoption of ISO 10993-4:2017 and revision of ANSI/AAMI/ISO 10993-4:2002 (R2013))  
PINS Date: Dec 18, 2015 | Public Review Date: Oct 18, 2019 | Final Action Date: Apr 27, 2020 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 10993-5-2009 (R2014), Biological evaluation of medical devices - Part 5: Tests for in vitro cytotoxicity (reaffirm a national adoption ANSI/AAMI/ISO 10993-5-2009)  
Public Review Date: Aug 16, 2013 | Final Action Date: Feb 6, 2014 | [Approved](#)

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**AAMI (Association for the Advancement of Medical Instrumentation)**

- ▶ ANSI/AAMI/ISO 10993-6-2017, Biological evaluation of medical devices -- Part 6: Tests for local effects after implantation (revision of ANSI/AAMI/ISO 10993-6-2007 (R2014))  
Public Review Date: Nov 21, 2014 | Final Action Date: Jan 10, 2017 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 10993-7-2008 (R2012), Biological evaluation of medical devices - Part 7: Ethylene oxide sterilization residuals (reaffirm a national adoption ANSI/AAMI/ISO 10993-7-2008)  
Public Review Date: Dec 16, 2011 | Final Action Date: Jun 1, 2012 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 10993-9-1999 (R2014), Biological evaluation of medical devices - Part 9: Framework for identification and quantification of potential degradation products (reaffirm a national adoption ANSI/AAMI/ISO 10993-9-2009)  
Public Review Date: Apr 18, 2014 | Final Action Date: Sep 23, 2014 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11135-2015, Sterilization of health care products - Ethylene oxide - Requirements for the development, validation and routine control of a sterilization process for medical devices (identical national adoption of ISO 11135:2014 and revision of ANSI/AAMI/ISO 11135-1-2007)  
Public Review Date: Jul 25, 2014 | Final Action Date: Jul 27, 2015 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11135-2018 Amd.1, Sterilization of health-care products — Ethylene oxide — Requirements for the development, validation and routine control of a sterilization process for medical devices AMENDMENT 1: Revision of Annex E, Single batch release (identical national adoption of ISO 11135:2014/Amd 1:2018)  
PINS Date: Sep 8, 2017 | Public Review Date: Apr 26, 2019 | Final Action Date: Feb 13, 2020 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11137-1-2006 (R2015), Sterilization of health care products - Radiation - Part 1: Requirements for development, validation and routine control of a sterilization process for medical devices (reaffirm a national adoption ANSI/AAMI/ISO 11137-1-2006 (R2010))  
Public Review Date: Aug 21, 2015 | Final Action Date: Oct 6, 2015 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11137-1:2006/Amd 1-2013, Sterilization of health care products - Radiation - Part 1: Requirements for development, validation and routine control of a sterilization process for medical devices - Amendment 1 (identical national adoption of ISO 11137-1:2006/DAmd 1)  
PINS Date: Jul 20, 2012 | Public Review Date: Oct 26, 2012 | Final Action Date: Dec 30, 2013 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11137-1/Amd2-2019, Sterilization of health care products -- Radiation -- Part 1: Requirements for development, validation and routine control of a sterilization process for medical devices -- Amendment 2: Revision to 4.3.4 and 11.2 (identical national adoption of ISO 11137-1:2006/Amd 2:2018)  
PINS Date: Sep 15, 2017 | Public Review Date: Nov 16, 2018 | Final Action Date: May 1, 2019 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11137-2, third edition-2013 (R2019), Sterilization of health care products -- Radiation -- Part 2: Establishing the sterilization dose (reaffirm a national adoption ANSI/AAMI/ISO 11137-2, third edition-2013)  
Public Review Date: Jul 20, 2018 | Final Action Date: May 1, 2019 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11137-3-2017, Sterilization of health care products - Radiation - Part 3: Guidance on dosimetric aspects of development, validation and routine control (identical national adoption of ISO 11137-3:2006 and revision of ANSI/AAMI/ISO 11137-3-2006 (R2010))  
Public Review Date: Feb 10, 2017 | Final Action Date: Oct 6, 2017 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11138-1-2017, Sterilization of health care products - Biological indicators - Part 1: General requirements (identical national adoption of ISO/FDIS 11138-1 and revision of ANSI/AAMI/ISO 11138-1-2006 (R2015))  
PINS Date: Sep 11, 2015 | Public Review Date: Dec 9, 2016 | Final Action Date: Aug 1, 2017 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11138-2-2017, Sterilization of health care products - Biological indicators - Part 2: Biological indicators for ethylene oxide sterilization processes (identical national adoption of ISO/FDIS 11138-2 and revision of ANSI/AAMI/ISO 11138-2-2006 (R2015))  
PINS Date: Sep 11, 2015 | Public Review Date: Dec 9, 2016 | Final Action Date: Aug 1, 2017 | [Approved](#)

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**AAMI (Association for the Advancement of Medical Instrumentation)**

- ▶ ANSI/AAMI/ISO 11138-3-2017, Sterilization of health care products - Biological indicators - Part 3: Biological indicators for moist heat sterilization processes (identical national adoption of ISO/FDIS 11138-3 and revision of ANSI/AAMI/ISO 11138-3-2006 (R2015))

PINS Date: Sep 11, 2015 | Public Review Date: Dec 9, 2016 | Final Action Date: Aug 1, 2017 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11138-4-2017, Sterilization of health care products - Biological indicators - Part 4: Biological indicators for dry heat sterilization processes (identical national adoption of ISO/FDIS 11138-4 and revision of ANSI/AAMI/ISO 11138-4-2006 (R2015))

PINS Date: Sep 11, 2015 | Public Review Date: Dec 9, 2016 | Final Action Date: Aug 1, 2017 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11138-5-2017, Sterilization of health care products - Biological indicators - Part 5: Biological indicators for low-temperature steam and formaldehyde sterilization processes (identical national adoption of ISO/FDIS 11138-5 and revision of ANSI/AAMI/ISO 11138-5-2006 (R2015))

PINS Date: Sep 11, 2015 | Public Review Date: Dec 9, 2016 | Final Action Date: Aug 1, 2017 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11138-7-2019, Sterilization of health care products -- Biological indicators -- Part 7: Guidance for the selection, use and interpretation of results (identical national adoption of ISO 11138-7:2019)

PINS Date: Sep 8, 2017 | Public Review Date: Jun 14, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11140-1-2014, Sterilization of health care products - Chemical indicators - Part 1: General requirements (identical national adoption of ISO/DIS 11140-1 and revision of ANSI/AAMI/ISO 11140-1-2005 (R2010))

PINS Date: Dec 2, 2011 | Public Review Date: Sep 7, 2012 | Final Action Date: Sep 10, 2014 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11140-3-2012 (R2015), Sterilization Of Health Care Products - Chemical Indicators - Part 3: Class 2 Indicator Systems For Use In The Bowie And Dick-Type Steam Penetration Test (reaffirm a national adoption ANSI/AAMI/ISO 11140-3-2007 (R2012))

Public Review Date: Sep 4, 2015 | Final Action Date: Nov 10, 2015 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11140-4-2012 (R2015), Sterilization Of Health Care Products - Chemical Indicators - Part 4: Class 2 Indicators As An Alternative To Bowie And Dick Test For Detection Of Steam Penetration (reaffirm a national adoption ANSI/AAMI/ISO 11140-4-2007 (R2012))

Public Review Date: Sep 4, 2015 | Final Action Date: Nov 10, 2015 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11140-5-2012 (R2015), Sterilization of Health Care Products - Chemical Indicators - Part 5: Class 2 Indicators for Bowie and Dick Air Removal Test Sheets and Packs (reaffirm a national adoption ANSI/AAMI/ISO 11140-5-2007 (R2012))

Public Review Date: Sep 4, 2015 | Final Action Date: Nov 10, 2015 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11607-1-2006/A1-2014 (R2015), Packaging for terminally sterilized medical devices - Part 1: Requirements for materials, sterile barrier systems and packaging (reaffirm a national adoption ANSI/AAMI/ISO 11607-1-2006 (R2010))

Public Review Date: Sep 4, 2015 | Final Action Date: Feb 11, 2016 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11607-1-2019, Packaging for terminally sterilized medical devices - Part 1: Requirements for materials, sterile barrier systems and packaging (identical national adoption of ISO 11607-1:2019 and revision of ANSI/AAMI/ISO 11607-1-2006 (R2010))

PINS Date: Dec 28, 2018 | Public Review Date: Feb 8, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11607-1:2006, A1-2014, Amendment 1 to ANSI/AAMI/ISO 11607-1:2006, Packaging for terminally sterilized medical devices - Part 1: Requirements for materials, sterile barrier systems, and packaging (addenda to ANSI/AAMI/ISO 11607-1:2006)

Public Review Date: Apr 19, 2013 | Final Action Date: Sep 10, 2014 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11607-2-2006,A1-2014 (R2015), Packaging for terminally sterilized medical devices - Part 2: Validation requirements for forming, sealing and assembly processes (reaffirm a national adoption ANSI/AAMI/ISO 11607-2-2006 (R2010))

Public Review Date: Sep 4, 2015 | Final Action Date: Feb 11, 2016 | [Approved](#)

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**AAMI (Association for the Advancement of Medical Instrumentation)**

- ▶ ANSI/AAMI/ISO 11607-2-2019, Packaging for terminally sterilized medical devices - Part 2: Validation requirements for forming, sealing and assembly processes (identical national adoption of ISO 11607-2:2019 and revision of ANSI/AAMI/ISO 11607-2-2006 (R2010))  
PINS Date: Dec 28, 2018 | Public Review Date: Feb 8, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11607-2:2006, A1-2014, Amendment 1 to ANSI/AAMI/ISO 11607-2:2006, Packaging for terminally sterilized medical devices - Part 2: Validation requirements for forming, sealing and assembly processes (addenda to ANSI/AAMI/ISO 11607-2:2006)  
Public Review Date: Apr 19, 2013 | Final Action Date: Sep 10, 2014 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11658-2012, Cardiovascular implants and extracorporeal systems - Blood/tissue contact surface modifications for extracorporeal perfusion systems (identical national adoption of ISO 11658)  
PINS Date: Oct 23, 2009 | Public Review Date: May 6, 2011 | Final Action Date: Aug 20, 2012 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11737-1-2018, AAMI/ISO CDV-3 11737-1, Sterilization of health care products - Microbiological methods - Part 1: Determination of a population of microorganisms on product (identical national adoption of ISO 11737-1 (in development) and revision of ANSI/AAMI/ISO 11737-1-2006 (R2011))  
PINS Date: May 2, 2014 | Public Review Date: Aug 19, 2016 | Final Action Date: Jan 24, 2018 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 11737-2-2019, Sterilization of medical devices - Microbiological methods - Part 2: Tests of sterility performed in the definition, validation and maintenance of a sterilization process (identical national adoption of ISO 11737-2 (in development) and revision of ANSI/AAMI/ISO 11737-2-2009 (R2014))  
PINS Date: Sep 22, 2017 | Public Review Date: May 10, 2019 | Final Action Date: Dec 16, 2019 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 13022-2012, Medical products containing viable human cells -- Application of risk management and requirements for processing practices (identical national adoption of ISO 13022)  
PINS Date: May 8, 2009 | Public Review Date: Oct 29, 2010 | Final Action Date: Jun 18, 2012 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 13408-1-2008 (R2011), Aseptic processing of health care products - Part 1: General requirements (reaffirm a national adoption ANSI/AAMI/ISO 13408-1-2008)  
Public Review Date: Aug 5, 2011 | Final Action Date: Dec 14, 2011 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 13408-1-2008/A1-2013 (R2017), Aseptic processing of health care products - Part 1: General requirements (reaffirm a national adoption ANSI/AAMI/ISO 13408-1-2008/A1-2013)  
Public Review Date: Nov 25, 2016 | Final Action Date: May 18, 2017 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 13408-2-2018, Aseptic processing of health care products - Part 2: Sterilizing filtration (identical national adoption of ISO 13408-2 and revision of ANSI/AAMI/ISO 13408-2-2003 (R2013))  
PINS Date: May 2, 2014 | Public Review Date: Mar 31, 2017 | Final Action Date: Feb 1, 2018 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 13408-3-2012 (R2015), Aseptic processing of health care products - Part 3: Lyophilization (reaffirm a national adoption ANSI/AAMI/ISO 13408-3-2006 (R2012))  
Public Review Date: Feb 13, 2015 | Final Action Date: Jul 13, 2015 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 13408-4-2005 (R2014), Aseptic processing of health care products - Part 4: Clean-in-place technologies (reaffirm a national adoption ANSI/AAMI/ISO 13408-4-2005 (R2012))  
Public Review Date: Jan 31, 2014 | Final Action Date: Oct 13, 2014 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 13408-5-2012 (R2015), Aseptic processing of health care products - Part 5: Sterilization in place (reaffirm a national adoption ANSI/AAMI/ISO 13408-5-2006 (R2012))  
Public Review Date: May 1, 2015 | Final Action Date: Aug 3, 2015 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 13408-6-2005 (R2013), Aseptic processing of health care products - Part 6: Isolator systems (reaffirm a national adoption ANSI/AAMI/ISO 13408-6-2005)  
Public Review Date: Aug 16, 2013 | Final Action Date: Nov 26, 2013 | [Approved](#)

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**AAMI (Association for the Advancement of Medical Instrumentation)**

- ▶ ANSI/AAMI/ISO 13408-6-2005/A1-2013, Aseptic processing of health care products - Part 6: Isolator systems - Amendment 1 (addenda to ANSI/AAMI/ISO 13408-6-2005)  
PINS Date: Sep 23, 2011 | Public Review Date: May 4, 2012 | Final Action Date: Mar 11, 2013 | [Approved](#)
- ▶ ANSI/AAMI/ISO 13408-7-2012 (R2018), Aseptic processing of health care products - Part 7: Alternative processes for atypical medical devices and combination products (reaffirm a national adoption ANSI/AAMI/ISO 13408-7-2012)  
Public Review Date: Aug 4, 2017 | Final Action Date: Aug 17, 2018 | [Approved](#)
- ▶ ANSI/AAMI/ISO 13485 (Ed.3)-2016 (R2019), Medical devices - Quality management systems - Requirements for regulatory purposes (reaffirm a national adoption ANSI/AAMI/ISO 13485 (Ed.3)-2016)  
Public Review Date: Aug 23, 2019 | Final Action Date: Oct 17, 2019 | [Approved](#)
- ▶ ANSI/AAMI/ISO 14117-2019, Active implantable medical devices - Electromagnetic compatibility - EMC test protocols for implantable cardiac pacemakers, implantable cardioverter defibrillators, and cardiac resynchronization devices (identical national adoption of ISO 14117 (under development) and revision of ANSI/AAMI/ISO 14117-2012)  
PINS Date: Oct 31, 2014 | Public Review Date: Apr 19, 2019 | Final Action Date: Oct 7, 2019 | [Approved](#)
- ▶ ANSI/AAMI/ISO 14155-2020, Clinical investigation of medical devices for human subjects — Good clinical practice (identical national adoption of ISO 14155 and revision of ANSI/AAMI/ISO 14155-2010)  
PINS Date: Aug 30, 2019 | Public Review Date: Mar 13, 2020 | Final Action Date: Dec 7, 2020 | [Approved](#)
- ▶ ANSI/AAMI/ISO 14160-2011 (R2016), Sterilization of health care products--Liquid chemical sterilizing agents for single-use medical devices utilizing animal tissues and their derivatives--Requirements for characterization, development, validation and routine control of a sterilization process for medical devices (reaffirm a national adoption ANSI/AAMI/ISO 14160-2011)  
Public Review Date: Aug 28, 2015 | Final Action Date: Nov 17, 2016 | [Approved](#)
- ▶ ANSI/AAMI/ISO 14161-2009 (R2014), Sterilization of health care products - Biological indicators - Guidance for the selection, use and interpretation of results (reaffirm a national adoption ANSI/AAMI/ISO 14161-2009)  
Public Review Date: Nov 8, 2013 | Final Action Date: Apr 2, 2014 | [Approved](#)
- ▶ ANSI/AAMI/ISO 14708-1-2014, Implants for surgery - Active implantable medical devices - Part 1: General requirements for safety, marking and for information to be provided by the manufacturer (identical national adoption of ISO 14708-1:2014)  
PINS Date: Mar 21, 2014 | Public Review Date: May 9, 2014 | Final Action Date: Oct 8, 2014 | [Approved](#)
- ▶ ANSI/AAMI/ISO 14708-3-2017, Implants for surgery - Active implantable medical devices - Part 3: Implantable neurostimulators (identical national adoption of ISO 14708-3, Ed. 2 (in development) and revision of ANSI/AAMI/ISO 14708-3-2008 (R2011))  
PINS Date: Oct 28, 2011 | Public Review Date: Aug 28, 2015 | Final Action Date: Mar 2, 2017 | [Approved](#)
- ▶ ANSI/AAMI/ISO 14708-4-2008 (R2011), Implants for surgery - Active implantable medical devices - Part 4: Implantable infusion pumps (reaffirm a national adoption ANSI/AAMI/ISO 14708-4-2008)  
Public Review Date: Jun 17, 2011 | Final Action Date: Nov 16, 2011 | [Approved](#)
- ▶ ANSI/AAMI/ISO 14937-2009 (R2013), Sterilization of health care products -- General requirements for characterization of a sterilizing agent and the development, validation and routine control of a sterilization process for medical devices (reaffirm a national adoption ANSI/AAMI/ISO 14937-2000)  
PINS Date: Feb 2, 2007 | Public Review Date: Aug 2, 2013 | Final Action Date: Dec 2, 2013 | [Approved](#)
- ▶ ANSI/AAMI/ISO 14971-2019, Medical devices - Application of risk management to medical devices (identical national adoption of ISO 14971 and revision of ANSI/AAMI/ISO 14971-2007 (Ed 2, vers 2) (R2016))  
PINS Date: Dec 16, 2016 | Public Review Date: Mar 8, 2019 | Final Action Date: May 10, 2019 | [Approved](#)

**AAMI (Association for the Advancement of Medical Instrumentation)**

- ▶ ANSI/AAMI/ISO 15223-1-2022, Medical devices – Symbols to be used with information to be supplied by the manufacturer – Part 1: General requirements (identical national adoption of ISO 15223-1:2021 and revision of ANSI/AAMI/ISO 15223-1:2016)  
Public Review Date: May 13, 2022 | Final Action Date: Jan 9, 2023 | [Approved](#)
- ▶ ANSI/AAMI/ISO 15223-2-2016, Medical devices - Symbols to be used with medical device labels, labeling and information to be supplied - Part 2: Symbol development, selection and validation (reaffirm a national adoption ANSI/AAMI/ISO 15223-2:2010)  
Public Review Date: Oct 23, 2015 | Final Action Date: Apr 7, 2016 | [Approved](#)
- ▶ ANSI/AAMI/ISO 15674-2016, Cardiovascular implants and artificial organs - Hardshell cardiotomy/venous reservoir systems (with/without filter) and soft venous reservoir bags (identical national adoption of ISO 15674 and revision of ANSI/AAMI/ISO 15674-2009 (R2014))  
Public Review Date: Mar 27, 2015 | Final Action Date: Nov 7, 2016 | [Approved](#)
- ▶ ANSI/AAMI/ISO 15675-2016, Cardiovascular implants and artificial organs - Cardiopulmonary bypass systems - Arterial blood line filters (identical national adoption of ISO 15675 and revision of ANSI/AAMI/ISO 15675-2009 (R2014))  
Public Review Date: Mar 27, 2015 | Final Action Date: Nov 7, 2016 | [Approved](#)
- ▶ ANSI/AAMI/ISO 15676-2016, Cardiovascular implants and artificial organs - Requirements for single-use tubing packs for cardiopulmonary bypass and extracorporeal membrane oxygenation (ECMO) (identical national adoption of ISO 15676)  
PINS Date: Apr 10, 2015 | Public Review Date: May 8, 2015 | Final Action Date: Nov 7, 2016 | [Approved](#)
- ▶ ANSI/AAMI/ISO 15882-2008 (R2013), Sterilization of health care products - Chemical indicators - Guidance for selection, use and interpretation of results (reaffirm a national adoption ANSI/AAMI/ISO 15882-2008)  
Public Review Date: Jun 28, 2013 | Final Action Date: Oct 4, 2013 | [Approved](#)
- ▶ ANSI/AAMI/ISO 16142-1-2016, Medical devices - Recognized essential principles of safety and performance of medical devices - Part 1: General essential principles and additional specific essential principles for all non-IVD medical devices and guidance on the selection of standards (revision and partition of ISO 16142)  
PINS Date: Dec 11, 2015 | Public Review Date: Feb 19, 2016 | Final Action Date: Jul 7, 2016 | [Approved](#)
- ▶ ANSI/AAMI/ISO 16142-2-2017, Medical devices - Recognized essential principles of safety and performance of medical devices - Part 2: General essential principles and additional specific essential principles for all IVD medical devices and guidance on the selection of standards (revision and partition of ISO 16142)  
PINS Date: Dec 11, 2015 | Public Review Date: Jul 22, 2016 | Final Action Date: Jul 31, 2017 | [Approved](#)
- ▶ ANSI/AAMI/ISO 17664-1-2022, Processing of health care products — Information to be provided by the medical device manufacturer for the processing of medical devices — Part 1: Critical and semi-critical medical devices (identical national adoption of ISO 17664-1:2021 and revision of ANSI/AAMI/ISO 17664-2017)  
PINS Date: Mar 26, 2021 | Public Review Date: Jan 28, 2022 | Final Action Date: Jan 9, 2023 | [Approved](#)
- ▶ ANSI/AAMI/ISO 17664-2-2022, Processing of health care products — Information to be provided by the medical device manufacturer for the processing of medical devices — Part 2: Non-critical medical devices (identical national adoption of ISO 17664-2:2021)  
PINS Date: Mar 26, 2021 | Public Review Date: Jan 28, 2022 | Final Action Date: Jan 9, 2023 | [Approved](#)
- ▶ ANSI/AAMI/ISO 17665-1-2005 (R2013), Sterilization of health care products -- Moist heat -- Part 1: Requirements for the development, validation and routine control of a sterilization process for medical devices (reaffirm a national adoption ANSI/AAMI/ISO 17665-1-2005)  
Public Review Date: Aug 2, 2013 | Final Action Date: Dec 2, 2013 | [Approved](#)
- ▶ ANSI/AAMI/ISO 18241-2016, Cardiovascular implants and extracorporeal systems - Cardiopulmonary bypass systems - Venous bubble traps (identical national adoption of ISO 18241)  
PINS Date: Dec 14, 2012 | Public Review Date: Mar 27, 2015 | Final Action Date: Nov 7, 2016 | [Approved](#)

**AAMI (Association for the Advancement of Medical Instrumentation)**

- ▶ ANSI/AAMI/ISO 18242-2016, Cardiovascular implants and extracorporeal systems - Centrifugal blood pumps (identical national adoption of ISO 18242)  
PINS Date: Dec 14, 2012 | Public Review Date: Mar 27, 2015 | Final Action Date: Nov 7, 2016 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 18472-2022, Sterilization of health care products — Biological and chemical indicators — Test equipment (identical national adoption of ISO 18472:2018)  
PINS Date: Feb 12, 2021 | Public Review Date: May 28, 2021 | Final Action Date: Aug 24, 2022 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 20857-2010 (R2015), Sterilization of health care products - Dry heat: Requirements for the development, validation and routine control of a sterilization process for medical devices (reaffirm a national adoption ANSI/AAMI/ISO 20857-2010)  
Public Review Date: Aug 28, 2015 | Final Action Date: Dec 7, 2015 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 22442-1-2016, Medical devices utilizing animal tissues and their derivatives - Part 1: Application of risk management (identical national adoption of ISO 22442-1 and revision of ANSI/AAMI/ISO 22442-1-2007 (R2011))  
PINS Date: Sep 11, 2015 | Public Review Date: Nov 27, 2015 | Final Action Date: Nov 17, 2016 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 22442-2-2016, Medical devices utilizing animal tissues and their derivatives - Part 2: Controls on sourcing, collection and handling (identical national adoption of ISO 22442-2 and revision of ANSI/AAMI/ISO 22442-2-2007 (R2011))  
PINS Date: Aug 28, 2015 | Public Review Date: Nov 27, 2015 | Final Action Date: Nov 17, 2016 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 22442-3-2007 (R2016), Medical devices utilizing animal tissues and their derivatives - Part 3: Validation of the elimination and/or inactivation of viruses and transmissible spongiform encephalopathy (TSE) agents (reaffirm a national adoption ANSI/AAMI/ISO 22442-3-2007 (R2011))  
Public Review Date: Aug 28, 2015 | Final Action Date: Nov 22, 2016 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 23500-1-2019, Preparation and quality management of fluids for haemodialysis and related therapies — Part 1: General requirements (identical national adoption of ISO 23500-1 and revision of ANSI/AAMI 23500-2014)  
PINS Date: Jul 1, 2016 | Public Review Date: Sep 6, 2019 | Final Action Date: Jan 28, 2020 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 23500-2-2019, Preparation and quality management of fluids for haemodialysis and related therapies — Part 2: Water treatment equipment for haemodialysis applications and related therapies (identical national adoption of ISO 23500-2 and revision of ANSI/AAMI 26722:2014)  
PINS Date: Jul 1, 2016 | Public Review Date: Sep 6, 2019 | Final Action Date: Jan 28, 2020 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 23500-3-2019, Preparation and quality management of fluids for haemodialysis and related therapies — Part 3: Water for haemodialysis and related therapies (identical national adoption of ISO/DIS 23500-3 and revision of ANSI/AAMI 13959:2014)  
PINS Date: Jul 1, 2016 | Public Review Date: Sep 6, 2019 | Final Action Date: Jan 28, 2020 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 23500-4-2019, Preparation and quality management of fluids for haemodialysis and related therapies —Part 4: Concentrates for haemodialysis and related therapies (identical national adoption of ISO 23500-4 and revision of ANSI/AAMI 13958-2014)  
PINS Date: Jul 1, 2016 | Public Review Date: Sep 6, 2019 | Final Action Date: Jan 28, 2020 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 23500-5-2019, Preparation and quality management of fluids for haemodialysis and related therapies — Part 5: Quality of dialysis fluid for haemodialysis and related therapies (identical national adoption of ISO 23500-5 and revision of ANSI/AAMI 11663-2014)  
PINS Date: Jul 1, 2016 | Public Review Date: Sep 6, 2019 | Final Action Date: Jan 28, 2020 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 25539-1-2017, Cardiovascular implants - Endovascular devices - Part 1: Endovascular prostheses (identical national adoption of ISO 25539-1 and revision of ANSI/AAMI/ISO 25539-1-2003 (R2014), ANSI/AAMI/ISO 25539-1-2003/A1-2005 (R2014))  
Public Review Date: Mar 27, 2015 | Final Action Date: May 25, 2017 | [Approved](#)

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**AAMI (Association for the Advancement of Medical Instrumentation)**

- ▶ ANSI/AAMI/ISO 25539-2-2012, Cardiovascular implants - Endovascular devices - Part 2: Vascular stents (identical national adoption of ISO 25539-2 and revision of ANSI/AAMI/ISO 25539-2-2008)  
PINS Date: Dec 16, 2011 | Public Review Date: Aug 24, 2012 | Final Action Date: Dec 4, 2012 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 25539-2-2022, Cardiovascular implants - Endovascular devices - Part 2: Vascular stents (new standard)  
PINS Date: Oct 23, 2020 | Public Review Date: Dec 4, 2020 | Final Action Date: Dec 29, 2022 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 25539-3-2012 (R2015), Cardiovascular Implants - Endovascular Devices - Part 3: Vena Cava Filters (reaffirm a national adoption ANSI/AAMI/ISO 25539-3-2012)  
Public Review Date: Sep 4, 2015 | Final Action Date: Nov 24, 2015 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 27185-2012 (R2017), Cardiac rhythm management devices - Symbols to be used with cardiac rhythm management device labels, and information to be supplied - General requirements (reaffirm a national adoption ANSI/AAMI/ISO 27185-2012)  
Public Review Date: Feb 3, 2017 | Final Action Date: Jun 1, 2017 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 5840-1-2022, Cardiovascular implants - Cardiac valve prostheses - Part 1: General requirements (identical national adoption of ISO 5840-1:202x and revision of ANSI/AAMI/ISO 5840-1-2015)  
PINS Date: Oct 23, 2020 | Public Review Date: Dec 4, 2020 | Final Action Date: Aug 25, 2022 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 5840-2-2022, Cardiovascular implants - Cardiac valve prostheses - Part 2: Surgically implanted heart valve substitutes (identical national adoption of ISO 5840-2:202x and revision of ANSI/AAMI/ISO 5840-2-2015)  
PINS Date: Oct 23, 2020 | Public Review Date: Dec 4, 2020 | Final Action Date: Aug 25, 2022 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 5840-3-2022, Cardiovascular implants - Cardiac valve prostheses - Part 3: Heart valve substitutes implanted by transcatheter techniques (identical national adoption of ISO 5840-3:202x and revision of ANSI/AAMI/ISO 5840-3-2012)  
PINS Date: Oct 23, 2020 | Public Review Date: Dec 4, 2020 | Final Action Date: Aug 25, 2022 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 7198, Ed. 4-2016, Cardiovascular implants and extracorporeal systems - Vascular Prostheses - Tubular vascular grafts and vascular patches (identical national adoption of ISO/DIS 7198 and revision of ANSI/AAMI/ISO 7198-2001 (R2010))  
PINS Date: Aug 20, 2010 | Public Review Date: Aug 15, 2014 | Final Action Date: Aug 2, 2016 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 7199-2009/A1-2011 (R2014), Cardiovascular implants and artificial organs - Blood-gas exchangers (oxygenators) Amendment 1 (reaffirm a national adoption ANSI/AAMI/ISO 7199-2009/A1-2011)  
Public Review Date: Jan 3, 2014 | Final Action Date: Apr 4, 2014 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 7199-2016, Cardiovascular implants and artificial organs - Blood-gas exchangers (oxygenators) (identical national adoption of ISO 7199 and revision of ANSI/AAMI/ISO 7199-2009 (R2014), ANSI/AAMI/ISO 7199-2009/A1-2011 (R2014))  
Public Review Date: Mar 27, 2015 | Final Action Date: Dec 6, 2016 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 80369-1-2018, Small-bore connectors for liquids and gases in healthcare applications -- Part 1: General requirements (revision of ANSI/AAMI/ISO 80369-1-2010)  
PINS Date: Oct 4, 2013 | Public Review Date: Sep 22, 2017 | Final Action Date: Dec 16, 2019 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 80369-20-2015, Small-bore connectors for liquids and gases in healthcare applications - Part 20: Common test methods (identical national adoption of ISO 80369-20)  
PINS Date: May 24, 2013 | Public Review Date: Sep 27, 2013 | Final Action Date: Apr 20, 2015 | [Approved](#)

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- ▶ ANSI/AAMI/ISO 80369-3-2016, Small-bore connectors for liquids and gases in healthcare applications - Part 3: Connectors for enteral applications (identical national adoption of ISO 80369-3)  
PINS Date: Nov 12, 2010 | Public Review Date: Sep 19, 2014 | Final Action Date: Aug 3, 2016 | [Approved](#)

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**AAMI (Association for the Advancement of Medical Instrumentation)**

- ▶ ANSI/AAMI/ISO 80369-3/Amd1-2019, ISO 80369-3:2016 Small-bore connectors for liquids and gases in healthcare applications -- Part 3: Connectors for enteral applications/Amd1 (identical national adoption of ISO 80369-3)  
PINS Date: Nov 16, 2018 | Public Review Date: Dec 21, 2018 | Final Action Date: Dec 16, 2019 | [Approved](#)
- ▶ ANSI/AAMI/ISO 80369-5-2016, Small-bore connectors for liquids and gases in healthcare application - Part 5: Connectors for limb cuff inflation applications (identical national adoption of IEC-ISO 80369-5)  
PINS Date: Nov 12, 2010 | Public Review Date: Feb 7, 2014 | Final Action Date: Jul 1, 2016 | [Approved](#)
- ▶ ANSI/AAMI/ISO 80369-6-2016, Small-bore connectors for liquids and gases in healthcare applications -- Part 6: Connectors for neuraxial applications (identical national adoption of ISO 80369-6)  
PINS Date: Jun 11, 2010 | Public Review Date: Sep 19, 2014 | Final Action Date: Mar 15, 2016 | [Approved](#)
- ▶ ANSI/AAMI/ISO 80369-7-2016, Small-bore connectors for liquids and gases in healthcare applications - Part 7: Connectors with 6% (Luer) taper for intravascular or hypodermic applications (identical national adoption of ISO 80369-7)  
PINS Date: Apr 20, 2012 | Public Review Date: Aug 16, 2013 | Final Action Date: Sep 27, 2016 | [Approved](#)
- ▶ ANSI/AAMI/ISO 81060-1-2007 (R2010), Non-invasive sphygmomanometers - Part 1: Requirements and test methods for non-automated measurement type (reaffirm a national adoption ANSI/AAMI/ISO 81060-1-2007)  
Public Review Date: Nov 2, 2012 | Final Action Date: Jun 26, 2013 | [Approved](#)
- ▶ ANSI/AAMI/ISO 81060-2-2019, Non-invasive sphygmomanometers: Part 2: Clinical investigation of intermittent automated measurement type (identical national adoption of ISO 81060-2 and revision of ANSI/AAMI/ISO 81060-2:2013)  
PINS Date: Nov 16, 2018 | Public Review Date: Jan 11, 2019 | Final Action Date: May 10, 2019 | [Approved](#)
- ▶ ANSI/AAMI/ISO 8637-1-2017, Extracorporeal systems for blood purification — Part 1: Haemodialysers, haemodiafilters, haemofilters and haemoconcentrators (identical national adoption of ISO 8637-1 and revision of ANSI/AAMI/ISO 8637-2010 (R2015), AM1-2013 (R2015) )  
PINS Date: Mar 11, 2016 | Public Review Date: Mar 27, 2020 | Final Action Date: Jul 21, 2020 | [Approved](#)
- ▶ ANSI/AAMI/ISO 8637-2-2018, Extracorporeal systems for blood purification - Part 2: Extracorporeal blood circuit for haemodialysers, haemodiafilters and haemofilters (identical national adoption of ISO 8637-2 and revision of ANSI/AAMI/ISO 8638-2010 (R2015))  
PINS Date: Mar 11, 2016 | Public Review Date: Mar 27, 2020 | Final Action Date: Jul 21, 2020 | [Approved](#)
- ▶ ANSI/AAMI/ISO 8637-2010 (R2015), AM1-2013 (R2015) , Cardiovascular Implants and Extracorporeal Systems - Hemodialyzers, Hemodiafilters, Hemofilters and Hemoconcentrators (reaffirm a national adoption ANSI/AAMI/ISO 8637-2010)  
Public Review Date: Sep 4, 2015 | Final Action Date: Nov 20, 2015 | [Approved](#)
- ▶ ANSI/AAMI/ISO 8637-3-2018, Extracorporeal systems for blood purification — Part 3: Plasmafilters (identical national adoption of ISO 8637-3:2018)  
PINS Date: Mar 11, 2016 | Public Review Date: Mar 27, 2020 | Final Action Date: Jul 21, 2020 | [Approved](#)
- ▶ ANSI/AAMI/IEC 81060-2-2013, Non-invasive sphygmomanometers - Part 2: Clinical validation of automated measurement type (identical national adoption of ISO 81060-2:20xx and revision of ANSI/AAMI/ISO 81060-2-2009)  
PINS Date: Apr 15, 2011 | Public Review Date: Mar 9, 2012 | Final Action Date: Jun 26, 2013 | [Approved](#)

**AARST (American Association of Radon Scientists and Technologists)**

- ▶ ANSI/AARST CC-1000-2018, Soil Gas Control Systems in New Construction of Buildings (revision of ANSI/AARST CC-1000-2017)  
Public Review Date: May 19, 2017 | Final Action Date: Dec 11, 2017 | [Approved](#)

**AARST (American Association of Radon Scientists and Technologists)**

- ▶ ANSI/AARST CCAH-2022, Reducing Radon in New Construction of 1 & 2 Family Dwellings and Townhouses (revision of ANSI/AARST CCAH-2020)

Public Review Date: Jul 22, 2022 | Final Action Date: Oct 14, 2022 | [Approved](#)

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- ▶ ANSI/AARST MA-MFLB-2022, Protocol for Conducting Measurements of Radon and Radon Decay Products in Multifamily, School, Commercial and Mixed-Use Buildings (revision, redesignation and consolidation of ANSI/AARST MALB-2014, ANSI/AARST MALB 01-Addenda-2021, ANSI/AARST MAMF-2017, ANSI/AARST MAMF 01-Addenda-2021)

Public Review Date: Jun 17, 2022 | Final Action Date: Oct 19, 2022 | [Approved](#)

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- ▶ ANSI/AARST MAH-2019, Protocol for Conducting Measurements of Radon and Radon Decay Products in Homes (revision of ANSI/AARST MAH-2014)

Public Review Date: Apr 5, 2019 | Final Action Date: Jun 28, 2019 | [Approved](#)

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- ▶ ANSI/AARST MAH-2022, Protocol for Conducting Measurements of Radon and Radon Decay Products in Homes (revision of ANSI/AARST MAH-2019)

Public Review Date: Oct 28, 2022 | Final Action Date: Dec 20, 2022 | [Approved](#)

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- ▶ ANSI/AARST MS-PC-2015, Performance Specifications for Instrumentation Systems Designed to Measure Radon Gas in Air (new standard)

PINS Date: Aug 17, 2007 | Public Review Date: Sep 19, 2014 | Final Action Date: May 26, 2015 | [Approved](#)

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- ▶ ANSI/AARST MS-PC-2022, Performance Specifications for Instrumentation Systems Designed to Measure Radon Gas in Air (revision of ANSI/AARST MS-PC-2015)

Public Review Date: May 21, 2021 | Final Action Date: Jan 7, 2022 | [Approved](#)

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- ▶ ANSI/AARST MS-QA-2022, Radon Measurement Systems Quality Assurance (revision of ANSI/AARST MS-QA-2019)

Public Review Date: Jun 17, 2022 | Final Action Date: Oct 12, 2022 | [Approved](#)

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- ▶ ANSI/AARST MW-RN-2020, Protocol for the Collection, Transfer and Measurement of Radon in Water (new standard)

PINS Date: Mar 24, 2017 | Public Review Date: Apr 17, 2020 | Final Action Date: Sep 3, 2020 | [Approved](#)

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- ▶ ANSI/AARST RMS-LB-2018, Radon Mitigation Standards for Schools and Large Buildings (revision of ANSI/AARST RMS-LB-2014)

Public Review Date: Jun 23, 2017 | Final Action Date: Dec 11, 2017 | [Approved](#)

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- ▶ ANSI/AARST RMS-LB-2020, Radon Mitigation Standards for Schools and Large Buildings (revision of ANSI/AARST RMS-LB-2018)

Public Review Date: Oct 9, 2020 | Final Action Date: Nov 12, 2020 | [Approved](#)

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- ▶ ANSI/AARST RMS-MF-2018, Radon Mitigation Standards for Multifamily Buildings (revision of ANSI/AARST RMS-MF-2014)

Public Review Date: Jun 23, 2017 | Final Action Date: Dec 11, 2017 | [Approved](#)

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- ▶ ANSI/AARST RMS-MF-2020, Radon Mitigation Standards for Multifamily Buildings (revision of ANSI/AARST RMS-MF-2018)

Public Review Date: Oct 9, 2020 | Final Action Date: Nov 12, 2020 | [Approved](#)

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- ▶ ANSI/AARST RRNC-2022, Rough-in of Radon Control Components in New Construction of 1 & 2 Family Dwellings and Townhouses (revision of ANSI/AARST RRNC-2020)

Public Review Date: Jul 22, 2022 | Final Action Date: Oct 14, 2022 | [Approved](#)

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- ▶ ANSI/AARST SGM-SF-2017, Soil Gas Mitigation Standards for Existing Homes (new standard)

PINS Date: Apr 18, 2014 | Public Review Date: Jul 15, 2016 | Final Action Date: Jan 12, 2017 | [Approved](#)

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**AARST (American Association of Radon Scientists and Technologists)**

- ▶ ANSI/AARST SGM-SF-2020, Soil Gas Mitigation Standards in Existing Homes (revision of ANSI/AARST SGM-SF-2017)  
Public Review Date: Oct 9, 2020 | Final Action Date: Nov 12, 2020 | [Approved](#)
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**ABMA (American Brush Manufacturers Association)**

1432 Riverwalk Ct., P.O. Box 102, Waterville, OH 43566 | w: [www.abma.org](http://www.abma.org)

- ▶ ANSI B165.1-2019, Power Driven Brushing Tools -Safety Requirements for Design, Care and Use (revision of ANSI B165.1-2013)  
PINS Date: Aug 17, 2018 | Public Review Date: Nov 2, 2018 | Final Action Date: Jan 11, 2019 | [Approved](#)
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**ABMA (ASC B3) (American Bearing Manufacturers Association)**

1001 N. Fairfax Street, Suite 500, Alexandria, VA 22314 | w: [www.americanbearings.org](http://www.americanbearings.org)

- ▶ ANSI ABMA 9-2015 (R2020), Load Ratings and Fatigue Life for Ball Bearings (reaffirmation of ANSI ABMA 9-2015)  
Public Review Date: Jun 26, 2020 | Final Action Date: Nov 2, 2020 | [Approved](#)
- ▶ ANSI ABMA ISO 12240-1-AXX-2021, Spherical plain bearings — Part 1: Radial spherical plain bearings (identical national adoption of ISO 12240-1:1998 and revision of ANSI/ABMA/ISO 12240-1-1998 (S2010))  
PINS Date: Dec 4, 2020 | Public Review Date: Jan 8, 2021 | Final Action Date: Jul 23, 2021 | [Approved](#)
- ▶ ANSI ABMA ISO 12240-2-AXX-2021, Spherical plain bearings - Part 2: Angular contact radial spherical plain bearings (identical national adoption of ISO 12240-2:1998)  
PINS Date: Dec 4, 2020 | Public Review Date: Jan 8, 2021 | Final Action Date: Jul 23, 2021 | [Approved](#)
- ▶ ANSI ABMA ISO 12240-3-AXX-2021, Spherical plain bearings - Part 3: Thrust spherical plain bearings (identical national adoption of ISO 12240-3:1998)  
PINS Date: Dec 4, 2020 | Public Review Date: Jan 8, 2021 | Final Action Date: Jul 23, 2021 | [Approved](#)
- ▶ ANSI ABMA ISO 12240-4-AXX-2021, Spherical plain bearings - Part 4: Spherical plain bearing rod ends (identical national adoption of ISO 12240-4:1998)  
PINS Date: Dec 4, 2020 | Public Review Date: Jan 8, 2021 | Final Action Date: Aug 2, 2021 | [Approved](#)
- ▶ ANSI ABMA/ISO 15242-4-2018, , Rolling Bearings -- Measuring Methods For Vibration -- Part 4: Radial Cylindrical Roller Bearings With Cylindrical Bore And Outside Surface (identical national adoption of ISO 15242-4:2017 and revision of ANSI ABMA/ISO 15242-4-2012)  
PINS Date: Sep 15, 2017 | Public Review Date: Dec 22, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)
- ▶ ANSI B3.1-1992 (S2020], Rolling Element Bearings - Aircraft Engine, Engine Gearbox, and Accessory Applications - Eddy Current Inspection (stabilized maintenance of ANSI B3.1-1992 (R2008))  
PINS Date: Dec 25, 2009 | Public Review Date: Mar 26, 2010 | Final Action Date: May 19, 2010 | [Approved](#)
- ▶ ANSI B3.2-1992 (S2020], Rolling Element Bearings - Aircraft Engine, Engine Gearbox, and Accessory Applications - Surface Visual Inspection (stabilized maintenance of ANSI B3.2-1992 (R2008))  
PINS Date: Dec 25, 2009 | Public Review Date: Mar 26, 2010 | Final Action Date: May 19, 2010 | [Approved](#)
- ▶ ANSI B3.3-1992 (S2020], Rolling Element Bearings - Aircraft Engine, Engine Gearbox, and Accessory Applications - Surface Temper Etch (stabilized maintenance of ANSI B3.3-1992 (R2008))  
PINS Date: Dec 25, 2009 | Public Review Date: Mar 26, 2010 | Final Action Date: May 19, 2010 | [Approved](#)
- ▶ ANSI/ABMA 10A-2001 (R2020), Metal Balls for Unground Bearings and Other Uses (reaffirmation of ANSI/ABMA 10A-2001 (R2015))  
PINS Date: Jun 26, 2015 | Public Review Date: Jun 26, 2020 | Final Action Date: Sep 3, 2020 | [Approved](#)
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**ABMA (ASC B3) (American Bearing Manufacturers Association)**

- ▶ ANSI/ABMA 11-2014 (R2020), Load Ratings and Fatigue Life for Roller Bearings (reaffirmation of ANSI/ABMA 11-2014)  
Public Review Date: May 8, 2020 | Final Action Date: Nov 2, 2020 | [Approved](#)

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- ▶ ANSI/ABMA 12.1-1992 (S2020], Instrument Ball Bearings - Metric Design (stabilized maintenance of ANSI/ABMA 12.1-1992 (R2008))  
PINS Date: Dec 25, 2009 | Public Review Date: Mar 26, 2010 | Final Action Date: May 19, 2010 | [Approved](#)

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- ▶ ANSI/ABMA 12.2-1992 (S2020], Instrument Ball Bearings - Inch Design (stabilized maintenance of ANSI/ABMA 12.2-1992 (R2008))  
PINS Date: Dec 25, 2009 | Public Review Date: Mar 26, 2010 | Final Action Date: May 19, 2010 | [Approved](#)

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- ▶ ANSI/ABMA 14-1995 (S2020], Housings for Bearings with Spherical Outside Surfaces (stabilized maintenance of ANSI/ABMA 14-1995 (R2008))  
PINS Date: Dec 25, 2009 | Public Review Date: Mar 26, 2010 | Final Action Date: May 19, 2010 | [Approved](#)

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- ▶ ANSI/ABMA 15-1991 (S2020], Ball Bearings with Spherical Outside Surfaces and Extended Inner Ring Width (Includes Eccentric Locking Collars) (stabilized maintenance of ANSI/ABMA 15-1991 (R2008))  
PINS Date: Dec 25, 2009 | Public Review Date: Mar 26, 2010 | Final Action Date: May 19, 2010 | [Approved](#)

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- ▶ ANSI/ABMA 18.1-1982 (S2013), Radial Needle Roller Bearings, Metric Design (stabilized maintenance of ANSI/ABMA 18.1-1982 (R2009))  
Public Review Date: Nov 1, 2013 | Final Action Date: Jan 10, 2014 | [Approved](#)

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- ▶ ANSI/ABMA 18.2-1982 (S2013), Needle Roller Bearings - Radial, Inch Design (stabilized maintenance of ANSI/ABMA 18.2-1982 (R2008))  
Public Review Date: Nov 1, 2013 | Final Action Date: Jan 10, 2014 | [Approved](#)

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- ▶ ANSI/ABMA 19.1-2011 (R2018), Tapered Roller Bearings - Radial Metric Design (reaffirmation of ANSI/ABMA 19.1-2011) (reaffirmation of ANSI/ABMA 19.1-2011)  
PINS Date: Jul 20, 2018 | Public Review Date: Aug 31, 2018 | Final Action Date: Oct 18, 2018 | [Approved](#)

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- ▶ ANSI/ABMA 19.2-2013 (R2020), Tapered Roller Bearings, Radial Inch Design (reaffirmation of ANSI/ABMA 19.2-2013)  
Public Review Date: May 29, 2020 | Final Action Date: Sep 3, 2020 | [Approved](#)

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- ▶ ANSI/ABMA 20-2011 (R2020), Radial Bearings of Ball, Cylindrical Roller and Spherical Roller Types - Metric Design (reaffirmation of ANSI/ABMA 20-2011)  
Public Review Date: May 8, 2020 | Final Action Date: Sep 8, 2020 | [Approved](#)

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- ▶ ANSI/ABMA 21.1-1988 (S2020], Thrust Needle Roller and Cage Assemblies and Thrust Washers - Metric Design (stabilized maintenance of ANSI/ABMA 21.1-1988 (R2009))  
PINS Date: Dec 25, 2009 | Public Review Date: Mar 26, 2010 | Final Action Date: May 19, 2010 | [Approved](#)

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- ▶ ANSI/ABMA 21.2-1988 (S2020], Thrust Needle Roller and Cage Assemblies and Thrust Washers - Inch Design (stabilized maintenance of ANSI/ABMA 21.2-1988 (R2008))  
PINS Date: Dec 25, 2009 | Public Review Date: Mar 26, 2010 | Final Action Date: May 19, 2010 | [Approved](#)

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- ▶ ANSI/ABMA 22.2-1988 (S2020], Spherical Plain Radial Bearings, Joint Type - Inch Design (stabilized maintenance of ANSI/ABMA 22.2-1988 (R2008))  
PINS Date: Dec 25, 2009 | Public Review Date: Mar 26, 2010 | Final Action Date: May 19, 2010 | [Approved](#)

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- ▶ ANSI/ABMA 23.2-1988 (S2020], Thrust Bearings of Tapered Roller Type - Inch Design (stabilized maintenance of ANSI/ABMA 23.2-1988 (R2008))  
PINS Date: Dec 25, 2009 | Public Review Date: Mar 26, 2010 | Final Action Date: May 19, 2010 | [Approved](#)

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**ABMA (ASC B3) (American Bearing Manufacturers Association)**

- ▶ ANSI/ABMA 24.1-1989 (S2020], Thrust Bearings of Ball, Cylindrical Roller and Spherical Roller Types - Metric Design (stabilized maintenance of ANSI/ABMA 24.1-1989 (R2008))

PINS Date: Dec 25, 2009 | Public Review Date: Mar 26, 2010 | Final Action Date: May 19, 2010 | [Approved](#)

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- ▶ ANSI/ABMA 24.2-1989 (S2020], Thrust Bearings of Ball and Cylindrical Roller Types - Inch Design (stabilized maintenance of ANSI/ABMA 24.2-1989 (R2008))

PINS Date: Dec 25, 2009 | Public Review Date: Mar 26, 2010 | Final Action Date: May 19, 2010 | [Approved](#)

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- ▶ ANSI/ABMA 25.2-1990 (S2020], Rolling Bearings, Linear Motion Recirculating Ball, Sleeve Type - Inch Series (stabilized maintenance of ANSI/ABMA 25.2-1990 (R2008))

PINS Date: Dec 25, 2009 | Public Review Date: Mar 26, 2010 | Final Action Date: May 19, 2010 | [Approved](#)

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- ▶ ANSI/ABMA 26.2-1994 (S2013), Thin Section Ball Bearings - Inch design (stabilized maintenance of ANSI/ABMA 26.2-1994 (R2008))

Public Review Date: Nov 1, 2013 | Final Action Date: Jan 10, 2014 | [Approved](#)

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- ▶ ANSI/ABMA 4-1994 (S2013), Tolerance Definition and Gauging Practices for Ball and Roller Bearings (stabilized maintenance of ANSI/ABMA 4-1994 (R2008))

Public Review Date: Nov 1, 2013 | Final Action Date: Jan 10, 2014 | [Approved](#)

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- ▶ ANSI/ABMA 7-1995 (S2013), Shaft and Housing Fits for Metric Radial Ball and Roller Bearings (Except Tapered Roller Bearings) Conforming to Basic Boundary Plans (stabilized maintenance of ANSI/ABMA 7-1995 (R2008))

Public Review Date: Nov 1, 2013 | Final Action Date: Jan 10, 2014 | [Approved](#)

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- ▶ ANSI/ABMA 8.1-1990 (S2020], Ball and Roller Bearing Mounting Accessories - Metric Design (stabilized maintenance of ANSI/ABMA 8.1-1990 (R2008))

PINS Date: Dec 25, 2009 | Public Review Date: Mar 26, 2010 | Final Action Date: May 19, 2010 | [Approved](#)

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- ▶ ANSI/ABMA 8.2-1999 (S2020], Ball and Roller Bearing Mounting Accessories - Inch Design (stabilized maintenance of ANSI/ABMA 8.2-1999 (R2008))

PINS Date: Dec 25, 2009 | Public Review Date: Mar 26, 2010 | Final Action Date: May 19, 2010 | [Approved](#)

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- ▶ ANSI/ABMA/ISO 10285-2009 (R2015), Rolling bearings - Sleeve type linear ball bearings - Boundary dimensions and tolerances (reaffirm a national adoption ANSI/ABMA/ISO 10285-2009)

PINS Date: Sep 26, 2014 | Public Review Date: Nov 14, 2014 | Final Action Date: Jan 8, 2015 | [Approved](#)

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- ▶ ANSI/ABMA/ISO 104-2016, Rolling bearings - Thrust bearings - Boundary dimensions, general plan (revision of ANSI/ABMA/ISO 104:2014)

PINS Date: Oct 2, 2015 | Public Review Date: Nov 13, 2015 | Final Action Date: Feb 26, 2016 | [Approved](#)

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- ▶ ANSI/ABMA/ISO 12240-1-1998 (S2010), Spherical Plain Bearings - Part 1: Radial Spherical Plain Bearings (stabilized maintenance of ANSI/ABMA/ISO 12240-1-1998 (R2008))

PINS Date: Dec 25, 2009 | Public Review Date: Mar 26, 2010 | Final Action Date: May 19, 2010 | [Approved](#)

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- ▶ ANSI/ABMA/ISO 12240-2-1998 (S2010), Spherical plain bearings - Part 2: Angular contact spherical plain bearings (stabilized maintenance of ANSI/ABMA/ISO 12240-2-1998 (R2009))

PINS Date: Dec 25, 2009 | Public Review Date: Mar 26, 2010 | Final Action Date: May 19, 2010 | [Approved](#)

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- ▶ ANSI/ABMA/ISO 12240-3-1998 (S2010), Spherical plain bearings - Part 3: Thrust spherical plain bearings (stabilized maintenance of ANSI/ABMA/ISO 12240-3-1998 (R2008))

PINS Date: Dec 25, 2009 | Public Review Date: Mar 26, 2010 | Final Action Date: May 19, 2010 | [Approved](#)

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- ▶ ANSI/ABMA/ISO 12240-4-1998 (S2010), Spherical plain bearings - Part 4: Spherical plain bearing rod ends (stabilized maintenance of ANSI/ABMA/ISO 12240-4-1998 (R2008))

PINS Date: Dec 25, 2009 | Public Review Date: Mar 26, 2010 | Final Action Date: May 19, 2010 | [Approved](#)

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**ABMA (ASC B3) (American Bearing Manufacturers Association)**

- ▶ ANSI/ABMA/ISO 15242-1-2016, Rolling bearings - Measuring methods for vibration - Part 1: Fundamentals (identical national adoption of ISO 15242-1:2015)  
PINS Date: Jan 15, 2016 | Public Review Date: Feb 26, 2016 | Final Action Date: Apr 18, 2016 | [Approved](#)
- ▶ ANSI/ABMA/ISO 15242-2-2016, Rolling bearings - Measuring methods for vibration - Part 2: Radial ball bearings with cylindrical bore and outside surface (identical national adoption of ISO 15242-2:2015)  
PINS Date: Jan 15, 2016 | Public Review Date: Feb 26, 2016 | Final Action Date: Apr 18, 2016 | [Approved](#)
- ▶ ANSI/ABMA/ISO 15242-3-2018, Rolling bearings -- Measuring methods for vibration -- Part 3: Radial spherical and tapered roller bearings with cylindrical bore and outside surface (identical national adoption of ISO 15242-3-2017 and revision of ANSI/ABMA/ISO 15242-3-2012)  
PINS Date: Sep 1, 2017 | Public Review Date: Oct 20, 2017 | Final Action Date: Jul 11, 2018 | [Approved](#)
- ▶ ANSI/ABMA/ISO 15243-2017, Rolling bearings - Damage and failures - Terms, characteristics and causes (identical national adoption of ISO 15243-2017)  
PINS Date: May 5, 2017 | Public Review Date: Jun 16, 2017 | Final Action Date: Aug 4, 2017 | [Approved](#)
- ▶ ANSI/ABMA/ISO 199-2014, Rolling bearings - Thrust bearings - Geometrical product specification (GPS) and tolerance values (identical national adoption of ISO 199:2014)  
PINS Date: Aug 15, 2014 | Public Review Date: Oct 10, 2014 | Final Action Date: Dec 4, 2014 | [Approved](#)
- ▶ ANSI/ABMA/ISO 3096:2014, Rolling bearings - Needle rollers - Dimensions and tolerances (identical national adoption of ISO 3096:1996 and revision of ANSI/ABMA/ISO 3096-1998 (S2013))  
PINS Date: Jan 24, 2014 | Public Review Date: Sep 26, 2014 | Final Action Date: Nov 17, 2014 | [Approved](#)
- ▶ ANSI/ABMA/ISO 3290-1:2014, Rolling bearings - Balls - Part 1: Steel balls (identical national adoption of ISO 3290-1:2008 and revision of ANSI/ABMA/ISO 3290-2000 (R2008))  
PINS Date: Jan 31, 2014 | Public Review Date: Jun 13, 2014 | Final Action Date: Aug 1, 2014 | [Approved](#)
- ▶ ANSI/ABMA/ISO 3290-2:2014, Rolling bearings - Balls - Part 2: Ceramic balls (identical national adoption of ISO 3290-2:2008 and revision of ANSI/ABMA/ISO 3290-2000 (R2008))  
PINS Date: Jan 31, 2014 | Public Review Date: Jun 13, 2014 | Final Action Date: Sep 5, 2014 | [Approved](#)
- ▶ ANSI/ABMA/ISO 5593-1997 (S2013), Rolling bearings - Vocabulary (Bilingual edition) (stabilized maintenance of ANSI/ABMA/ISO 5593-1997 (R2008))  
Public Review Date: Nov 1, 2013 | Final Action Date: Jan 10, 2014 | [Approved](#)

**ABTG (Applied Building Technology Group)**

6300 Enterprise Lane, Madison, WI 53719 | w: [www.appliedbuildingtech.com](http://www.appliedbuildingtech.com)

- ▶ ANSI/ABTG FS 200.1-2022, Standard for Use of Foam Plastic Insulating Sheathing (FPIS) in Building Envelopes: Above-grade Walls (new standard)  
PINS Date: Apr 28, 2017 | Public Review Date: Apr 8, 2022 | Final Action Date: Oct 20, 2022 | [Approved](#)
- ▶ ANSI/SBCA FS 100-2012 (R2018), Standard Requirements for Wind Pressure Resistance of Foam Plastic Insulating Sheathing Used in Exterior Wall Covering Assemblies (reaffirmation of ANSI/SBCA FS 100-2012)  
Public Review Date: Jun 22, 2018 | Final Action Date: Oct 11, 2018 | [Approved](#)

**ABYC (American Boat and Yacht Council)**

613 Third Street, Suite 10, Annapolis, MD 21403 | w: [www.abycinc.org](http://www.abycinc.org)

- ▶ ANSI/ABYC A-1-2018, MARINE LIQUEFIED PETROLEUM GAS (LPG) SYSTEMS (revision of ANSI/ABYC A-1-2013)  
PINS Date: Oct 13, 2017 | Public Review Date: Mar 2, 2018 | Final Action Date: Jun 15, 2018 | [Approved](#)
- ▶ ANSI/ABYC A-14-2020, Gasoline And Propane Gas Detection Systems (revision of ANSI/ABYC A-14-2015)  
PINS Date: Sep 27, 2019 | Public Review Date: Mar 27, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)

**ABYC (American Boat and Yacht Council)**

- ▶ ANSI/ABYC A-16-2021, Installation Of Electric Navigation Lights (revision of ANSI/ABYC A-16-2016)  
PINS Date: Dec 4, 2020 | Public Review Date: Jun 4, 2021 | Final Action Date: Jul 8, 2021 | [Approved](#)

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- ▶ ANSI/ABYC A-22-2018, Marine Compressed Natural Gas (CNG) Systems (revision of ANSI/ABYC A-22-2012)  
PINS Date: Oct 27, 2017 | Public Review Date: Apr 20, 2018 | Final Action Date: Jun 22, 2018 | [Approved](#)

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- ▶ ANSI/ABYC A-23-2020, Sound Signal Appliances (revision of ANSI/ABYC A-23-2018)  
PINS Date: Nov 8, 2019 | Public Review Date: Mar 13, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)

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- ▶ ANSI/ABYC A-24-2020, INSTALLATION OF CARBON MONOXIDE DETECTORS AND ALARMS (revision of ANSI/ABYC A-24-2015)  
PINS Date: Sep 27, 2019 | Public Review Date: May 8, 2020 | Final Action Date: Jul 6, 2020 | [Approved](#)

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- ▶ ANSI/ABYC A-26-2018, LPG AND CNG FUELED APPLIANCES (revision of ANSI/ABYC A-26-2012)  
PINS Date: Oct 27, 2017 | Public Review Date: Mar 16, 2018 | Final Action Date: Jun 15, 2018 | [Approved](#)

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- ▶ ANSI/ABYC A-27-2021, Alternating Current (AC) Generator Sets (revision of ANSI/ABYC A-27-2016)  
PINS Date: Oct 16, 2020 | Public Review Date: Apr 16, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ ANSI/ABYC A-28-2019, Galvanic Isolators (new standard)  
PINS Date: Aug 24, 2018 | Public Review Date: Feb 22, 2019 | Final Action Date: Jun 28, 2019 | [Approved](#)

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- ▶ ANSI/ABYC A-3-2021, Cooking Appliances (revision of ANSI/ABYC A-3-2013)  
Public Review Date: Apr 16, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ ANSI/ABYC A-30-2018, COOKING APPLIANCES WITH INTEGRAL LPG CYLINDERS (revision of ANSI/ABYC A-30-2013)  
PINS Date: Oct 20, 2017 | Public Review Date: Mar 16, 2018 | Final Action Date: Jun 15, 2018 | [Approved](#)

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- ▶ ANSI/ABYC A-31-2020, Battery Chargers And Inverters (revision of ANSI/ABYC A-31-2015)  
PINS Date: Sep 27, 2019 | Public Review Date: Mar 27, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)

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- ▶ ANSI/ABYC A-32-2022, AC Power Conversion Equipment And Systems (revision of ANSI/ABYC A-32-2017)  
PINS Date: Oct 8, 2021 | Public Review Date: Mar 4, 2022 | Final Action Date: Jul 11, 2022 | [Approved](#)

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- ▶ ANSI/ABYC A-33-2020, Emergency Engine/Propulsion Cut-Off Devices (revision of ANSI/ABYC A-33-2018)  
PINS Date: Nov 22, 2019 | Public Review Date: Mar 20, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)

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- ▶ ANSI/ABYC A-4-2018, Fire Fighting Equipment (new standard)  
PINS Date: Oct 24, 2014 | Public Review Date: Mar 2, 2018 | Final Action Date: Jul 18, 2018 | [Approved](#)

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- ▶ ANSI/ABYC A-6-2018, Refrigeration And Air Conditioning Equipment (new standard)  
PINS Date: Oct 20, 2017 | Public Review Date: Apr 20, 2018 | Final Action Date: Jun 15, 2018 | [Approved](#)

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- ▶ ANSI/ABYC A-7-2021, Liquid And Solid Fueled Boat Heating Systems (new standard)  
PINS Date: Nov 2, 2012 | Public Review Date: Apr 16, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ ANSI/ABYC C-1-2021, Primer Bulbs (revision of ANSI/ABYC C-1-2016)  
PINS Date: Sep 25, 2020 | Public Review Date: Mar 12, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ ANSI/ABYC C-1500-2019, Ignition Protection for Marine Products (new standard)  
PINS Date: Sep 14, 2018 | Public Review Date: Feb 22, 2019 | Final Action Date: Jul 1, 2019 | [Approved](#)

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- ▶ ANSI/ABYC C-2-2021, Carbon Canisters For Marine Applications (revision of ANSI/ABYC C-2-2016)  
PINS Date: Oct 16, 2020 | Public Review Date: Mar 12, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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**ABYC (American Boat and Yacht Council)**

- ▶ ANSI/ABYC C-3-2022, Alcohol, Kerosene, And Solidified Fuel Cooking Appliances For Marine Use (revision of ANSI/ABYC C-3-2018)  
PINS Date: Oct 1, 2021 | Public Review Date: Apr 15, 2022 | Final Action Date: Jul 12, 2022 | [Approved](#)
- ▶ ANSI/ABYC C-5-2021, Construction And Testing Of Electric Navigation Lights (new standard)  
PINS Date: Dec 4, 2020 | Public Review Date: Jun 4, 2021 | Final Action Date: Jul 8, 2021 | [Approved](#)
- ▶ ANSI/ABYC C-7-2021, Battery Switches For Use On Boats (new standard)  
PINS Date: Nov 6, 2020 | Public Review Date: Apr 30, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)
- ▶ ANSI/ABYC E-10-2021, STORAGE BATTERIES (revision of ANSI/ABYC E-10-2016)  
PINS Date: Sep 25, 2020 | Public Review Date: Apr 2, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)
- ▶ ANSI/ABYC E-11-2021, AC AND DC ELECTRICAL SYSTEMS ON BOATS (revision of ANSI/ABYC E-11-2018)  
PINS Date: Nov 13, 2020 | Public Review Date: Apr 2, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)
- ▶ ANSI/ABYC E-13-2022, Lithium Ion Batteries (new standard)  
PINS Date: Nov 5, 2021 | Public Review Date: Mar 4, 2022 | Final Action Date: Jun 16, 2022 | [Approved](#)
- ▶ ANSI/ABYC E-2-2019, Cathodic Protection (new standard)  
PINS Date: Oct 13, 2017 | Public Review Date: Feb 22, 2019 | Final Action Date: May 21, 2019 | [Approved](#)
- ▶ ANSI/ABYC E-30-2021, ELECTRIC PROPULSION SYSTEMS (revision of ANSI/ABYC E-30-2018)  
PINS Date: Sep 25, 2020 | Public Review Date: Apr 2, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)
- ▶ ANSI/ABYC EDU-1-2021, ON-WATER RECREATIONAL BOATING SKILLS – POWER (revision of ANSI/ABYC EDU-1-2015)  
PINS Date: Feb 8, 2019 | Public Review Date: Apr 24, 2020 | Final Action Date: Jan 6, 2022 | [Approved](#)
- ▶ ANSI/ABYC EDU-2-2022, On-Water Recreational Boating Skills Human-Propelled (revision of ANSI/ABYC EDU-2-2016)  
PINS Date: Mar 27, 2020 | Public Review Date: Dec 4, 2020 | Final Action Date: Jul 25, 2022 | [Approved](#)
- ▶ ANSI/ABYC EDU-3-2022, On-Water Recreational Boating Skills – Sail (revision of ANSI/ABYC EDU-3-2017)  
PINS Date: Oct 15, 2021 | Public Review Date: Apr 15, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)
- ▶ ANSI/ABYC EDU-4-2022, On-Water Recreational Boating Skills – Instruction (revision of ANSI/ABYC EDU-4-2018)  
PINS Date: Oct 15, 2021 | Public Review Date: Apr 15, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)
- ▶ ANSI/ABYC H-1-2019, FIELD OF VISION FROM THE HELM POSITION (revision of ANSI/ABYC H-1-2010)  
PINS Date: Sep 23, 2016 | Public Review Date: Apr 26, 2019 | Final Action Date: Jul 9, 2019 | [Approved](#)
- ▶ ANSI/ABYC H-2-2021, VENTILATION OF BOATS USING GASOLINE (revision of ANSI/ABYC H-2-2013)  
PINS Date: Oct 13, 2017 | Public Review Date: Mar 12, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)
- ▶ ANSI/ABYC H-22-2020, ELECTRIC BILGE PUMP SYSTEMS (revision of ANSI/ABYC H-22-2011)  
PINS Date: Oct 23, 2015 | Public Review Date: Oct 18, 2019 | Final Action Date: Jun 30, 2020 | [Approved](#)
- ▶ ANSI/ABYC H-23-2020, WATER SYSTEMS ON BOATS (new standard)  
PINS Date: Sep 14, 2018 | Public Review Date: May 8, 2020 | Final Action Date: Jul 6, 2020 | [Approved](#)
- ▶ ANSI/ABYC H-24-2022, Gasoline (Petrol) Fuel Systems (revision of ANSI/ABYC H-24-2017)  
PINS Date: Oct 29, 2021 | Public Review Date: May 20, 2022 | Final Action Date: Jul 11, 2022 | [Approved](#)
- ▶ ANSI/ABYC H-25-2021, Portable And Semi-Portable Marine Gasoline Fuel Systems (revision of ANSI/ABYC H-25-2016)  
PINS Date: Dec 4, 2020 | Public Review Date: May 14, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

**ABYC (American Boat and Yacht Council)**

- ▶ ANSI/ABYC H-26-2021, POWERING OF BOATS (revision of ANSI/ABYC H-26-2016)  
PINS Date: Oct 9, 2020 | Public Review Date: Mar 19, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)
- ▶ ANSI/ABYC H-27-2021, SEACOCKS, THRU-HULL FITTINGS, AND DRAIN PLUGS (new standard)  
PINS Date: Sep 14, 2018 | Public Review Date: Mar 19, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)
- ▶ ANSI/ABYC H-28-2021, Inflatable Boats (revision of ANSI/ABYC H-28-2016)  
PINS Date: Oct 23, 2020 | Public Review Date: Mar 12, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)
- ▶ ANSI/ABYC H-29-2022, Canoes and Kayaks (revision of ANSI/ABYC H-29-2019)  
PINS Date: Nov 12, 2021 | Public Review Date: Mar 4, 2022 | Final Action Date: Jun 23, 2022 | [Approved](#)
- ▶ ANSI/ABYC H-3-2019, Exterior Windows, Windshields, Hatches, Doors, Port Lights, and Glazing Materials (new standard)  
PINS Date: Nov 2, 2012 | Public Review Date: Feb 22, 2019 | Final Action Date: May 21, 2019 | [Approved](#)
- ▶ ANSI/ABYC H-30-2022, HYDRAULIC SYSTEMS (revision of ANSI/ABYC H-30-2017)  
PINS Date: Sep 24, 2021 | Public Review Date: Mar 11, 2022 | Final Action Date: Jun 16, 2022 | [Approved](#)
- ▶ ANSI/ABYC H-31-2020, Seat Structures (revision of ANSI/ABYC H-31-2017)  
PINS Date: Sep 27, 2019 | Public Review Date: Mar 20, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)
- ▶ ANSI/ABYC H-32-2013 (R2018), Ventilation of Boats Using Diesel Fuel (reaffirmation of ANSI/ABYC H-32-2013)  
PINS Date: Oct 20, 2017 | Public Review Date: Mar 2, 2018 | Final Action Date: Jun 15, 2018 | [Approved](#)
- ▶ ANSI/ABYC H-33-2021, Diesel Fuel Systems (revision of ANSI/ABYC H-33-2016)  
PINS Date: Sep 27, 2019 | Public Review Date: Mar 19, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)
- ▶ ANSI/ABYC H-35-2022, POWERING AND LOAD CAPACITY OF PONTOON BOATS (revision of ANSI/ABYC H-35-2017)  
PINS Date: Sep 24, 2021 | Public Review Date: Apr 8, 2022 | Final Action Date: Jun 23, 2022 | [Approved](#)
- ▶ ANSI/ABYC H-37-2022, Jet Boats - Light Weight (revision of ANSI/ABYC H-37-2017)  
PINS Date: Sep 24, 2021 | Public Review Date: Mar 4, 2022 | Final Action Date: Jun 9, 2022 | [Approved](#)
- ▶ ANSI/ABYC H-4-2020, Cockpit Drainage Systems (revision of ANSI/ABYC H-4-2015)  
PINS Date: Sep 27, 2019 | Public Review Date: Mar 13, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)
- ▶ ANSI/ABYC H-40-2019, ANCHORING, MOORING, AND STRONG POINTS (new standard)  
PINS Date: Sep 14, 2018 | Public Review Date: Mar 22, 2019 | Final Action Date: May 21, 2019 | [Approved](#)
- ▶ ANSI/ABYC H-41-2022, Reboarding Means, Ladders, Handholds, Rails, And Lifelines (new standard)  
PINS Date: Sep 14, 2018 | Public Review Date: May 13, 2022 | Final Action Date: Jul 11, 2022 | [Approved](#)
- ▶ ANSI/ABYC H-5-2021, BOAT LOAD CAPACITY (revision of ANSI/ABYC H-5-2017)  
PINS Date: Nov 6, 2020 | Public Review Date: Mar 19, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)
- ▶ ANSI/ABYC H-8-2022, Buoyancy In The Event Of Flooding/Swamping (revision of ANSI/ABYC H-8-2017)  
PINS Date: Nov 5, 2021 | Public Review Date: Mar 25, 2022 | Final Action Date: Jun 23, 2022 | [Approved](#)
- ▶ ANSI/ABYC P-1-2019, Installation of Exhaust Systems for Propulsion and Auxiliary Engines (new standard)  
PINS Date: Sep 14, 2018 | Public Review Date: Feb 22, 2019 | Final Action Date: Jul 9, 2019 | [Approved](#)
- ▶ ANSI/ABYC P-14-2020, Mechanical Propulsion Control Systems (revision of ANSI/ABYC P-14-2016)  
PINS Date: Sep 27, 2019 | Public Review Date: Mar 13, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)

**ABYC (American Boat and Yacht Council)**

- ▶ ANSI/ABYC P-17-2018, Mechanical Steering Systems (revision of ANSI/ABYC P-17-2013)  
PINS Date: Oct 20, 2017 | Public Review Date: Mar 2, 2018 | Final Action Date: Jun 27, 2018 | [Approved](#)
- ▶ ANSI/ABYC P-21-2022, Manual And Assisted Hydraulic Steering Systems (revision of ANSI/ABYC P-21-2017)  
PINS Date: Nov 5, 2021 | Public Review Date: Mar 11, 2022 | Final Action Date: Jun 16, 2022 | [Approved](#)
- ▶ ANSI/ABYC P-22-2018, Steering Wheels (revision of ANSI/ABYC P-22-2013)  
PINS Date: Oct 20, 2017 | Public Review Date: Mar 2, 2018 | Final Action Date: Jun 15, 2018 | [Approved](#)
- ▶ ANSI/ABYC P-23-2022, Mechanical Steering And Propulsion Controls For Jet Boats (revision of ANSI/ABYC P-23-2017)  
PINS Date: Oct 8, 2021 | Public Review Date: Mar 25, 2022 | Final Action Date: Jun 16, 2022 | [Approved](#)
- ▶ ANSI/ABYC P-28-2020, Electric/Electronic Control Systems For Propulsion And Steering (revision, redesignation and consolidation of ANSI/ABYC P-24-2013, ANSI/ABYC P-27-2013)  
PINS Date: Nov 23, 2018 | Public Review Date: Mar 13, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)
- ▶ ANSI/ABYC P-4-2019, Marine Inboard Engines and Transmissions (revision of ANSI/ABYC P-4-2012)  
PINS Date: Sep 23, 2016 | Public Review Date: Feb 22, 2019 | Final Action Date: Jul 9, 2019 | [Approved](#)
- ▶ ANSI/ABYC P-6-2021, PROPELLER SHAFTING SYSTEMS (revision of ANSI/ABYC P-6-2016)  
PINS Date: Oct 9, 2020 | Public Review Date: Apr 2, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)
- ▶ ANSI/ABYC S-30-2022, Outboard Engine And Related Equipment Weights (revision of ANSI/ABYC S-30-2017)  
PINS Date: Sep 24, 2021 | Public Review Date: Mar 4, 2022 | Final Action Date: Jun 9, 2022 | [Approved](#)
- ▶ ANSI/ABYC S-31-2022, Environmental Considerations For Electronic Systems And Components Installed On Boats (revision of ANSI/ABYC S-31-2017)  
PINS Date: Oct 1, 2021 | Public Review Date: Apr 8, 2022 | Final Action Date: Jul 11, 2022 | [Approved](#)
- ▶ ANSI/ABYC S-32-2022, Warnings And Safety Signs For Boats (new standard)  
PINS Date: Dec 14, 2018 | Public Review Date: Mar 25, 2022 | Final Action Date: Jun 9, 2022 | [Approved](#)
- ▶ ANSI/ABYC S-33-2020, On-Water Engine Emissions Testing (new standard)  
PINS Date: Nov 23, 2018 | Public Review Date: Apr 3, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)
- ▶ ANSI/ABYC S-7-2020, Boat Capacity Labels (revision of ANSI/ABYC S-7-2015)  
PINS Date: Sep 27, 2019 | Public Review Date: Mar 13, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)
- ▶ ANSI/ABYC S-8-2021, BOAT MEASUREMENT AND WEIGHT (revision of ANSI/ABYC S-8-2016)  
PINS Date: Oct 23, 2020 | Public Review Date: Mar 12, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

**ACCA (Air Conditioning Contractors of America)**

1520 Belle View Boulevard, #5220, Alexandria, VA 22307 | w: [www.acca.org](http://www.acca.org)

- ▶ ANSI/ACCA 1 Manual D-2016, Residential Duct Systems (revision of ANSI/ACCA 1 Manual D-2014)  
PINS Date: Mar 4, 2016 | Public Review Date: Aug 19, 2016 | Final Action Date: Oct 21, 2016 | [Approved](#)
- ▶ ANSI/ACCA 10 Manual SPS-2010 (RA 2017), HVAC Design for Swimming Pools and Spas (reaffirmation of ANSI/ACCA 10 Manual SPS-2010)  
PINS Date: May 1, 2015 | Public Review Date: Jul 7, 2017 | Final Action Date: Sep 27, 2017 | [Approved](#)
- ▶ ANSI/ACCA 11 Manual Zr-2018, Residential Zoning (revision of ANSI/ACCA 11 Manual Zr-2012)  
PINS Date: Dec 23, 2016 | Public Review Date: Dec 1, 2017 | Final Action Date: Feb 20, 2018 | [Approved](#)
- ▶ ANSI/ACCA 12 QH-2018, Home Evaluation and Performance Improvement (revision of ANSI/ACCA 12 QH-2014)  
PINS Date: Dec 9, 2016 | Public Review Date: Nov 10, 2017 | Final Action Date: Jan 26, 2018 | [Approved](#)

**ACCA (Air Conditioning Contractors of America)**

- ▶ ANSI/ACCA 14 QMref-2015 (R2021), Quality Maintenance of Commercial Refrigeration Systems (reaffirmation of ANSI/ACCA 14 QMref-2015)  
PINS Date: Apr 3, 2020 | Public Review Date: Dec 25, 2020 | Final Action Date: Feb 11, 2021 | [Approved](#)
- ▶ ANSI/ACCA 2 Manual J-2016, Residential Load Calculations (revision of ANSI/ACCA 2 Manual J-2011)  
PINS Date: May 1, 2015 | Public Review Date: Oct 16, 2015 | Final Action Date: Feb 5, 2016 | [Approved](#)
- ▶ ANSI/ACCA 3 Manual S-2014, Residential Equipment Selection (revision and redesignation of ANSI/ACCA 3 Manual S-2004)  
PINS Date: Apr 3, 2009 | Public Review Date: Feb 21, 2014 | Final Action Date: May 12, 2014 | [Approved](#)
- ▶ ANSI/ACCA 4 QM-2019, Maintenance of Residential HVAC Systems (revision of ANSI/ACCA 4 QM-2013)  
PINS Date: May 11, 2018 | Public Review Date: Nov 16, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)
- ▶ ANSI/ACCA 5 QI Addendum-2010, HVAC Quality Installation Specification (supplement to ANSI/ACCA 5 QI-2010)  
PINS Date: Feb 1, 2013 | Public Review Date: Apr 12, 2013 | Final Action Date: May 28, 2013 | [Approved](#)
- ▶ ANSI/ACCA 5 QI-2015, HVAC Quality Installation Specifications (revision of ANSI/ACCA 5 QI-2010)  
PINS Date: May 17, 2013 | Public Review Date: May 1, 2015 | Final Action Date: Jun 19, 2015 | [Approved](#)
- ▶ ANSI/ACCA 6 QR-2015 (R2021), Restoring the Cleanliness of HVAC Systems (reaffirmation of ANSI/ACCA 6 QR-2015)  
PINS Date: Apr 3, 2020 | Public Review Date: Dec 25, 2020 | Final Action Date: Feb 11, 2021 | [Approved](#)
- ▶ ANSI/ACCA 9 QIvp Standard-2016, HVAC Quality Installation Verification Protocols (revision of ANSI/ACCA 9 QIvp-2011)  
PINS Date: May 2, 2014 | Public Review Date: Jan 22, 2016 | Final Action Date: Apr 20, 2016 | [Approved](#)

**ACCT (Association for Challenge Course Technology)**

PO Box 19797, Boulder, CO 80308 | w: [www.acctinfo.org](http://www.acctinfo.org)

- ▶ ANSI/ACCT 03-2019, Challenge Course and Canopy/Zip Line Tours Standards (revision of ANSI/ACCT 03-2016)  
PINS Date: Oct 6, 2017 | Public Review Date: Dec 7, 2018 | Final Action Date: Jul 18, 2019 | [Approved](#)

**ACDE (Association of Commercial Diving Educators)**

- ,
- ▶ ANSI/ACDE 01-2015, Commercial Diver Training Minimum Standard (revision of ANSI/ACDE 01-2009)  
PINS Date: Mar 21, 2014 | Public Review Date: Apr 25, 2014 | Final Action Date: Jan 7, 2015 | [Approved](#)

**ACI (American Concrete Institute)**

38800 Country Club Drive, Farmington Hills, MI 48331 | w: [www.concrete.org](http://www.concrete.org)

- ▶ ANSI/ACI 318-2019, Building Code Requirements for Structural Concrete and Commentary (new standard)  
PINS Date: Sep 14, 2018 | Public Review Date: Dec 21, 2018 | Final Action Date: Dec 20, 2019 | [Approved](#)
- ▶ ANSI/ACI CODE-562-2021, ACI CODE-562-202x, Assessment, Repair, and Rehabilitation of Existing Concrete Buildings--Code Requirements and Commentary (revision and redesignation of ANSI/ACI 562-2020)  
PINS Date: Apr 16, 2021 | Public Review Date: Jul 9, 2021 | Final Action Date: May 6, 2022 | [Approved](#)

**ACMA (American Composites Manufacturers Association)**

3033 Wilson Boulevard, Suite 420, Arlington, VA 22201 | w: [www.ipca-hq.org](http://www.ipca-hq.org)

- ▶ ANSI/ACMA UEF-1-2019, Estimating Emission Factors from Open Molding and Other Composite Processes (revision of ANSI/ACMA UEF-1-2011a)  
PINS Date: Nov 27, 2015 | Public Review Date: Mar 30, 2018 | Final Action Date: Jul 31, 2019 | [Approved](#)

**ACMA (American Composites Manufacturers Association)**

- ▶ ANSI/ACMA/FGMC-Grating Manual-2017, Fiberglass Composites Grating Manual for Pultruded and Molded Grating and Stair Treads (revision and redesignation of ANSI/ACMA/FGMC-Manual-2014)  
PINS Date: Feb 17, 2017 | Public Review Date: Apr 14, 2017 | Final Action Date: Aug 30, 2017 | [Approved](#)

- ▶ ANSI/ACMA/UCSC-FRP Composite Utility Poles-1-2018, ANSI/ACMA/UCSC-Standard Specification for FRP Composite Utility Poles (new standard)  
PINS Date: Mar 25, 2016 | Public Review Date: Dec 1, 2017 | Final Action Date: Sep 13, 2018 | [Approved](#)

**ACP (American Clean Power Association)**

1501 M Street NW, Suite 1000, Washington, DC 22205 | w: [www.cleanpower.org](http://www.cleanpower.org)

- ▶ ANSI/ACP 101-1-2021, The Small Wind Turbine Standard (new standard)  
PINS Date: Jun 12, 2020 | Public Review Date: May 21, 2021 | Final Action Date: Dec 21, 2021 | [Approved](#)

- ▶ ANSI/ACP 111-1-2022, Wind Turbine Sound Modeling (new standard)  
PINS Date: Sep 17, 2021 | Public Review Date: Dec 3, 2021 | Final Action Date: Mar 24, 2022 | [Approved](#)

- ▶ ANSI/ACP 5000-1-2022, The Wind Workforce Definitions 2020 (new standard)  
PINS Date: May 15, 2020 | Public Review Date: Jun 26, 2020 | Final Action Date: Mar 8, 2022 | [Approved](#)

- ▶ ANSI/ACP 5000-2-2022, Wind Tech Entry-Level Minimum Standard (new standard)  
PINS Date: May 15, 2020 | Public Review Date: Oct 30, 2020 | Final Action Date: Mar 8, 2022 | [Approved](#)

- ▶ ANSI/ACP OCRP-1-2022, The American Clean Power Association Offshore Compliance Recommended Practices (OCRP) Edition 2 (new standard)  
PINS Date: Feb 2, 2018 | Public Review Date: Mar 18, 2022 | Final Action Date: Jun 14, 2022 | [Approved](#)

- ▶ ANSI/AWEA 61400-11-2017, Wind Turbine Generator Systems: Acoustic noise measurement techniques (identical national adoption of IEC 61400-11 Ed.3)  
PINS Date: Mar 24, 2017 | Public Review Date: May 19, 2017 | Final Action Date: Aug 18, 2017 | [Approved](#)

- ▶ ANSI/AWEA 61400-12-1-2016, Power performance measurements of electricity producing wind turbines (identical national adoption of IEC 61400-12-1 (2005))  
PINS Date: Oct 9, 2015 | Public Review Date: Mar 25, 2016 | Final Action Date: Jun 23, 2016 | [Approved](#)

- ▶ ANSI/AWEA 61400-13-2017, Wind turbines - Measurement of mechanical loads (identical national adoption of IEC 61400-13 Ed. 1)  
PINS Date: Mar 24, 2017 | Public Review Date: May 19, 2017 | Final Action Date: Aug 18, 2017 | [Approved](#)

- ▶ ANSI/AWEA 61400-23-2017, Full scale structural testing of rotor blades (identical national adoption of IEC 61400-23:2014)  
PINS Date: May 19, 2017 | Public Review Date: Jun 30, 2017 | Final Action Date: Aug 21, 2017 | [Approved](#)

- ▶ ANSI/AWEA 61400-27-1-2017, Electrical simulation models - Wind turbines (identical national adoption of IEC 61400-27-1:2015)  
PINS Date: May 19, 2017 | Public Review Date: Jun 30, 2017 | Final Action Date: Dec 21, 2017 | [Approved](#)

**ADA (Organization) (American Dental Association)**

211 East Chicago Avenue, Chicago, IL 60611-2678 | w: [www.ada.org](http://www.ada.org)

- ▶ ANSI/ADA 144-2018, Alloy for Dental Amalgam (identical national adoption of ISO 20749:2017)  
PINS Date: Jan 12, 2018 | Public Review Date: Jun 29, 2018 | Final Action Date: Oct 31, 2018 | [Approved](#)

- ▶ ANSI/ADA 167-2018, Dental Unit Water Line Test Methods (identical national adoption of ISO 16954:2015)  
PINS Date: Sep 8, 2017 | Public Review Date: Nov 17, 2017 | Final Action Date: May 18, 2018 | [Approved](#)

**ADA (Organization) (American Dental Association)**

- ▶ ANSI/ADA Standard No. 100, ISO 27020-2020, Orthodontic Brackets and Tubes (identical national adoption of ISO 27020:2019 and revision of ANSI/ADA 100, ISO 27020-2012 (R2018))  
PINS Date: May 8, 2020 | Public Review Date: Aug 21, 2020 | Final Action Date: Dec 21, 2020 | [Approved](#)
- ▶ ANSI/ADA Standard No. 1000-2010 (R2020), Standard Clinical Data Architecture (reaffirmation of ANSI/ADA Standard No. 1000-2010 (R2015))  
Public Review Date: Aug 21, 2020 | Final Action Date: Dec 18, 2020 | [Approved](#)
- ▶ ANSI/ADA Standard No. 101-2021, Endodontic Instruments - General Requirements (identical national adoption of ISO 3630-1:2019 and revision of ANSI/ADA Standard No. 101-2001)  
PINS Date: Aug 21, 2020 | Public Review Date: Mar 12, 2021 | Final Action Date: Jul 7, 2021 | [Approved](#)
- ▶ ANSI/ADA Standard No. 1027-2010 (R2020), Implementation Guide for ADA Standard No. 1000 - Standard Clinical Data Architecture (reaffirmation of ANSI/ADA Standard No. 1027-2010 (R2015))  
Public Review Date: Aug 21, 2020 | Final Action Date: Dec 18, 2020 | [Approved](#)
- ▶ ANSI/ADA Standard No. 1039-2006 (R2019), Standard Clinical Conceptual Data Model (reaffirmation of ANSI/ADA Standard No. 1039-2006 (R2014))  
Public Review Date: Oct 4, 2019 | Final Action Date: Nov 26, 2019 | [Approved](#)
- ▶ ANSI/ADA Standard No. 105-2021, Elastomeric Auxiliaries for Use in Orthodontics (national adoption of ISO 21606:2007 with modifications and revision of ANSI/ADA Standard No. 105-2010 (R2015))  
PINS Date: Aug 21, 2020 | Public Review Date: Mar 12, 2021 | Final Action Date: Jul 7, 2021 | [Approved](#)
- ▶ ANSI/ADA Standard No. 1058-2010 (R2020), Forensic Dental Data Set (reaffirmation of ANSI/ADA Standard No. 1058-2010 (R2015))  
Public Review Date: Aug 21, 2020 | Final Action Date: Dec 18, 2020 | [Approved](#)
- ▶ ANSI/ADA Standard No. 1067-2013 (R2018), Electronic Dental System Standard Functional Requirements (reaffirmation of ANSI/ADA Standard No. 1067-2013)  
Public Review Date: Jul 6, 2018 | Final Action Date: Oct 31, 2018 | [Approved](#)
- ▶ ANSI/ADA Standard No. 1079-2015 (R2020), Standard Content of Electronic Attachments for Dental Claims (reaffirmation of ANSI/ADA Standard No. 1079-2015)  
Public Review Date: Aug 21, 2020 | Final Action Date: Dec 18, 2020 | [Approved](#)
- ▶ ANSI/ADA Standard No. 108-2009, Amalgam Separators (identical national adoption of ISO 11143:2008)  
PINS Date: Aug 29, 2008 | Public Review Date: Dec 26, 2008 | Final Action Date: Feb 24, 2009 | [Approved](#)
- ▶ ANSI/ADA Standard No. 108, Addendum-2011 (R2022), Amalgam Separators Addendum (reaffirm a national adoption ANSI/ADA Standard No. 108, Addendum-2011)  
Public Review Date: Oct 1, 2021 | Final Action Date: Jan 31, 2022 | [Approved](#)
- ▶ ANSI/ADA Standard No. 1084-2019, Reference Core Data Set for Communication Among Dental and Other Health Information Systems (new standard)  
PINS Date: Sep 14, 2018 | Public Review Date: Feb 15, 2019 | Final Action Date: May 21, 2019 | [Approved](#)
- ▶ ANSI/ADA Standard No. 109-2006 (R2018), Procedures for Storing Dental Amalgam Waste and Requirements for Amalgam Waste Storage/Shipment Containers (reaffirmation of ANSI/ADA Specification No. 109-2006 (R2012))  
Public Review Date: Jan 12, 2018 | Final Action Date: Oct 31, 2018 | [Approved](#)
- ▶ ANSI/ADA Standard No. 1094-2020, Quality Assurance for Digital Intra-Oral Radiographic Systems (new standard)  
PINS Date: Sep 14, 2018 | Public Review Date: Aug 21, 2020 | Final Action Date: Dec 18, 2020 | [Approved](#)
- ▶ ANSI/ADA Standard No. 1097-2020, Digital Caries Risk Assessment Resources (new standard)  
PINS Date: Apr 21, 2017 | Public Review Date: Jan 31, 2020 | Final Action Date: May 7, 2020 | [Approved](#)

**ADA (Organization) (American Dental Association)**

- ▶ ANSI/ADA Standard No. 1105-2022, Digital Periodontitis Risk Assessment Resources (new standard)  
PINS Date: Dec 11, 2020 | Public Review Date: Jan 28, 2022 | Final Action Date: Mar 28, 2022 | [Approved](#)
- ▶ ANSI/ADA Standard No. 111-2019, Adhesion Test Methods to Tooth Structure (identical national adoption of ISO/TS 11405:2015, Dentistry - Testing of adhesion to tooth structure)  
PINS Date: Mar 17, 2017 | Public Review Date: Aug 25, 2017 | Final Action Date: Sep 9, 2019 | [Approved](#)
- ▶ ANSI/ADA Standard No. 113-2015, Periodontal Curettes, Dental Scalers and Excavators (identical national adoption of ISO 13397-1-1995, ISO 13397-2-2005 and ISO 13397-2-2005 Amd1-2012 and revision of ANSI/ADA Specification No. 113-2008)  
PINS Date: Dec 6, 2013 | Public Review Date: Aug 7, 2015 | Final Action Date: Dec 17, 2015 | [Approved](#)
- ▶ ANSI/ADA Standard No. 114-2022, Portable Dental Equipment for Use in Non-Permanent Healthcare Environment - General Requirements (identical national adoption of ISO 23402-1:2020)  
PINS Date: Mar 5, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Jan 31, 2022 | [Approved](#)
- ▶ ANSI/ADA Standard No. 116-2020, Oral Rinses (national adoption of ISO 16408:2015 with modifications and revision of ANSI/ADA Standard No. 116-2010)  
PINS Date: Sep 28, 2018 | Public Review Date: Aug 30, 2019 | Final Action Date: Jan 31, 2020 | [Approved](#)
- ▶ ANSI/ADA Standard No. 117-2022, Fluoride Varnishes (identical national adoption of ISO 17730:2020 and revision of ANSI/ADA Standard No. 117-2018)  
PINS Date: Mar 5, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Jan 31, 2022 | [Approved](#)
- ▶ ANSI/ADA Standard No. 119-2021, Manual Toothbrushes (identical national adoption of ISO 20126:2012/Amd 1:2018 and revision of ANSI/ADA Standard No. 119-2015)  
PINS Date: Aug 30, 2019 | Public Review Date: Mar 12, 2021 | Final Action Date: Jul 7, 2021 | [Approved](#)
- ▶ ANSI/ADA Standard No. 120-2022, Dentistry - Physical Properties of Powered Toothbrushes (identical national adoption of ISO 20127:2020 and revision of ANSI/ADA Standard No. 120-2009 (R2014))  
PINS Date: Aug 21, 2020 | Public Review Date: Sep 10, 2021 | Final Action Date: Jan 31, 2022 | [Approved](#)
- ▶ ANSI/ADA Standard No. 122-2022, Dentistry-Casting and Baseplate Waxes (identical national adoption of ISO 15854:2021 and revision of ANSI/ADA Standard No. 122-2007 (R2019))  
PINS Date: Jun 11, 2021 | Public Review Date: Sep 10, 2021 | Final Action Date: Jan 31, 2022 | [Approved](#)
- ▶ ANSI/ADA Standard No. 125-2018 (R2022), Manual Interdental Brushes (reaffirm a national adoption ANSI/ADA Standard No. 125-2018)  
Public Review Date: Jul 29, 2022 | Final Action Date: Dec 6, 2022 | [Approved](#)
- ▶ ANSI/ADA Standard No. 126-2018, Casting Investments and Refractory Die Materials (identical national adoption of ISO 15912:2016 and revision of ANSI/ADA Standard No. 126-2015)  
PINS Date: Aug 11, 2017 | Public Review Date: Nov 17, 2017 | Final Action Date: May 18, 2018 | [Approved](#)
- ▶ ANSI/ADA Standard No. 127-2018 (R2022), Dynamic Loading Test for Endosseous Dental Implants (reaffirm a national adoption ANSI/ADA Standard No. 127-2018)  
Public Review Date: Jul 29, 2022 | Final Action Date: Dec 6, 2022 | [Approved](#)
- ▶ ANSI/ADA Standard No. 128-2022, Dentistry - Hydrocolloid Impression Materials (identical national adoption of ISO 21563:2021 and revision of ANSI/ADA Standard No. 128-2015)  
PINS Date: Nov 19, 2021 | Public Review Date: Apr 15, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)
- ▶ ANSI/ADA Standard No. 130-2020, Dentifrices – Requirements, Test methods and Marking (identical national adoption of ISO 11609-2017 and revision of ANSI/ADA Standard No. 130-2013)  
PINS Date: Feb 15, 2019 | Public Review Date: Aug 30, 2019 | Final Action Date: Jan 31, 2020 | [Approved](#)

**ADA (Organization) (American Dental Association)**

- ▶ ANSI/ADA Standard No. 131-2015 (R2020), Dental CAD/CAM Machinable Zirconia Blanks (reaffirmation of ANSI/ADA Standard No. 131-2015)  
Public Review Date: Aug 21, 2020 | Final Action Date: Dec 18, 2020 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 132-2015, Scanning Accuracy of Dental Chairside and Laboratory CAD/CAM Systems (new standard)  
PINS Date: Feb 13, 2009 | Public Review Date: Nov 14, 2014 | Final Action Date: May 29, 2015 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 134-2018, Metallic Materials for Fixed and Removable Restorations and Appliances (identical national adoption of ISO 22674:2016 and revision of ANSI/ADA Standard No. 134 (ISO 22674)-2013)  
PINS Date: Aug 11, 2017 | Public Review Date: Nov 17, 2017 | Final Action Date: May 18, 2018 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 135-2015 (R2020), Denture Adhesives (reaffirm a national adoption ANSI/ADA No. 135-2015)  
Public Review Date: Aug 21, 2020 | Final Action Date: Dec 21, 2020 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 136-2022, Dentistry - External Tooth Bleaching Products (national adoption of ISO 28399:2021 with modifications and revision of ANSI/ADA Standard 136-2015)  
PINS Date: Nov 19, 2021 | Public Review Date: Sep 9, 2022 | Final Action Date: Dec 6, 2022 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 139-2020, Dental Base Polymers (national adoption of ISO 20795-1:2013 & ISO 20795-2:2013 with modifications and revision of ANSI/ADA Standard No. 139-2012)  
PINS Date: Jan 12, 2018 | Public Review Date: Aug 30, 2019 | Final Action Date: Jan 31, 2020 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 141 (ISO 14356)-2013 (R2018), Dental Duplicating Material (reaffirm a national adoption ANSI/ADA Standard No. 141 (ISO 14356)-2013)  
Public Review Date: Jan 12, 2018 | Final Action Date: Oct 31, 2018 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 145-2020, Interoperability of CAD/CAM Systems in Dentistry (identical national adoption of ISO 18618:2018)  
PINS Date: Aug 30, 2019 | Public Review Date: Jan 31, 2020 | Final Action Date: May 7, 2020 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 15-2021, Artificial Teeth for Dental Prostheses (identical national adoption of ISO 22112:2017 and revision of ANSI/ADA Standard No. 15-2008 (R2013))  
PINS Date: Aug 30, 2019 | Public Review Date: Mar 12, 2021 | Final Action Date: Jul 7, 2021 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 151-2015 (R2020), Screening Method for Erosion Potential of Oral Rinses on Dental Hard Tissue (reaffirm a national adoption ANSI/ADA Standard No. 151-2015)  
Public Review Date: Aug 21, 2020 | Final Action Date: Dec 21, 2020 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 157-2020, Powered Dental Scaler Handpieces and Tips (national adoption with modifications of ISO 18397:2016 )  
PINS Date: Mar 17, 2017 | Public Review Date: Aug 30, 2019 | Final Action Date: Jan 31, 2020 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 158-2020, Coupling Dimensions for Dental Handpiece Connectors (national adoption with modifications of ISO 3964:2016 & ISO 3964:2016/Amd 1:2018)  
PINS Date: Feb 15, 2019 | Public Review Date: Aug 30, 2019 | Final Action Date: Jan 31, 2020 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 159-2018, Coiled Springs for Use in Orthodontics (identical national adoption of ISO 17254:2016)  
PINS Date: Aug 11, 2017 | Public Review Date: Nov 17, 2017 | Final Action Date: May 18, 2018 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 160-2020, Soft Lining Materials for Removable Dentures - Part 2: Materials for Long-Term Use (identical national adoption of ISO 10139-2:2016)  
PINS Date: Nov 15, 2019 | Public Review Date: Jan 31, 2020 | Final Action Date: May 7, 2020 | [Approved](#)

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**ADA (Organization) (American Dental Association)**

- ▶ ANSI/ADA Standard No. 161-2018, Guidance on Color Measurement in Dentistry (identical national adoption of ISO/TR 28642:2016)  
PINS Date: Aug 11, 2017 | Public Review Date: Nov 17, 2017 | Final Action Date: May 18, 2018 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 163-2018, Dental Furnace-Test Method for Temperature Measurement with Separate Thermocouple (identical national adoption of ISO 13078:2013)  
PINS Date: Aug 11, 2017 | Public Review Date: Nov 17, 2017 | Final Action Date: May 18, 2018 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 164-2018, Dental Furnace-Part 2: Test Method for Evaluation of Furnace Program via Firing Glaze (identical national adoption of ISO 13078-2:2016)  
PINS Date: Aug 11, 2017 | Public Review Date: Nov 17, 2017 | Final Action Date: May 18, 2018 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 167-2020, Test Methods for Dental Unit Waterline Biofilm Treatment (national adoption of ISO 16954:2015 with modifications and revision of ANSI/ADA Standard No. 167:2019)  
PINS Date: Aug 30, 2019 | Public Review Date: Aug 21, 2020 | Final Action Date: Dec 21, 2020 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 169-2019, Periodontal probes General requirements (identical national adoption of ISO 21672-1:2012)  
PINS Date: Jun 29, 2018 | Public Review Date: Sep 14, 2018 | Final Action Date: Aug 26, 2019 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 170-2019, Periodontal Probes -- Dental excavators -- Discoid Type -- General Requirements (identical national adoption of ISO 13397-4:1997)  
PINS Date: Jun 29, 2018 | Public Review Date: Sep 14, 2018 | Final Action Date: Aug 26, 2019 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 171-2019, Analysis of Fluoride Concentration in Aqueous Solutions by Use of Fluoride Ion-Selective Electrode (identical national adoption of ISO 19448:2018)  
PINS Date: Jun 29, 2018 | Public Review Date: Sep 14, 2018 | Final Action Date: Aug 26, 2019 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 172-2019, Minimal Dental Implant Data Set for Clinical Use (identical national adoption of ISO 16498:2013)  
PINS Date: Jun 29, 2018 | Public Review Date: Sep 14, 2018 | Final Action Date: Aug 26, 2019 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 173-2019, Designation System for Dental Implants (identical national adoption of ISO 19429:2015)  
PINS Date: Jun 29, 2018 | Public Review Date: Sep 14, 2018 | Final Action Date: Aug 26, 2019 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 177-2020, Central Suction Source Equipment (identical national adoption of ISO 10637:2018)  
PINS Date: Dec 21, 2018 | Public Review Date: Aug 30, 2019 | Final Action Date: Jan 31, 2020 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 178-2019, Orthodontic Anchor Screws (identical national adoption of ISO 19023:2018)  
PINS Date: Sep 14, 2018 | Public Review Date: Feb 15, 2019 | Final Action Date: Aug 26, 2019 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 179-2020, Shanks for Rotary and Oscillating Instruments (identical national adoption of ISO 1797:2017)  
PINS Date: Dec 21, 2018 | Public Review Date: Aug 30, 2019 | Final Action Date: Jan 31, 2020 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 182-2021, Test Method for the Bonding Test Between Polymer Teeth and Denture Base Polymer (identical national adoption of ISO/TS 19736:2017)  
PINS Date: Aug 21, 2020 | Public Review Date: Mar 12, 2021 | Final Action Date: Jul 7, 2021 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 183-2020, Reprocessable Cartridge Syringes for Intraligamentary Injections (identical national adoption of ISO 21533:2018)  
PINS Date: Aug 30, 2019 | Public Review Date: Jan 31, 2020 | Final Action Date: May 7, 2020 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 184-2020, Laser Welding and Filler Materials in Dentistry (identical national adoption of ISO 28319:2018)  
PINS Date: Aug 30, 2019 | Public Review Date: Jan 31, 2020 | Final Action Date: May 7, 2020 | [Approved](#)

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**ADA (Organization) (American Dental Association)**

- ▶ ANSI/ADA Standard No. 185-2020, Integrated Dental Floss and Handles (identical national adoption of ISO 28158:2018)  
PINS Date: Aug 30, 2019 | Public Review Date: Jan 31, 2020 | Final Action Date: May 7, 2020 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 19-2022, Dentistry-Elastomeric Impression and Bite Registration Materials (identical national adoption of ISO 4823:2021 and revision of ANSI/ADA Standard No. 19-2017)  
PINS Date: Jun 11, 2021 | Public Review Date: Sep 10, 2021 | Final Action Date: Jan 31, 2022 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 190-2020, Single-Use Dental Cartridges for Local Anesthetics (identical national adoption of ISO 11499:2014)  
PINS Date: Jan 24, 2020 | Public Review Date: Aug 21, 2020 | Final Action Date: Dec 28, 2020 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 191, ISO 9873-2020, Intra-Oral Mirrors (identical national adoption of ISO 9873:2017)  
PINS Date: May 8, 2020 | Public Review Date: Aug 21, 2020 | Final Action Date: Dec 21, 2020 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 192-2020, Dental Explorer (identical national adoption of ISO 7492:2019)  
PINS Date: May 8, 2020 | Public Review Date: Aug 21, 2020 | Final Action Date: Dec 21, 2020 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 194-2021, Color Tabs for Intraoral Tooth Color Determination (identical national adoption of ISO 22598:2020)  
PINS Date: Aug 21, 2020 | Public Review Date: Mar 12, 2021 | Final Action Date: Jul 7, 2021 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 195-2021, Dental Tweezers (identical national adoption of ISO 15098:2020)  
PINS Date: Dec 11, 2020 | Public Review Date: Mar 12, 2021 | Final Action Date: Jul 7, 2021 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 196-2021, Materials for Dental Instruments - Stainless Steel (identical national adoption of ISO 21850-1:2020)  
PINS Date: Dec 11, 2020 | Public Review Date: Mar 12, 2021 | Final Action Date: Jul 7, 2021 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 197-2021, Spoons and Bone Curettes in Dentistry (identical national adoption of ISO 22570:2020)  
PINS Date: Dec 11, 2020 | Public Review Date: Mar 12, 2021 | Final Action Date: Jul 7, 2021 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 198-2022, Multifunction Handpieces (identical national adoption of ISO 22569:2020)  
PINS Date: Mar 5, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Jan 31, 2022 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 2000.6-2022, SNODENT (Systemized Nomenclature of Dentistry) (revision and redesignation of ANSI/ADA Standard No. 2000.5-2021)  
PINS Date: Feb 4, 2022 | Public Review Date: Sep 23, 2022 | Final Action Date: Nov 10, 2022 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 201-2022, Dentistry-Magnetic Attachments (identical national adoption of ISO 13017:2020)  
PINS Date: Jun 11, 2021 | Public Review Date: Sep 10, 2021 | Final Action Date: Jan 31, 2022 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 203-2022, Dentistry — Materials Used for Dental Equipment Surfaces — Determination of Resistance to Chemical Disinfectants (identical national adoption of ISO 21530:2004)  
PINS Date: Feb 11, 2022 | Public Review Date: Apr 15, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 25-2015 (R2021), Dental Gypsum Products (reaffirm a national adoption ANSI/ADA Standard No. 25-2015)  
Public Review Date: Dec 25, 2020 | Final Action Date: Jul 7, 2021 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 27-2022, Polymer Based Restorative Materials (identical national adoption of ISO 4049:2019 and revision of ANSI/ADA Standard No. 27-2016)  
PINS Date: Mar 5, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Jan 31, 2022 | [Approved](#)

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**ADA (Organization) (American Dental Association)**

- ▶ ANSI/ADA Standard No. 28-2021, Endodontic instruments - Shaping and Cleaning Instruments (identical national adoption of ISO 3630-5:2019 and revision of ANSI/ADA Standard No. 28-2008 (R2013))  
PINS Date: Aug 30, 2019 | Public Review Date: Mar 12, 2021 | Final Action Date: Jul 7, 2021 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 30-2013 (R2018), Dental Zinc Oxide - Eugenol and Zinc Oxide - Non-Eugenol Cements (reaffirm a national adoption ANSI/ADA Standard No. 30-2013)  
Public Review Date: Jan 12, 2018 | Final Action Date: Oct 31, 2018 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 32-2017, Orthodontic Wires (identical national adoption of ISO 15841:2014 and revision of ANSI/ADA Standard No. 32-2006 (R2010))  
PINS Date: Jan 22, 2016 | Public Review Date: Jul 29, 2016 | Final Action Date: Sep 12, 2017 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 33-2021, Vocabulary Used in Dental Standards Development (identical national adoption of ISO 1942:2020 and revision of ANSI/ADA Standard No. 33-2003 (R2014))  
PINS Date: Aug 21, 2020 | Public Review Date: Mar 12, 2021 | Final Action Date: Jul 7, 2021 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 34 (ISO 9997)-2013, Dental Cartridge Syringes (identical national adoption of ISO 9997:1999)  
PINS Date: May 6, 2011 | Public Review Date: Aug 10, 2012 | Final Action Date: Feb 19, 2013 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 35-2019, Dental Handpieces and Motors (identical national adoption of ISO 14457:2017)  
PINS Date: Sep 14, 2018 | Public Review Date: Feb 15, 2019 | Final Action Date: Aug 26, 2019 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 37-2001 (R2020), Dental Abrasive Powders (reaffirmation of ANSI/ADA Standard No. 37-2001 (R2015))  
Public Review Date: Aug 21, 2020 | Final Action Date: Dec 18, 2020 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 38-2020, Compatibility Testing for Metal-Ceramic and Ceramic-Ceramic Systems (identical national adoption of ISO 9693:2019 and revision of ANSI/ADA Standard No. 38-2000 (R2015))  
PINS Date: May 8, 2020 | Public Review Date: Aug 21, 2020 | Final Action Date: Dec 21, 2020 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 39-2020, Pit and Fissure Sealants (national adoption of ISO 6874:2015 with modifications and revision of ANSI/ADA Standard No. 39-2006 (R2011))  
PINS Date: Apr 20, 2018 | Public Review Date: Aug 30, 2019 | Final Action Date: Jan 31, 2020 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 3950-2015, Designation System for Teeth and Areas of the Oral Cavity (reaffirmation and redesignation of ANSI/ADA/ISO No. 3950-2010)  
Public Review Date: Aug 21, 2015 | Final Action Date: Dec 30, 2015 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 41-2020, Evaluation of Biocompatibility of Medical Devices Used in Dentistry (national adoption of ISO 7405:2008 with modifications and revision of ANSI/ADA Standard No. 41-2015)  
PINS Date: Aug 30, 2019 | Public Review Date: Jan 31, 2020 | Final Action Date: May 7, 2020 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 43-2020, Electrically Powered Dental Amalgamators (identical national adoption of ISO7488:2018 and revision of ANSI/ADA Standard No. 43-1986 (R2015))  
PINS Date: Aug 30, 2019 | Public Review Date: Jan 31, 2020 | Final Action Date: May 7, 2020 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 47-1-2021, Stationary Dental Units and Patient Chairs - Part 1: General Requirements (national adoption of ISO 7494-1:2018 with modifications and revision of ANSI/ADA Standard No. 47-2006 (R2017))  
PINS Date: Aug 30, 2019 | Public Review Date: Mar 12, 2021 | Final Action Date: Jul 7, 2021 | [Approved](#)

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- ▶ ANSI/ADA Standard No. 47-2-2021, Stationary Dental Units and Patient Chairs - Part 2: Air, Water Suction and Wastewater Systems (national adoption with modifications of ISO 7494-2:2015)  
PINS Date: Aug 30, 2019 | Public Review Date: Mar 12, 2021 | Final Action Date: Jul 7, 2021 | [Approved](#)

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**ADA (Organization) (American Dental Association)**

- ▶ ANSI/ADA Standard No. 48-2020, Curing Lights (Powered Polymerization Activators) (identical national adoption of ISO 10650:2018 and revision of ANSI/ADA Standard No. 48-2004 (R2015))  
PINS Date: Aug 30, 2019 | Public Review Date: Jan 31, 2020 | Final Action Date: May 7, 2020 | [Approved](#)
- ▶ ANSI/ADA Standard No. 53-2022, Polymer Based Crown and Veneering Materials (identical national adoption of ISO 10477:2020 and revision of ANSI/ADA Standard No. 53-2020)  
PINS Date: Mar 5, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Jan 31, 2022 | [Approved](#)
- ▶ ANSI/ADA Standard No. 54-1986 (R2014), Double-Pointed, Parenteral, Single Use Needles for Dentistry (reaffirmation of ANSI/ADA 54-1986 (R2009))  
Public Review Date: Feb 14, 2014 | Final Action Date: Sep 8, 2014 | [Approved](#)
- ▶ ANSI/ADA Standard No. 57-2021, Endodontic Sealing Materials (national adoption of ISO 6876:2012 with modifications and revision of ANSI/ADA Standard No. 57-2000 (R2012))  
PINS Date: Aug 21, 2020 | Public Review Date: Mar 12, 2021 | Final Action Date: Jul 7, 2021 | [Approved](#)
- ▶ ANSI/ADA Standard No. 62-2005 (R2020), Dental Abrasive Pastes (reaffirmation of ANSI/ADA Standard No. 62-2005 (R2015))  
Public Review Date: Aug 21, 2020 | Final Action Date: Dec 18, 2020 | [Approved](#)
- ▶ ANSI/ADA Standard No. 63-2020, Endodontic Instruments - Auxiliary (national adoption of ISO 3630-4:2009 with modifications and revision of ANSI/ADA Standard No. 63-2013)  
PINS Date: Aug 30, 2019 | Public Review Date: Aug 21, 2020 | Final Action Date: Dec 21, 2020 | [Approved](#)
- ▶ ANSI/ADA Standard No. 69-2020, Dental Ceramic (identical national adoption of ISO 6872:2015/Amd. 1:2018 and revision of ANSI/ADA Standard No. 69-2017)  
PINS Date: Aug 30, 2019 | Public Review Date: Jan 31, 2020 | Final Action Date: May 7, 2020 | [Approved](#)
- ▶ ANSI/ADA Standard No. 71-2022, Dentistry-Endodontic Instruments: Compactors (identical national adoption of ISO 3630-3:2021 and revision of ANSI/ADA Standard No. 71-2008 (R2013))  
PINS Date: Aug 30, 2019 | Public Review Date: Oct 1, 2021 | Final Action Date: Jan 31, 2022 | [Approved](#)
- ▶ ANSI/ADA Standard No. 73-2008 (R202x), Dental Absorbent Points (reaffirm a national adoption ANSI/ADA Standard No. 73-2008 (R2013))  
Public Review Date: Aug 30, 2019 | Final Action Date: Jan 31, 2020 | [Approved](#)
- ▶ ANSI/ADA Standard No. 74-2010 (R2015), Dental Operator's Stool (reaffirm a national adoption ANSI/ADA Specification No. 74-2010)  
Public Review Date: Feb 13, 2015 | Final Action Date: Oct 26, 2015 | [Approved](#)
- ▶ ANSI/ADA Standard No. 75-2020, Soft Lining Materials for Removable Dentures - Part 1: Materials for Short-Term Use (identical national adoption of ISO 10139-1:2018 and revision of ANSI/ADA Standard No. 75-1997 (R2014))  
PINS Date: Aug 30, 2019 | Public Review Date: Jan 31, 2020 | Final Action Date: May 7, 2020 | [Approved](#)
- ▶ ANSI/ADA Standard No. 78-2022, Dentistry - Endodontic Obturating Materials (identical national adoption of ISO 6877:2021 and revision of ANSI/ADA Standard No. 78-2013 (R2020))  
PINS Date: Nov 19, 2021 | Public Review Date: Apr 15, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)
- ▶ ANSI/ADA Standard No. 80-2001 (R2020), Dental Materials - Determination of Color Stability (reaffirm a national adoption ANSI/ADA Standard No. 80-2001 (R2013))  
Public Review Date: Aug 30, 2019 | Final Action Date: Jan 31, 2020 | [Approved](#)
- ▶ ANSI/ADA Standard No. 87-1995 (R2014), Dental Impression Trays (reaffirmation of ANSI/ADA 87-1995 (R2003))  
Public Review Date: Feb 28, 2014 | Final Action Date: Sep 8, 2014 | [Approved](#)

**ADA (Organization) (American Dental Association)**

- ▶ ANSI/ADA Standard No. 88-2019, Dental Brazing Alloys (identical national adoption of ISO 9333:2006 (R2015) and revision of ANSI/ADA Standard No 88-2000 (R2012))  
PINS Date: Jan 12, 2018 | Public Review Date: Sep 14, 2018 | Final Action Date: Aug 26, 2019 | [Approved](#)
- ▶ ANSI/ADA Standard No. 89-2017, Dental Operating Lights (identical national adoption of ISO 9680:2014 and revision of ANSI/ADA Standard No. 89-2008 (R2013))  
PINS Date: Mar 17, 2017 | Public Review Date: Aug 25, 2017 | Final Action Date: Dec 21, 2017 | [Approved](#)
- ▶ ANSI/ADA Standard No. 94-2021, Central Compressed Air Source Equipment (identical national adoption of ISO 22052:2020 and revision of ANSI/ADA Standard No. 94-1996 (R2014))  
PINS Date: Aug 21, 2020 | Public Review Date: Mar 12, 2021 | Final Action Date: Jul 7, 2021 | [Approved](#)
- ▶ ANSI/ADA Standard No. 95-2020, Endodontic Instruments - Enlargers (national adoption of ISO 3630-2:2013 with modifications and revision of ANSI/ADA Standard No. 95-2013)  
PINS Date: Aug 30, 2019 | Public Review Date: Aug 21, 2020 | Final Action Date: Dec 21, 2020 | [Approved](#)
- ▶ ANSI/ADA Standard No. 96-2020, Dental Water-Based Cements (national adoption of ISO 9917-1:2007 & ISO 9917-2:2017 with modifications and revision of ANSI/ADA 96, ISO 9917-2012)  
PINS Date: Jan 12, 2018 | Public Review Date: Aug 30, 2019 | Final Action Date: Jan 31, 2020 | [Approved](#)
- ▶ ANSI/ADA Standard No. 97-2022, Dentistry - Corrosion Test Methods for Metallic Materials (identical national adoption of ISO 10271:2020 and revision of ANSI/ADA Standard No. 97-2020)  
PINS Date: Nov 19, 2021 | Public Review Date: Apr 15, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)
- ▶ ANSI/ADA Standard No. 99-2001 (R2013), Athletic Mouth Protectors and Materials (reaffirmation of ANSI/ADA 99-2001 (R2008))  
Public Review Date: Feb 8, 2013 | Final Action Date: May 28, 2013 | [Approved](#)

**AGA (ASC B109) (American Gas Association)**

400 N. Capitol St., NW, Suite 450, Washington, DC 20001 | w: [www.aga.org](http://www.aga.org)

- ▶ ANSI B109.1-2019, ASD B109.1 Diaphragm-Type Gas Displacement Meters (Under 500 Cubic Feet Hour Capacity) (new standard)  
PINS Date: Sep 30, 2016 | Public Review Date: Jan 18, 2019 | Final Action Date: Apr 8, 2019 | [Approved](#)
- ▶ ANSI B109.2-2020, Diaphragm-Type Gas Displacement Meters ( 500 Cubic Feet HourCapacity and Over) (new standard)  
PINS Date: Dec 4, 2009 | Public Review Date: Dec 6, 2019 | Final Action Date: Mar 16, 2020 | [Approved](#)
- ▶ ANSI B109.3-2019, ASD B109.3 Rotary-Type Gas Displacement Meters (revision of ANSI B109.3-2000 (R2008))  
PINS Date: Oct 20, 2017 | Public Review Date: Nov 30, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)
- ▶ ANSI B109.4-2017, Self-Operated Diaphragm Type Natural Gas Service Regulators (revision of ANSI B109.4-1998 (R2008))  
PINS Date: Aug 1, 2014 | Public Review Date: Sep 2, 2016 | Final Action Date: Feb 3, 2017 | [Approved](#)
- ▶ ANSI B109.4-2021, Self-Operated Diaphragm-Type Natural Gas Service Regulators For Nominal Pipe Size 1 inches (32 mm) and smaller with outlet pressures of 2 psi (13.8 kPa) and less (revision of ANSI B109.4-2017)  
Public Review Date: Jul 9, 2021 | Final Action Date: Oct 22, 2021 | [Approved](#)

**AGA (ASC Z223) (American Gas Association)**

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | w: [www.agas.org](http://www.agas.org)

- ▶ ANSI Z223.1/NFPA 54-2021, National Fuel Gas Code (revision of ANSI Z223.1/NFPA 54-2018)  
PINS Date: May 18, 2018 | Public Review Date: Oct 18, 2019 | Final Action Date: Apr 2, 2020 | [Approved](#)

**AGA (ASC Z380) (American Gas Association)**

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | w: [www.ag.org](http://www.ag.org)

- ▶ ANSI GPTC Z380.1-2022, Guide for Transmission, Distribution and Gathering Piping Systems , 2022 Edition (revision, redesignation and consolidation of ANSI/GPTC Z380.1-2018, Addendum No. 1-2018, ANSI/GPTC Z380.1-2018, Addendum No. 2-2018, ANSI/GPTC Z380.1-2018, Addendum No. 3-2019, ANSI GPTC Z380.1-2018, Addendum No. 4 -2019, ANSI/GPTC Z380.1-2018, Addendum No. 5-2019, ANSI/GPTC Z380.1-2018, Addendum No. 6-2021)  
Public Review Date: Dec 24, 2021 | Final Action Date: Mar 1, 2022 | [Approved](#)

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- ▶ ANSI GPTC Z380.1-2022, Addendum No. 1, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2022)

Public Review Date: Apr 8, 2022 | Final Action Date: Jun 2, 2022 | [Approved](#)

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- ▶ ANSI GPTC Z380.1-2022, Addendum No. 2, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2022)

Public Review Date: Oct 7, 2022 | Final Action Date: Dec 1, 2022 | [Approved](#)

**AGMA (American Gear Manufacturers Association)**

1001 N Fairfax Street, 5th Floor, Alexandria, VA 22314-1587 | w: [www.agma.org](http://www.agma.org)

- ▶ ANSI/AGMA 1003-H07 (R2020), Tooth Proportions for Fine- Pitch Spur and Helical Gearing (reaffirmation of ANSI/AGMA 1003-H07 (R2014))

Public Review Date: May 10, 2019 | Final Action Date: Feb 6, 2020 | [Approved](#)

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- ▶ ANSI/AGMA 1006-A97 (R2016), Tooth Proportions for Plastic Gears (reaffirmation of ANSI/AGMA 1006-A97 (R2009))

Public Review Date: Jun 13, 2014 | Final Action Date: Aug 29, 2016 | [Approved](#)

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- ▶ ANSI/AGMA 1010-14 (R2020), Appearance of Gear Teeth - Terminology of Wear and Failure (reaffirmation of ANSI/AGMA 1010-14)

Public Review Date: Apr 26, 2019 | Final Action Date: Feb 6, 2020 | [Approved](#)

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- ▶ ANSI/AGMA 1102-C19, Tolerance Specification for Gear Hobs (revision and redesignation of ANSI/AGMA 110213)  
PINS Date: Mar 16, 2018 | Public Review Date: May 10, 2019 | Final Action Date: Dec 5, 2019 | [Approved](#)

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- ▶ ANSI/AGMA 1103-H07 (R2020), Tooth Proportions for Fine--Pitch Spur and Helical Gearing - Metric Edition (reaffirmation of ANSI/AGMA 1103-H07 (R2014))

Public Review Date: May 10, 2019 | Final Action Date: Feb 6, 2020 | [Approved](#)

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- ▶ ANSI/AGMA 1104-A09 (R2020), Tolerance Specification for Shaper Cutters (reaffirmation of ANSI/AGMA 1104-A09 (R2015))

Public Review Date: Jun 5, 2020 | Final Action Date: Nov 19, 2020 | [Approved](#)

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- ▶ ANSI/AGMA 1106-A97 (R2016), Tooth Proportions for Plastic Gears - Metric Edition (reaffirmation of ANSI/AGMA 1106-A97 (R2009))

Public Review Date: Jun 13, 2014 | Final Action Date: Aug 29, 2016 | [Approved](#)

- 
- ▶ ANSI/AGMA 1107-A19, Tolerance Specification for Form Milling Cutters (new standard)

PINS Date: Jun 15, 2012 | Public Review Date: May 10, 2019 | Final Action Date: Dec 17, 2019 | [Approved](#)

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- ▶ ANSI/AGMA 2001-D04 (R2016), Fundamental Rating Factors and Calculation Methods for Involute Spur and Helical Gear Teeth (reaffirmation of ANSI/AGMA 2001-D04 (R2010))

Public Review Date: Jul 17, 2015 | Final Action Date: Mar 16, 2016 | [Approved](#)

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- ▶ ANSI/AGMA 2002-D19, Tooth Thickness and Backlash Measurement of Cylindrical Involute Gearing (revision of ANSI/AGMA 2002-C16)

PINS Date: Oct 26, 2018 | Public Review Date: Jan 18, 2019 | Final Action Date: Dec 9, 2019 | [Approved](#)

**AGMA (American Gear Manufacturers Association)**

- ▶ ANSI/AGMA 2003-D19, Rating the Pitting Resistance and Bending Strength of Generated Straight Bevel, Zerol Bevel and Spiral Bevel Gear Teeth (revision and redesignation of ANSI/AGMA 2003-10 (R2015))  
PINS Date: Dec 15, 2017 | Public Review Date: Dec 14, 2018 | Final Action Date: May 14, 2019 | [Approved](#)

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- ▶ ANSI/AGMA 2004-C08 (R2020), Gear Materials, Heat Treatment and Processing Manual (reaffirmation of ANSI/AGMA 2004-08 (R2014))  
Public Review Date: Jul 19, 2019 | Final Action Date: Feb 6, 2020 | [Approved](#)

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- ▶ ANSI/AGMA 2007-C00:1995/ISO 14104:1995 (R2013), Gears - Surface Temper Etch Inspection after Grinding (reaffirm a national adoption ANSI/AGMA 2007-C00:1995/ISO 14104:1995 (R2006))  
Public Review Date: Mar 2, 2012 | Final Action Date: Aug 1, 2013 | [Approved](#)

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- ▶ ANSI/AGMA 2008-D11 (R2021), Assembling Bevel Gears (reaffirmation of ANSI/AGMA 2008-D11 (R2016))  
Public Review Date: Jun 4, 2021 | Final Action Date: Nov 1, 2021 | [Approved](#)

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- ▶ ANSI/AGMA 2011-B14 (R2019), Cylindrical Wormgearing Tolerance and Inspection Methods (reaffirmation of ANSI/AGMA 2011-B14)  
Public Review Date: Aug 30, 2019 | Final Action Date: Dec 17, 2019 | [Approved](#)

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- ▶ ANSI/AGMA 2101-D04 (R2016), Fundamental Rating Factors and Calculation Methods for Involute Spur and Helical Gear Teeth (reaffirmation of ANSI/AGMA 2101-D04 (R2010))  
Public Review Date: Jul 17, 2015 | Final Action Date: Mar 16, 2016 | [Approved](#)

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- ▶ ANSI/AGMA 2111-A98 (R2020), Cylindrical Wormgearing Tolerance and Inspection - Methods (Metric) (reaffirmation of ANSI/AGMA 2111-A98 (R2015))  
Public Review Date: Jul 3, 2020 | Final Action Date: Nov 20, 2020 | [Approved](#)

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- ▶ ANSI/AGMA 2116-A05 (R2017), Evaluation of Double Flank Testers for Radial Composite Measurement of Gears (reaffirmation of ANSI/AGMA 2116-A05 (R2011))  
Public Review Date: Sep 30, 2016 | Final Action Date: Feb 2, 2017 | [Approved](#)

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- ▶ ANSI/AGMA 6000-C20, Specification for Measurement of Linear Vibration on Gear Units (revision and redesignation of ANSI/AGMA 6000-B96 (R2016))  
PINS Date: Aug 5, 2016 | Public Review Date: Jul 17, 2020 | Final Action Date: Nov 30, 2020 | [Approved](#)

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- ▶ ANSI/AGMA 6001-F19, Design and Selection of Components for Enclosed Gear Drives (revision and redesignation of ANSI/AGMA 6001-E08 (R2014))  
PINS Date: May 27, 2011 | Public Review Date: May 11, 2018 | Final Action Date: Jan 18, 2019 | [Approved](#)

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- ▶ ANSI/AGMA 6002-D20, Design Guide for Vehicle Spur and Helical Gears (revision of ANSI/AGMA 6002-C15)  
PINS Date: Sep 30, 2016 | Public Review Date: Jul 19, 2019 | Final Action Date: Feb 6, 2020 | [Approved](#)

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- ▶ ANSI/AGMA 6006-B20, Standard for Design and Specifications of Gearboxes for Wind Turbines (revision of ANSI/AGMA/AWEA 6006-A0304 (R2016))  
PINS Date: May 27, 2011 | Public Review Date: Dec 29, 2017 | Final Action Date: Feb 11, 2020 | [Approved](#)

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- ▶ ANSI/AGMA 6008-A98 (R2017), Specifications for Powder Metallurgy Gears (reaffirmation of ANSI/AGMA 6008-A98 (R2012))  
Public Review Date: Jul 7, 2017 | Final Action Date: Dec 14, 2017 | [Approved](#)

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- ▶ ANSI/AGMA 6011-J14 (R2019), Specification for High Speed Helical Gear Units (reaffirmation of ANSI/AGMA 6011-J14)  
Public Review Date: Apr 26, 2019 | Final Action Date: Dec 19, 2019 | [Approved](#)

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- ▶ ANSI/AGMA 6013-B16 (R2021), Standard for Industrial Enclosed Gear Drives (reaffirmation of ANSI/AGMA 6013-B16)  
Public Review Date: Jun 4, 2021 | Final Action Date: Nov 23, 2021 | [Approved](#)

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**AGMA (American Gear Manufacturers Association)**

- ▶ ANSI/AGMA 6014-B15 (R2020), Gear Power Rating for Cylindrical Shell and Trunnion Supported Equipment (reaffirmation of ANSI/AGMA 6014-B15)  
Public Review Date: Jun 12, 2020 | Final Action Date: Nov 30, 2020 | [Approved](#)

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- ▶ ANSI/AGMA 6015-A13 (R2018), Power Rating of Single and Double Helical Gearing for Rolling Mill Service (reaffirmation of ANSI/AGMA 6015-13)  
Public Review Date: Jun 8, 2018 | Final Action Date: Dec 17, 2018 | [Approved](#)

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- ▶ ANSI/AGMA 6022-D19, Design Manual for Cylindrical Wormgearing (new standard)  
PINS Date: Dec 14, 2018 | Public Review Date: Apr 19, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI/AGMA 6025-E19, Sound for Enclosed Helical, Herringbone and Spiral Bevel Gear Drives (revision and redesignation of ANSI/AGMA 6025-D98 (R2016))  
PINS Date: Aug 5, 2016 | Public Review Date: Jan 26, 2018 | Final Action Date: Jan 18, 2019 | [Approved](#)

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- ▶ ANSI/AGMA 6032-B13 (R2018), Standard for Marine Gear Units: Rating and Application for Spur and Helical Gear Teeth (reaffirmation of ANSI/AGMA 6032-B13)  
Public Review Date: Jul 20, 2018 | Final Action Date: Dec 14, 2018 | [Approved](#)

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- ▶ ANSI/AGMA 6033-C08 (R2020), Materials for Marine Propulsion Gearing (reaffirmation of ANSI/AGMA 6033-08 (R2014))  
Public Review Date: Jul 19, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

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- ▶ ANSI/AGMA 6034-C21, Practice for Enclosed Cylindrical Wormgear Speed Reducers and Gearmotors (revision and redesignation of ANSI/AGMA 6034-B92-10 (R2016))  
PINS Date: Apr 19, 2013 | Public Review Date: Feb 8, 2019 | Final Action Date: Apr 8, 2021 | [Approved](#)

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- ▶ ANSI/AGMA 6035-A02 (R2019), Design, Rating and Application of Industrial Globoidal Wormgearing (reaffirmation of ANSI/AGMA 6035-A02 (R2013))  
Public Review Date: Dec 21, 2018 | Final Action Date: May 14, 2019 | [Approved](#)

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- ▶ ANSI/AGMA 6101-F19, Design and Selection of Components for Enclosed Gear Drive (Metric Edition) (revision and redesignation of ANSI/AGMA 6101-E08 (R2014))  
PINS Date: May 27, 2011 | Public Review Date: May 11, 2018 | Final Action Date: Feb 1, 2019 | [Approved](#)

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- ▶ ANSI/AGMA 6102-D20, Design Guide for Vehicle Spur and Helical Gears (Metric Edition) (revision of ANSI/AGMA 6102-C15)  
PINS Date: Sep 30, 2016 | Public Review Date: Jul 19, 2019 | Final Action Date: Feb 6, 2020 | [Approved](#)

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- ▶ ANSI/AGMA 6113-B16 (R2021), Standard for Industrial Enclosed Gear Drives- Metric Edition (reaffirmation of ANSI/AGMA 6113-B16)  
Public Review Date: Jun 4, 2021 | Final Action Date: Nov 29, 2021 | [Approved](#)

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- ▶ ANSI/AGMA 6114-B15 (R2020), Gear Power Rating for Cylindrical Shell and Trunnion Supported Equipment- Metric Edition (reaffirmation of ANSI/AGMA 6114-B15)  
Public Review Date: Jun 12, 2020 | Final Action Date: Nov 30, 2020 | [Approved](#)

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- ▶ ANSI/AGMA 6115-A13 (R2018), Power Rating of Single and Double Helical Gearing for Rolling Mill Service- Metric Edition (reaffirmation of ANSI/AGMA 6115-13)  
Public Review Date: Jun 8, 2018 | Final Action Date: Dec 14, 2018 | [Approved](#)

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- ▶ ANSI/AGMA 6123-C16 (R2021), Design Manual for Enclosed Epicyclic Gear Drives (reaffirmation of ANSI/AGMA 6123-C16)  
Public Review Date: Apr 23, 2021 | Final Action Date: Oct 7, 2021 | [Approved](#)

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**AGMA (American Gear Manufacturers Association)**

- ▶ ANSI/AGMA 6132-B13 (R2018), Standard for Marine Gear Units: Rating and Application for Spur and Helical Gear Teeth- Metric Edition (reaffirmation of ANSI/AGMA 6132-B13)  
Public Review Date: Jul 20, 2018 | Final Action Date: Dec 14, 2018 | [Approved](#)

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- ▶ ANSI/AGMA 6133-C08 (R2020), Materials for Marine Propulsion Gearing - Metric Edition (reaffirmation of ANSI/AGMA 6133-08 (R2014))  
Public Review Date: Jul 19, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

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- ▶ ANSI/AGMA 6134-C21, Practice for Enclosed Cylindrical Wormgear Speed Reducers and Gearmotors - Metric Edition (new standard)  
PINS Date: Mar 20, 2020 | Public Review Date: Jul 17, 2020 | Final Action Date: Apr 9, 2021 | [Approved](#)

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- ▶ ANSI/AGMA 6135-A08 (R2019), Design, Rating and Application of Industrial Globoidal Wormgearing (Metric Edition) (reaffirmation of ANSI/AGMA 6135-08 (R2013))  
Public Review Date: Dec 21, 2018 | Final Action Date: May 14, 2019 | [Approved](#)

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- ▶ ANSI/AGMA 9000-D11 (R2021), Flexible Couplings -- Potential Unbalance Classification (reaffirmation of ANSI/AGMA 9000-D11 (R2016))  
Public Review Date: Aug 6, 2021 | Final Action Date: Jan 6, 2022 | [Approved](#)

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- ▶ ANSI/AGMA 9001-C18, Flexible Couplings Lubrication (revision and redesignation of ANSI/AGMA 9001-B97 (R2014))  
PINS Date: Jun 14, 2013 | Public Review Date: Jan 19, 2018 | Final Action Date: Jun 15, 2018 | [Approved](#)

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- ▶ ANSI/AGMA 9002-C14 (R2020), Bores and Keyways for Flexible Couplings (Inch Series) (reaffirmation of ANSI/AGMA 9002-C14)  
Public Review Date: Jul 19, 2019 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/AGMA 9003-C17 (R2022), Flexible Couplings – Keyless Fits (reaffirmation of ANSI/AGMA 9003-C17)  
Public Review Date: Mar 18, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/AGMA 9004-B08 (R2020), Flexible Couplings -- Mass Elastic Properties and Other Characteristics (reaffirmation of ANSI/AGMA 9004-B08 (R2014))  
Public Review Date: Apr 26, 2019 | Final Action Date: Apr 23, 2020 | [Approved](#)

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- ▶ ANSI/AGMA 9005-F16 (R2021), Industrial Gear Lubrication (reaffirmation of ANSI/AGMA 9005-F16)  
Public Review Date: May 21, 2021 | Final Action Date: Oct 5, 2021 | [Approved](#)

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- ▶ ANSI/AGMA 9006-A16 (R2021), Flexible Couplings – Basis for Rating (reaffirmation of ANSI/AGMA 9006-A16)  
Public Review Date: Aug 6, 2021 | Final Action Date: Jan 6, 2022 | [Approved](#)

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- ▶ ANSI/AGMA 9008-B00 (R2022), Flexible Couplings -- Gear Type -- Flange Dimensions, Inch Series (reaffirmation of ANSI/AGMA 9008-B99 (R2017))  
Public Review Date: Mar 25, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/AGMA 9009-E20, Flexible Couplings – Nomenclature for Flexible Couplings (revision and redesignation of ANSI/AGMA 9009-D02 (R2014))  
PINS Date: May 31, 2013 | Public Review Date: Feb 14, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/AGMA 9103-C17 (R2022), Flexible Couplings – Keyless Fits (Metric Edition) (reaffirmation of ANSI/AGMA 9103-C17)  
Public Review Date: Mar 18, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/AGMA 9104-A06 (R2022), Flexible Couplings - Mass Elastic Properties and Other Characteristics (Metric Edition) (reaffirmation of ANSI/AGMA 9104-A06 (R2017))  
Public Review Date: Mar 25, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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**AGMA (American Gear Manufacturers Association)**

- ▶ ANSI/AGMA 9110-A11 (R2021), Flexible Couplings -- Potential Unbalance Classification - Metric Edition (reaffirmation of ANSI/AGMA 9110-A11-11 (R2016))  
Public Review Date: Aug 6, 2021 | Final Action Date: Jan 6, 2022 | [Approved](#)
- ▶ ANSI/AGMA 9112-B15 (R2020), Bores and Keyways for Flexible Couplings (Metric Series) (reaffirmation of ANSI/AGMA 9112-B15)  
Public Review Date: Jun 12, 2020 | Final Action Date: Dec 7, 2020 | [Approved](#)
- ▶ ANSI/AGMA ISO 1328-1-A14, Cylindrical gears - ISO system of flank tolerance classification - Part 1: Definitions and allowable values of deviations relevant to flanks of gear teeth (identical national adoption of ISO 1328-1:2013 and revision of ANSI/AGMA/ISO 1328-1-A99)  
PINS Date: Dec 20, 2013 | Public Review Date: Jan 17, 2014 | Final Action Date: Sep 30, 2014 | [Approved](#)
- ▶ ANSI/AGMA ISO 1328-2-21, Cylindrical gears — ISO system of flank tolerance classification — Part 2: Definitions and allowable values of double flank radial composite deviations (identical national adoption of ISO 1328-2:2020)  
PINS Date: Jan 29, 2021 | Public Review Date: Mar 5, 2021 | Final Action Date: Oct 18, 2021 | [Approved](#)
- ▶ ANSI/AGMA ISO 17485-A08 (R2014), Bevel Gears - ISO System of Accuracy (reaffirm a national adoption ANSI/AGMA ISO 17485-A08)  
Public Review Date: Jun 14, 2013 | Final Action Date: Mar 12, 2014 | [Approved](#)
- ▶ ANSI/AGMA ISO 18653-06, Gears - Evaluation of Instruments for the Measurement of Individual Gears (identical national adoption of ISO 18653:2003)  
Public Review Date: Oct 21, 2005 | Final Action Date: Sep 29, 2006 | [Approved](#)
- ▶ ANSI/AGMA ISO 23509-B17, Bevel and Hypoid Gear Geometry (identical national adoption of ISO 23509:2016 and revision of ANSI/AGMA ISO 23509-A08)  
PINS Date: Feb 24, 2017 | Public Review Date: Mar 31, 2017 | Final Action Date: Dec 12, 2017 | [Approved](#)

**AGSC (Auto Glass Safety Council)**

20 PGA Drive, Suite 201, Stafford, VA 22554 | w: [www.agsc.org](http://www.agsc.org)

- ▶ ANSI/AGSC/AGRSS 005-2022, Auto Glass Safety Council/Automotive Glass Replacement Safety Standard 005 (revision and redesignation of ANSI/AGSC/AGRSS 004-2018)  
Public Review Date: May 27, 2022 | Final Action Date: Jul 21, 2022 | [Approved](#)
- ▶ ANSI/AGSC/NWRD/ROLAGS 002-2022, Auto Glass Safety Council/National Windshield Repair Division/Repair of Laminated Auto Glass Standard 002 (new standard)  
PINS Date: Oct 15, 2021 | Public Review Date: Sep 2, 2022 | Final Action Date: Dec 8, 2022 | [Approved](#)

**AHAM (Association of Home Appliance Manufacturers)**

1111 19th Street N.W., Suite 402, Washington, DC 20036 | w: [www.aham.org](http://www.aham.org)

- ▶ ANSI/AHAM AC-1-2020, Method for Measuring Performance of Portable Household Electric Room Air Cleaners (revision of ANSI/AHAM AC-1-2015)  
PINS Date: Mar 6, 2020 | Public Review Date: Aug 14, 2020 | Final Action Date: Dec 14, 2020 | [Approved](#)
- ▶ ANSI/AHAM AC-4-2022, Method of Assessing the Reduction Rate of Chemical Gases by a Room Air Cleaner (new standard)  
PINS Date: Oct 30, 2020 | Public Review Date: Jun 24, 2022 | Final Action Date: Nov 18, 2022 | [Approved](#)
- ▶ ANSI/AHAM AC-5-2022, Method for Assessing the Reduction Rate of Key Bioaerosols by Portable Air Cleaners Using an Aerobiology Test Chamber (new standard)  
PINS Date: Oct 30, 2020 | Public Review Date: May 20, 2022 | Final Action Date: Nov 18, 2022 | [Approved](#)

**AHRI (Air-Conditioning, Heating, and Refrigeration Institute)**

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201-3001 | w: [www.ahrinet.org](http://www.ahrinet.org)

- ▶ ANSI/AHRI 310/380-2014, Standard for Packaged Terminal Air-Conditioners and Heat Pumps (revision of ANSI/AHRI Standard 310/380-2004)

PINS Date: Jul 3, 2009 | Public Review Date: Feb 21, 2014 | Final Action Date: Apr 15, 2014 | [Approved](#)

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- ▶ ANSI/AHRI Standard 1160 (I-P)-2014, Performance Rating of Heat Pump Pool Heaters (revision of ANSI/AHRI Standard 1160 (I-P)-2011)

PINS Date: Jun 27, 2014 | Public Review Date: Aug 29, 2014 | Final Action Date: Nov 19, 2014 | [Approved](#)

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- ▶ ANSI/AHRI Standard 1161 (SI)-2014, Performance Rating of Heat Pump Pool Heaters (revision of ANSI/AHRI Standard 1161 (SI)-2011)

PINS Date: Jun 27, 2014 | Public Review Date: Aug 29, 2014 | Final Action Date: Nov 20, 2014 | [Approved](#)

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- ▶ ANSI/AHRI Standard 1200 (I-P)-2013, Performance Rating of Commercial Refrigerated Display Merchandisers and Storage Cabinets (revision of ANSI/AHRI Standard 1200-2010)

PINS Date: Jul 19, 2013 | Public Review Date: Aug 9, 2013 | Final Action Date: Oct 1, 2013 | [Approved](#)

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- ▶ ANSI/AHRI Standard 1201 (SI)-2013, Performance Rating of Commercial Refrigerated Display Merchandisers and Storage Cabinets (revision of ANSI/AHRI Standard 1201-2010)

PINS Date: Jul 19, 2013 | Public Review Date: Aug 9, 2013 | Final Action Date: Oct 1, 2013 | [Approved](#)

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- ▶ ANSI/AHRI Standard 1210 (I-P)-2011 with Addendum 1, Performance Rating of Variable Frequency Drives (revision, redesignation and consolidation of ANSI/AHRI Standard 1210-2011)

PINS Date: Jul 19, 2013 | Public Review Date: Aug 9, 2013 | Final Action Date: Oct 1, 2013 | [Approved](#)

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- ▶ ANSI/AHRI Standard 1211 (SI)-2011 with Addendum 1, Performance Rating of Variable Frequency Drives (revision of ANSI/AHRI Standard 1210-2011)

Public Review Date: Aug 16, 2013 | Final Action Date: Oct 1, 2013 | [Approved](#)

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- ▶ ANSI/AHRI Standard 1250 (I-P)-2014, Performance Rating of Walk-In Coolers and Freezers (revision of ANSI/AHRI Standard 1250-2010)

PINS Date: May 16, 2014 | Public Review Date: Feb 20, 2015 | Final Action Date: May 19, 2015 | [Approved](#)

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- ▶ ANSI/AHRI Standard 1251 (SI)-2014, Performance Rating of Walk-In Coolers and Freezers (revision of ANSI/AHRI Standard 1251-2010)

PINS Date: May 16, 2014 | Public Review Date: Feb 20, 2015 | Final Action Date: May 19, 2015 | [Approved](#)

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- ▶ ANSI/AHRI Standard 1270 (I-P)-2015, Requirements for Seismic Qualification of HVACR Equipment (revision of ANSI/AHRI Standard 1270 (I-P)-2013)

PINS Date: Jan 16, 2015 | Public Review Date: Aug 7, 2015 | Final Action Date: Nov 6, 2015 | [Approved](#)

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- ▶ ANSI/AHRI Standard 1271 (SI)-2015, Requirements for Seismic Qualification of HVACR Equipment (revision of ANSI/AHRI Standard 1271 (SI)-2013)

PINS Date: Jan 16, 2015 | Public Review Date: Aug 7, 2015 | Final Action Date: Nov 6, 2015 | [Approved](#)

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- ▶ ANSI/AHRI Standard 1300 (I-P)-2013, Performance Rating of Commercial Heat Pump Water Heaters (new standard)

PINS Date: Jun 18, 2010 | Public Review Date: Aug 9, 2013 | Final Action Date: Sep 30, 2013 | [Approved](#)

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- ▶ ANSI/AHRI Standard 1301 (SI)-2013, Performance Rating of Commercial Heat Pump Water Heaters (new standard)

PINS Date: Jun 18, 2010 | Public Review Date: Aug 9, 2013 | Final Action Date: Sep 30, 2013 | [Approved](#)

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- ▶ ANSI/AHRI Standard 1330-2015, Performance Rating for Radiant Output of Gas Fired Infrared Heaters (new standard)

PINS Date: Jun 3, 2011 | Public Review Date: Aug 29, 2014 | Final Action Date: Apr 20, 2015 | [Approved](#)

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**AHRI (Air-Conditioning, Heating, and Refrigeration Institute)**

- ▶ ANSI/AHRI Standard 1350 (I-P)-2014, Mechanical Performance Rating of Central Station Air-handling Unit Casings (new standard)  
PINS Date: Jan 16, 2015 | Public Review Date: Feb 20, 2015 | Final Action Date: May 19, 2015 | [Approved](#)

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- ▶ ANSI/AHRI Standard 1351 (SI)-2015, Mechanical Performance Rating of Central Station Air-handling Unit Casings (new standard)  
PINS Date: Jan 16, 2015 | Public Review Date: Feb 20, 2015 | Final Action Date: May 19, 2015 | [Approved](#)

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- ▶ ANSI/AHRI Standard 1500-2014, Method to Determine Efficiency of Commercial Space Heating Boilers (new standard)  
PINS Date: Aug 6, 2010 | Public Review Date: Sep 12, 2014 | Final Action Date: Nov 19, 2014 | [Approved](#)

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- ▶ ANSI/AHRI Standard 220-2015, Reverberation Room Qualification and Testing Procedures for Determining Sound Power of HVAC Equipment (revision of ANSI/AHRI Standard 220-2010)  
PINS Date: Jul 24, 2015 | Public Review Date: Sep 25, 2015 | Final Action Date: Nov 6, 2015 | [Approved](#)

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- ▶ ANSI/AHRI Standard 250-2013, Performance and Calibration of Reference Sound Sources (revision of ANSI/AHRI Standard 250-2011)  
PINS Date: Dec 27, 2013 | Public Review Date: Feb 21, 2014 | Final Action Date: Apr 16, 2014 | [Approved](#)

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- ▶ ANSI/AHRI Standard 370-2015, Sound Performance Rating of Large Air-cooled Outdoor Refrigerating and Air-conditioning Equipment (revision of ANSI/AHRI Standard 370-2011)  
PINS Date: Jun 26, 2015 | Public Review Date: Aug 7, 2015 | Final Action Date: Nov 6, 2015 | [Approved](#)

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- ▶ ANSI/AHRI Standard 400 (I-P)-2015, Performance Rating of Liquid to Liquid Heat Exchangers (new standard)  
PINS Date: Jun 26, 2015 | Public Review Date: Aug 7, 2015 | Final Action Date: Nov 6, 2015 | [Approved](#)

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- ▶ ANSI/AHRI Standard 401 (SI)-2015, Performance Rating of Liquid to Liquid Heat Exchangers (new standard)  
PINS Date: Jun 26, 2015 | Public Review Date: Aug 7, 2015 | Final Action Date: Nov 6, 2015 | [Approved](#)

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- ▶ ANSI/AHRI Standard 540 (I-P and SI)-2016, Performance Rating of Positive Displacement Refrigerant Compressors and Compressor Units (new standard)  
PINS Date: Feb 21, 2014 | Public Review Date: Oct 30, 2015 | Final Action Date: Apr 7, 2016 | [Approved](#)

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- ▶ ANSI/AHRI Standard 550/590 (I-P)-2012 with Addendum 1, Performance Rating of Water-Chilling and Heat Pump Water-Heating Packages Using the Vapor Compression Cycle (revision of ANSI/AHRI Standard 550/590 (I-P)-2012)  
PINS Date: Oct 19, 2012 | Public Review Date: Apr 12, 2013 | Final Action Date: Jun 12, 2013 | [Approved](#)

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- ▶ ANSI/AHRI Standard 551/591 (SI) with Addendum 1-2012, Performance Rating of Water-Chilling and Heat Pump Water-Heating Packages Using the Vapor Compression Cycle (revision of ANSI/AHRI Standard 551/591-2011)  
PINS Date: Oct 19, 2012 | Public Review Date: Apr 26, 2013 | Final Action Date: Jun 18, 2013 | [Approved](#)

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- ▶ ANSI/AHRI Standard 610 (I-P)-2014, Performance Rating of Central System Humidifiers for Residential Applications (new standard)  
PINS Date: Mar 21, 2014 | Public Review Date: Aug 29, 2014 | Final Action Date: Nov 19, 2014 | [Approved](#)

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- ▶ ANSI/AHRI Standard 611 (SI)-2014, Performance Rating of Central System Humidifiers for Residential Applications (new standard)  
PINS Date: Mar 21, 2014 | Public Review Date: Aug 29, 2014 | Final Action Date: Nov 19, 2014 | [Approved](#)

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- ▶ ANSI/AHRI Standard 620 (I-P)-2014, Performance Rating of Self-contained Humidifiers for Residential Applications (new standard)  
PINS Date: Mar 21, 2014 | Public Review Date: Aug 29, 2014 | Final Action Date: Nov 19, 2014 | [Approved](#)

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- ▶ ANSI/AHRI Standard 621 (SI)-2014, Performance Rating of Self-contained Humidifiers for Residential Applications (new standard)  
PINS Date: Mar 21, 2014 | Public Review Date: Aug 29, 2014 | Final Action Date: Nov 19, 2014 | [Approved](#)

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**AHRI (Air-Conditioning, Heating, and Refrigeration Institute)**

- ▶ ANSI/AHRI Standard 680 (I-P)-2015, Performance Rating of Residential Air Filter Equipment (revision of ANSI/AHRI Standard 680 (I-P)-2010)

PINS Date: Feb 19, 2016 | Public Review Date: May 20, 2016 | Final Action Date: Jul 8, 2016 | [Approved](#)

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- ▶ ANSI/AHRI Standard 681 (SI)-2015, Performance Rating of Residential Air Filter Equipment (revision of ANSI/AHRI Standard 681 (SI)-2010)

PINS Date: Feb 19, 2016 | Public Review Date: May 20, 2016 | Final Action Date: Jul 8, 2016 | [Approved](#)

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- ▶ ANSI/AHRI Standard 715 (I-P)-2015, Performance Rating of Liquid-Line Filters (new standard)

PINS Date: Jun 27, 2014 | Public Review Date: Aug 29, 2014 | Final Action Date: Apr 14, 2015 | [Approved](#)

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- ▶ ANSI/AHRI Standard 716 (SI)-2015, Performance Rating of Liquid-Line Filters (new standard)

PINS Date: Jun 27, 2014 | Public Review Date: Aug 29, 2014 | Final Action Date: Apr 14, 2015 | [Approved](#)

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- ▶ ANSI/AHRI Standard 730 (I-P)-2013, Flow Capacity Rating of Suction-Line Filters and Suction-Line Filter-Driers (revision and redesignation of ANSI/AHRI Standard 730-2005)

PINS Date: Jan 17, 2014 | Public Review Date: Feb 21, 2014 | Final Action Date: Apr 15, 2014 | [Approved](#)

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- ▶ ANSI/AHRI Standard 731 (SI)-2013, Flow Capacity Rating of Suction-Line Filters and Suction-Line Filter-Driers (new standard)

PINS Date: Jan 17, 2014 | Public Review Date: Feb 21, 2014 | Final Action Date: Apr 15, 2014 | [Approved](#)

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- ▶ ANSI/AHRI Standard 740-2015, Performance Rating of Refrigerant Recovery Equipment and Recovery/Recycling Equipment (new standard)

PINS Date: Jul 3, 2009 | Public Review Date: Aug 7, 2015 | Final Action Date: Nov 6, 2015 | [Approved](#)

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- ▶ ANSI/AHRI Standard 760 (I-P)-2014, Performance Rating of Solenoid Valves for Use with Volatile Refrigerants (revision of ANSI/AHRI Standard 760-2007)

PINS Date: Jan 16, 2015 | Public Review Date: Feb 20, 2015 | Final Action Date: May 15, 2015 | [Approved](#)

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- ▶ ANSI/AHRI Standard 761 (SI)-2014, Performance Rating of Solenoid Valves for Use with Volatile Refrigerants (new standard)

PINS Date: Jan 16, 2015 | Public Review Date: Feb 20, 2015 | Final Action Date: May 15, 2015 | [Approved](#)

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- ▶ ANSI/AHRI Standard 770 (I-P)-2014, Performance Rating of Refrigerant Pressure Regulating Valves (new standard)

PINS Date: Jan 16, 2015 | Public Review Date: Feb 20, 2015 | Final Action Date: May 19, 2015 | [Approved](#)

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- ▶ ANSI/AHRI Standard 771 (SI)-2014, Performance Rating of Refrigerant Pressure Regulating Valves (new standard)

PINS Date: Jan 16, 2015 | Public Review Date: Feb 20, 2015 | Final Action Date: May 19, 2015 | [Approved](#)

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- ▶ ANSI/AHRI Standard 850 (I-P)-2013

, Performance Rating of Commercial and Industrial Air Filter Equipment (revision and partition of ANSI/AHRI Standard 850-2004)

PINS Date: Jul 17, 2009 | Public Review Date: Feb 21, 2014 | Final Action Date: Apr 16, 2014 | [Approved](#)

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- ▶ ANSI/AHRI Standard 851 (SI)-2013, Performance Rating of Commercial and Industrial Air Filter Equipment (revision and partition of ANSI/AHRI Standard 850-2004)

PINS Date: Jul 17, 2009 | Public Review Date: Feb 21, 2014 | Final Action Date: Apr 15, 2014 | [Approved](#)

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- ▶ ANSI/AHRI Standard 900 (I-P)-2015 (R2020), Performance Rating of Thermal Storage Equipment Used for Cooling (reaffirmation of ANSI/AHRI Standard 900 (I-P)-2015)

Public Review Date: Jul 10, 2020 | Final Action Date: Sep 24, 2020 | [Approved](#)

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- ▶ ANSI/AHRI Standard 901 (SI)-2015 (R2020), Performance Rating of Thermal Storage Equipment Used for Cooling (reaffirmation of ANSI/AHRI Standard 901 (SI)-2015)

Public Review Date: Jul 10, 2020 | Final Action Date: Sep 24, 2020 | [Approved](#)

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**AHRI (Air-Conditioning, Heating, and Refrigeration Institute)**

- ▶ ANSI/AHRI Standard 910 (I-P)-2014, Performance Rating of Indoor Pool Dehumidifiers (new standard)  
PINS Date: May 20, 2016 | Public Review Date: Jul 22, 2016 | Final Action Date: Sep 27, 2016 | [Approved](#)
- ▶ ANSI/AHRI Standard 911 (SI)-2014, Performance Rating of Indoor Pool Dehumidifiers (new standard)  
PINS Date: Feb 19, 2016 | Public Review Date: May 20, 2016 | Final Action Date: Jul 8, 2016 | [Approved](#)
- ▶ ANSI/AHRI Standard 920 (I-P)-2015, Performance Rating of DX-Dedicated Outdoor Air System Units (revision of ANSI/AHRI Standard 920-2013)  
PINS Date: Jun 26, 2015 | Public Review Date: Aug 7, 2015 | Final Action Date: Nov 6, 2015 | [Approved](#)
- ▶ ANSI/AHRI Standard 921 (SI)-2015, Performance Rating of DX-Dedicated Outdoor Air System Units (new standard)  
PINS Date: Jun 26, 2015 | Public Review Date: Aug 7, 2015 | Final Action Date: Nov 6, 2015 | [Approved](#)
- ▶ ANSI/AHRI/ASHRAE ISO Standard 13256-1-2011, Water-source heat pumps - testing and rating for performance - Part 1: Water-to-air and brine-to-air heat pumps (revision of ANSI/AHRI Standard/ASHRAE/ISO 13256-1-1998)  
Public Review Date: Aug 5, 2011 | Final Action Date: Nov 3, 2011 | [Approved](#)
- ▶ ANSI/AHRI/ASHRAE ISO Standard 13256-2-2011, Water-source heat pumps - testing and rating for performance - Part 2: Water-to-water and brine-to-water heat pumps (revision of ANSI/AHRI Standard/ASHRAE/ISO 13256-2-1998)  
Public Review Date: Aug 5, 2011 | Final Action Date: Nov 3, 2011 | [Approved](#)

**AIAA (American Institute of Aeronautics and Astronautics)**

12700 Sunrise Valley Drive, Suite 200, Reston, VA 20191-5807 | w: [www.aiaa.org](http://www.aiaa.org)

- ▶ ANSI/AIAA G-034A-2014 (R2019), Guide to Reference and Standard Ionosphere Models (reaffirmation of ANSI/AIAA G-034A-2014)  
Public Review Date: Jun 21, 2019 | Final Action Date: Aug 9, 2019 | [Approved](#)
- ▶ ANSI/AIAA G-043B-2018, Guide for the Preparation of Operational Concept Documents (revision of ANSI/AIAA G-043A-2012)  
PINS Date: Jun 2, 2017 | Public Review Date: Jul 7, 2017 | Final Action Date: May 3, 2018 | [Approved](#)
- ▶ ANSI/AIAA G-095A-2017, Guide to Safety of Hydrogen and Hydrogen Systems (new standard)  
PINS Date: Mar 6, 2009 | Public Review Date: May 27, 2016 | Final Action Date: Dec 11, 2017 | [Approved](#)
- ▶ ANSI/AIAA S-017B-2015 (R2019), Aerodynamic Decelerator and Parachute Drawings (reaffirmation of ANSI/AIAA S-017B-2015)  
Public Review Date: Jun 21, 2019 | Final Action Date: Aug 9, 2019 | [Approved](#)
- ▶ ANSI/AIAA S-080A-2018, Space Systems - Metallic Pressure Vessels, Pressurized Structures, and Pressure Components (new standard)  
PINS Date: Jun 3, 2005 | Public Review Date: Nov 18, 2016 | Final Action Date: Mar 20, 2018 | [Approved](#)
- ▶ ANSI/AIAA S-081B-2018, Space Systems - Composite Overwrapped Pressure Vessels (new standard)  
PINS Date: Mar 15, 2013 | Public Review Date: Nov 18, 2016 | Final Action Date: Mar 20, 2018 | [Approved](#)
- ▶ ANSI/AIAA S-102-1-4-2019, Performance-Based Failure Reporting, Analysis & Corrective Action System (FRACAS) Requirements (new standard)  
PINS Date: Jun 2, 2017 | Public Review Date: Jul 7, 2017 | Final Action Date: Mar 14, 2019 | [Approved](#)
- ▶ ANSI/AIAA S-102-1-5-2019, Performance-Based Failure Review Board (FRB) Requirements (new standard)  
PINS Date: Jun 2, 2017 | Public Review Date: Jul 7, 2017 | Final Action Date: Mar 14, 2019 | [Approved](#)
- ▶ ANSI/AIAA S-102-2-11-2019, Performance-Based Anomaly Detection and Response Analysis (new standard)  
PINS Date: Jun 2, 2017 | Public Review Date: Jul 7, 2017 | Final Action Date: Mar 14, 2019 | [Approved](#)

**AIAA (American Institute of Aeronautics and Astronautics)**

- ▶ ANSI/AIAA S-102-2-18-2019, Performance-Based Fault Tree Analysis Requirements (new standard)  
PINS Date: Jun 2, 2017 | Public Review Date: Jul 7, 2017 | Final Action Date: Mar 14, 2019 | [Approved](#)
- ▶ ANSI/AIAA S-102-2-2-2019, Performance-Based System Reliability Modeling Requirements (new standard)  
PINS Date: Jun 2, 2017 | Public Review Date: Jul 7, 2017 | Final Action Date: Mar 14, 2019 | [Approved](#)
- ▶ ANSI/AIAA S-102.0.1-2019, Capability-based mission assurance program – General requirements (new standard)  
PINS Date: Apr 26, 2019 | Public Review Date: Oct 19, 2018 | Final Action Date: Sep 16, 2019 | [Approved](#)
- ▶ ANSI/AIAA S-102.2.4-2015, Capability-Based Product Failure Mode, Effects and Criticality Analysis (FMECA) Requirements (revision of ANSI/AIAA S-102.2.4-2008)  
PINS Date: Nov 28, 2014 | Public Review Date: Feb 27, 2015 | Final Action Date: Aug 14, 2015 | [Approved](#)
- ▶ ANSI/AIAA S-115-2013 (R2017), LEO Spacecraft Charging Design Standard and Handbook (reaffirmation of ANSI/AIAA S-115-2013)  
Public Review Date: Jun 2, 2017 | Final Action Date: Sep 20, 2017 | [Approved](#)
- ▶ ANSI/AIAA S-119-2011 (R2016), Flight Dynamics Model Exchange Standard (reaffirmation of ANSI/AIAA S-119-2011)  
Public Review Date: Apr 29, 2016 | Final Action Date: Sep 1, 2016 | [Approved](#)
- ▶ ANSI/AIAA S-123-2007 (R2017), Adoptions and Conversions of CCSDS Space Link Extension Forward Communications Link Transmission Unit Transfer Service (reaffirmation of ANSI/AIAA S-123-2007)  
Public Review Date: Jun 2, 2017 | Final Action Date: Sep 20, 2017 | [Approved](#)
- ▶ ANSI/AIAA S-124-2007 (R2017), Adoptions and Conversions of CCSDS Space Link Extension Return All Frames Transfer Service (reaffirmation of ANSI/AIAA S-124-2007)  
Public Review Date: Jun 2, 2017 | Final Action Date: Sep 20, 2017 | [Approved](#)
- ▶ ANSI/AIAA S-131-2011 (R2016), Astrodynamics - Propagation Specifications, Technical Definitions, and Recommended Practices (reaffirmation of ANSI/AIAA S-131-2011)  
Public Review Date: Apr 29, 2016 | Final Action Date: Sep 1, 2016 | [Approved](#)
- ▶ ANSI/AIAA S-142-2016, Standard/Handbook for Multipactor Breakdown Prevention in Spacecraft Components (new standard)  
PINS Date: May 22, 2015 | Public Review Date: Oct 23, 2015 | Final Action Date: Oct 21, 2016 | [Approved](#)
- ▶ ANSI/AIAA S-153-2021, Human Spaceflight: Spacecraft Architecture and Systems Engineering Ontology (new standard)  
PINS Date: Feb 14, 2020 | Public Review Date: Apr 3, 2020 | Final Action Date: Apr 29, 2021 | [Approved](#)
- ▶ ANSI/AIAA-S-120A-2015 (R2019), Mass Properties Control for Space Systems (reaffirmation of ANSI/AIAA-S-120A-2015)  
Public Review Date: Jun 14, 2019 | Final Action Date: Jul 31, 2019 | [Approved](#)

**AISC (American Institute of Steel Construction)**

130 E. Randolph Street, Suite 2000, Chicago, IL 60601-6204 | w: [www.aisc.org](http://www.aisc.org)

- ▶ ANSI/AISC 303-2022, Code of Standard Practice for Steel Buildings and Bridges (revision of ANSI/AISC 303-2016)  
PINS Date: May 3, 2019 | Public Review Date: Sep 17, 2021 | Final Action Date: May 9, 2022 | [Approved](#)
- ▶ ANSI/AISC 341-2022, Seismic Provisions for Structural Steel Buildings (revision of ANSI/AISC 341-2016)  
PINS Date: May 3, 2019 | Public Review Date: May 13, 2022 | Final Action Date: Sep 26, 2022 | [Approved](#)
- ▶ ANSI/AISC 342-2022, Seismic Provisions for the Evaluation and Retrofit of Existing Structural Steel Buildings (new standard)  
PINS Date: May 18, 2018 | Public Review Date: Apr 1, 2022 | Final Action Date: Aug 1, 2022 | [Approved](#)

**AISC (American Institute of Steel Construction)**

- ▶ ANSI/AISC 358-2022, Prequalified Connections for Special and Intermediate Steel Moment Frames for Seismic Applications (revision, redesignation and consolidation of ANSI/AISC 358-2016, ANSI/AISC 358-S1-2018, ANSI/AISC 358-S2-2020)  
PINS Date: May 7, 2021 | Public Review Date: Sep 24, 2021 | Final Action Date: Aug 18, 2022 | [Approved](#)
- ▶ ANSI/AISC 360-2022, Specification for Structural Steel Buildings (revision of ANSI/AISC 360-2016)  
PINS Date: May 3, 2019 | Public Review Date: Jan 7, 2022 | Final Action Date: Aug 1, 2022 | [Approved](#)
- ▶ ANSI/AISC 370-2021, Specification for Structural Stainless Steel Buildings (new standard)  
PINS Date: Aug 30, 2019 | Public Review Date: Feb 26, 2021 | Final Action Date: Jun 11, 2021 | [Approved](#)
- ▶ ANSI/AISC N690-2018, Specification for Safety-Related Steel Structures for Nuclear Facilities (revision, redesignation and consolidation of )  
PINS Date: Dec 22, 2017 | Public Review Date: Jan 26, 2018 | Final Action Date: Jun 28, 2018 | [Approved](#)
- ▶ ANSI/AISC N690, Supplement 1-2015, Specification for Safety-Related Steel Structures for Nuclear Facilities (supplement to ANSI/AISC N690-2012)  
PINS Date: Dec 20, 2013 | Public Review Date: Dec 5, 2014 | Final Action Date: Aug 11, 2015 | [Approved](#)

**AISI (American Iron and Steel Institute)**

25 Massachusetts Avenue, NW, Suite 800, Washington, DC 20001 | w: [www.steel.org](http://www.steel.org)

- ▶ ANSI/AISI S100-16/S2-2020, Supplement 2 to North American Specification for the Design of Cold-Formed Steel Structural Members (supplement to ANSI/AISI S100-2016)  
PINS Date: Jul 5, 2019 | Public Review Date: Aug 28, 2020 | Final Action Date: Oct 19, 2020 | [Approved](#)
- ▶ ANSI/AISI S100-2016 (R2020), North American Specification for the Design of Cold-Formed Steel Structural Members (reaffirmation of ANSI/AISI S100-2016)  
Public Review Date: Aug 28, 2020 | Final Action Date: Oct 19, 2020 | [Approved](#)
- ▶ ANSI/AISI S100-2016 (R2020)/S3-2022, Supplement 3 to the 2016 Edition of the North American Specification for the Design of Cold-Formed Steel Structural Members (supplement to ANSI/AISI S100-2016 (R2020))  
ANSI/AISI S100-16/S2-2020  
PINS Date: Feb 19, 2021 | Public Review Date: Jun 10, 2022 | Final Action Date: Aug 10, 2022 | [Approved](#)
- ▶ ANSI/AISI S201-2017, North American Standard for Cold-Formed Steel Framing - Product Data (revision of ANSI/AISI S201-2012)  
PINS Date: Aug 15, 2014 | Public Review Date: Nov 17, 2017 | Final Action Date: Mar 29, 2018 | [Approved](#)
- ▶ ANSI/AISI S202-2020, Code of Standard Practice for Cold-Formed Steel Structural Framing (revision of ANSI/AISI S202-2015)  
PINS Date: Apr 8, 2016 | Public Review Date: Aug 28, 2020 | Final Action Date: Oct 19, 2020 | [Approved](#)
- ▶ ANSI/AISI S220-2020, North American Standard for Cold-Formed Steel Nonstructural Framing (revision of ANSI/AISI S220-2015)  
PINS Date: Apr 8, 2016 | Public Review Date: Aug 28, 2020 | Final Action Date: Oct 19, 2020 | [Approved](#)
- ▶ ANSI/AISI S230-2019, North American Standard for Cold-Formed Steel Framing - Prescriptive Method for One- and Two-Family Dwellings (revision of ANSI/AISI S230-2015)  
PINS Date: Apr 8, 2016 | Public Review Date: Nov 2, 2018 | Final Action Date: Apr 30, 2019 | [Approved](#)
- ▶ ANSI/AISI S240-2020, North American Standard for Cold-Formed Steel Structural Framing (revision of ANSI/AISI S240-2015)  
PINS Date: Apr 8, 2016 | Public Review Date: Aug 28, 2020 | Final Action Date: Oct 19, 2020 | [Approved](#)

**AISI (American Iron and Steel Institute)**

- ▶ ANSI/AISI S250-2021, North American Standard for Thermal Transmittance of Building Envelopes with Cold-Formed Steel Framing (new standard)  
PINS Date: Mar 28, 2014 | Public Review Date: Jun 4, 2021 | Final Action Date: Aug 12, 2021 | [Approved](#)

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- ▶ ANSI/AISI S250-21/S1-2022, Supplement 1 to the 2021 Edition of the North American Standard for Thermal Transmittance of Building Envelopes with Cold-Formed Steel Framing (supplement to ANSI/AISI S250-2021)  
PINS Date: Dec 17, 2021 | Public Review Date: Apr 1, 2022 | Final Action Date: May 9, 2022 | [Approved](#)

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- ▶ ANSI/AISI S310-20/S1-2022, Supplement 1 to the 2020 Edition of the North American Standard for the Design of Profiled Steel Diaphragm Panels, 2022 (supplement to ANSI/AISI S310-2020)  
PINS Date: Aug 27, 2021 | Public Review Date: Dec 17, 2021 | Final Action Date: Feb 28, 2022 | [Approved](#)

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- ▶ ANSI/AISI S310-2020, North American Standard for the Design of Profiled Steel Diaphragm Panels (revision of ANSI/AISI S310-2016)  
PINS Date: Apr 21, 2017 | Public Review Date: Aug 28, 2020 | Final Action Date: Oct 19, 2020 | [Approved](#)

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- ▶ ANSI/AISI S400-2020, North American Standard for Seismic Design of Cold-Formed Steel Structural Systems (revision of ANSI/AISI S400-15/S1-2016, ANSI/AISI S400-2015)  
PINS Date: Aug 26, 2016 | Public Review Date: Aug 28, 2020 | Final Action Date: Oct 19, 2020 | [Approved](#)

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- ▶ ANSI/AISI S901-2017, Test Standard for Determining the Rotational-Lateral Stiffness of Beam-to-Panel Assemblies (revision of ANSI/AISI S901-2013)  
PINS Date: Jul 18, 2014 | Public Review Date: Nov 17, 2017 | Final Action Date: Mar 29, 2018 | [Approved](#)

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- ▶ ANSI/AISI S902-2017, Test Standard for Determining the Effective Area of Cold-Formed Steel Compression Members (revision of ANSI/AISI S902-2013)  
PINS Date: Jul 18, 2014 | Public Review Date: Nov 17, 2017 | Final Action Date: Mar 29, 2018 | [Approved](#)

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- ▶ ANSI/AISI S903-2020, Test Standard for Determining the Uniform and Local Ductility of Carbon and Low-Alloy Steels (revision of ANSI/AISI S903-2017)  
PINS Date: Dec 21, 2018 | Public Review Date: Aug 28, 2020 | Final Action Date: Oct 19, 2020 | [Approved](#)

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- ▶ ANSI/AISI S904-2017, Test Standard for Determining the Tensile and Shear Strengths of Steel Screws (revision of ANSI/AISI S904-2013)  
PINS Date: Jul 18, 2014 | Public Review Date: Nov 17, 2017 | Final Action Date: Mar 29, 2018 | [Approved](#)

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- ▶ ANSI/AISI S905-2017, Test Standard for Determining the Strength and Deformation Characteristics of Cold-Formed Steel Connections (revision of ANSI/AISI S905-2013)  
PINS Date: Jul 18, 2014 | Public Review Date: Nov 17, 2017 | Final Action Date: Mar 29, 2018 | [Approved](#)

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- ▶ ANSI/AISI S906-2017, Test Standard for Determining the Load-Carrying Strength of Panels and Anchor-to-Panel Attachments for Roof or Siding Systems Tested in Accordance With ASTM E1592 (revision of ANSI/AISI S906-2013)  
PINS Date: Jul 18, 2014 | Public Review Date: Nov 17, 2017 | Final Action Date: Mar 29, 2018 | [Approved](#)

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- ▶ ANSI/AISI S907-2017, Test Standard for Determining the Strength and Stiffness of Cold-Formed Steel Diaphragms by the Cantilever Test Method (revision of ANSI/AISI S907-2013)  
PINS Date: Jul 18, 2014 | Public Review Date: Nov 17, 2017 | Final Action Date: Mar 29, 2018 | [Approved](#)

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- ▶ ANSI/AISI S908-2017, Test Standard for Determining the Flexural Strength Reduction Factor of Purlins Supporting a Standing Seam Roof System (revision of ANSI/AISI S908-2013)  
PINS Date: Jul 18, 2014 | Public Review Date: Jan 26, 2018 | Final Action Date: Mar 29, 2018 | [Approved](#)

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- ▶ ANSI/AISI S909-2017, Test Standard for Determining the Web Crippling Strength of Cold-Formed Steel Flexural Members (revision of ANSI/AISI S909-2013)  
PINS Date: Jul 18, 2014 | Public Review Date: Nov 17, 2017 | Final Action Date: Mar 29, 2018 | [Approved](#)

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**AISI (American Iron and Steel Institute)**

- ▶ ANSI/AISI S910-2017, Test Standard for Determining the Distortional Buckling Strength of Cold-Formed Steel Hat-Shaped Compression Members (revision of ANSI/AISI S910-2013)  
PINS Date: Jul 18, 2014 | Public Review Date: Nov 17, 2017 | Final Action Date: Mar 29, 2018 | [Approved](#)

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- ▶ ANSI/AISI S911-2017, Test Standard for Determining the Flexural Strength of Cold-Formed Steel Hat-Shaped Members (revision of ANSI/AISI S911-2014)  
PINS Date: Jul 18, 2014 | Public Review Date: Nov 17, 2017 | Final Action Date: Mar 29, 2018 | [Approved](#)

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- ▶ ANSI/AISI S912-2017, Test Standard for Determining the Strength of a Roof Panel-to-Purlin-to-Anchorage Device Connection (revision of ANSI/AISI S912-2013)  
PINS Date: Jul 18, 2014 | Public Review Date: Nov 17, 2017 | Final Action Date: Mar 29, 2018 | [Approved](#)

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- ▶ ANSI/AISI S913-2017, Test Standard for Determining the Strength and Deformation Behavior of Hold-Downs Attached to Cold-Formed Steel Structural Framing (revision of ANSI/AISI S913-2013)  
PINS Date: Jul 18, 2014 | Public Review Date: Nov 17, 2017 | Final Action Date: Mar 29, 2018 | [Approved](#)

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- ▶ ANSI/AISI S914-2017, Test Standard for Determining the Strength and Deformation Behavior of Joist Connectors Attached to Cold-Formed Steel Structural Framing (revision of ANSI/AISI S914-2015)  
PINS Date: Nov 17, 2017 | Public Review Date: Jan 5, 2018 | Final Action Date: Mar 29, 2018 | [Approved](#)

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- ▶ ANSI/AISI S915-2020, Test Standard for Determining the Strength and Deformation Behavior of Through-the-Web Punchout Cold-Formed Steel Wall Stud Bridging Connectors (revision of ANSI/AISI S915-2015)  
PINS Date: Dec 21, 2018 | Public Review Date: Oct 23, 2020 | Final Action Date: Dec 17, 2020 | [Approved](#)

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- ▶ ANSI/AISI S916-2020, Test Standard For Determining the Strength and Stiffness of Cold-Formed Steel-Framed Nonstructural Interior Partition Walls Sheathed With Gypsum Board (revision of ANSI/AISI S916-2015)  
PINS Date: Dec 21, 2018 | Public Review Date: Oct 23, 2020 | Final Action Date: Dec 17, 2020 | [Approved](#)

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- ▶ ANSI/AISI S917-2017, Test Standard for Determination of Fastener-Sheathing Local Translational Stiffness (new standard)  
PINS Date: Jun 26, 2015 | Public Review Date: Aug 12, 2016 | Final Action Date: Oct 11, 2016 | [Approved](#)

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- ▶ ANSI/AISI S918-2017, Test Standard for Determination of Fastener-Sheathing Rotational Stiffness (new standard)  
PINS Date: Jun 26, 2015 | Public Review Date: Aug 12, 2016 | Final Action Date: Oct 11, 2016 | [Approved](#)

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- ▶ ANSI/AISI S919-2017, Test Standard for Determining the Flexural Strength and Stiffness of Cold-Formed Steel Nonstructural Members (new standard)  
PINS Date: Apr 8, 2016 | Public Review Date: Nov 17, 2017 | Final Action Date: Mar 29, 2018 | [Approved](#)

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- ▶ ANSI/AISI S921-2019, Test Standard for Determining the Strength and Serviceability of Cold-Formed Steel Truss Assemblies and Components (new standard)  
PINS Date: Apr 8, 2016 | Public Review Date: Sep 27, 2019 | Final Action Date: Dec 3, 2019 | [Approved](#)

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- ▶ ANSI/AISI S922-2019, Test Standard for Determining the Strength and Stiffness of Bearing-Friction Interference Connector Assemblies in Profiled Steel Panels (new standard)  
PINS Date: Apr 21, 2017 | Public Review Date: Sep 27, 2019 | Final Action Date: Dec 3, 2019 | [Approved](#)

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- ▶ ANSI/AISI S923-2020, Test Standard for Determining the Strength and Stiffness of Shear Connections in Composite Members (new standard)  
PINS Date: May 17, 2019 | Public Review Date: Jun 26, 2020 | Final Action Date: Oct 19, 2020 | [Approved](#)

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- ▶ ANSI/AISI S924-2020, Test Standard for Determining the Effective Flexural Stiffness of Composite Members (new standard)  
PINS Date: Jun 19, 2020 | Public Review Date: Aug 28, 2020 | Final Action Date: Oct 19, 2020 | [Approved](#)

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**ALI (Automotive Lift Institute)**

PO Box 85, 3699 Luker Road□, Cortland, NY 13045 | w: [www.autolift.org](http://www.autolift.org)

- ▶ ANSI/ALI ALCTV-2017, Standard for Automotive Lifts - Safety Requirements for Construction, Testing and Validation (revision of ANSI/ALI ALCTV-2011)

PINS Date: Jun 19, 2015 | Public Review Date: Oct 7, 2016 | Final Action Date: Jan 24, 2017 | [Approved](#)

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- ▶ ANSI/ALI ALIS-2022, Standard for Automotive Lifts - Safety Requirements for Installation and Service (revision of ANSI/ALI ALIS:2009 (R2015))

PINS Date: Jan 4, 2019 | Public Review Date: Sep 24, 2021 | Final Action Date: Feb 4, 2022 | [Approved](#)

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- ▶ ANSI/ALI ALOIM-2020, Standard for Automotive Lifts - Safety Requirements for Operation, Inspection and Maintenance (revision of ANSI/ALI ALOIM-2008 (R2013))

PINS Date: Jul 18, 2014 | Public Review Date: Sep 27, 2019 | Final Action Date: Mar 13, 2020 | [Approved](#)

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**ALI (ASC A14) (American Ladder Institute)**

1300 Sumner Avenue, Cleveland, OH 4115-2851 | w: [www.americanladderinstitute.org](http://www.americanladderinstitute.org)

- ▶ ANSI A14.1-2018, Portable Wood Ladders (new standard)

PINS Date: May 12, 2017 | Public Review Date: Nov 3, 2017 | Final Action Date: Aug 23, 2018 | [Approved](#)

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- ▶ ANSI A14.11-2018, Stepstools (new standard)

PINS Date: May 7, 1999 | Public Review Date: Mar 30, 2018 | Final Action Date: Jun 15, 2018 | [Approved](#)

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- ▶ ANSI A14.2-2017, Standard For Ladders - Portable Metal - Safety Requirements (new standard)

PINS Date: Jan 28, 2011 | Public Review Date: Sep 1, 2017 | Final Action Date: Dec 12, 2017 | [Approved](#)

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- ▶ ANSI A14.3-2008 (R2018), Standard for Ladders - Fixed - Safety Requirements (reaffirmation of ANSI A14.3-2008)

PINS Date: Aug 9, 2013 | Public Review Date: Aug 17, 2018 | Final Action Date: Oct 5, 2018 | [Approved](#)

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- ▶ ANSI A14.4-2018, Job Made Ladders (revision of ANSI A14.4-2009)

PINS Date: Dec 15, 2017 | Public Review Date: Jan 12, 2018 | Final Action Date: Oct 18, 2018 | [Approved](#)

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- ▶ ANSI A14.5-2017, Reinforced Plastic Ladders (new standard)

PINS Date: Dec 3, 2010 | Public Review Date: Sep 1, 2017 | Final Action Date: Dec 12, 2017 | [Approved](#)

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- ▶ ANSI A14.8-2020, Safety Requirements for Ladder Accessories (revision of ANSI A14.8-2013)

PINS Date: Dec 15, 2017 | Public Review Date: Apr 17, 2020 | Final Action Date: Jul 6, 2020 | [Approved](#)

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- ▶ ANSI A14.9-2019, Requirements for Disappearing Attic Stairs (revision of ANSI A14.9-2010)

PINS Date: May 12, 2017 | Public Review Date: Dec 21, 2018 | Final Action Date: Feb 15, 2019 | [Approved](#)

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**AMCA (Air Movement and Control Association)**

30 West University Drive, Arlington Heights, IL 60004-1893 | w: [www.amca.org](http://www.amca.org)

- ▶ ANSI/AMCA 207-2017, Fan System Efficiency and Fan System Input Power Calculation (new standard)

PINS Date: Jan 31, 2014 | Public Review Date: Jan 20, 2017 | Final Action Date: Apr 17, 2017 | [Approved](#)

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- ▶ ANSI/AMCA 208-2018, Calculation of Fan Energy Index (new standard)

PINS Date: Feb 20, 2015 | Public Review Date: Sep 22, 2017 | Final Action Date: Jan 24, 2018 | [Approved](#)

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- ▶ ANSI/AMCA 210-2016, ANSI/ASHRAE 51-2016, Laboratory Methods of Testing Fans for Aerodynamic Performance Rating (revision of ANSI/AMCA 210/ASHRAE Standard 51-2007)

Public Review Date: Oct 30, 2015 | Final Action Date: Aug 26, 2016 | [Approved](#)

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**AMCA (Air Movement and Control Association)**

- ▶ ANSI/AMCA 214-2021, Test Procedure for Calculating Fan Energy Index for Commercial and Industrial Fans and Blowers (new standard)  
PINS Date: Nov 9, 2018 | Public Review Date: Nov 27, 2020 | Final Action Date: Mar 1, 2021 | [Approved](#)
- ▶ ANSI/AMCA 230-2015, Laboratory Methods of Testing Air Circulating Fans for Rating and Certification (revision of ANSI/AMCA 230-2012)  
PINS Date: Dec 20, 2013 | Public Review Date: Aug 14, 2015 | Final Action Date: Oct 16, 2015 | [Approved](#)
- ▶ ANSI/AMCA 240-2022, Laboratory Methods of Testing Positive Pressure Ventilators for Aerodynamic Performance Rating (revision of ANSI/AMCA 240-2015)  
PINS Date: Jun 19, 2020 | Public Review Date: Oct 15, 2021 | Final Action Date: May 10, 2022 | [Approved](#)
- ▶ ANSI/AMCA 250-2021, Laboratory Methods of Testing Jet Fans for Performance (revision of ANSI/AMCA 250-2012)  
Public Review Date: Oct 22, 2021 | Final Action Date: Jan 6, 2022 | [Approved](#)
- ▶ ANSI/AMCA 320-2013, Laboratory Method of Sound Testing of Fans Using Sound Intensity (reaffirmation of ANSI/AMCA 320-2008)  
PINS Date: Feb 10, 2012 | Public Review Date: Mar 22, 2013 | Final Action Date: Sep 17, 2013 | [Approved](#)
- ▶ ANSI/AMCA 500-D-2018, BSR/AMCA 500-D XX Laboratory Methods of Testing Dampers for Rating (revision of ANSI/AMCA 500-D-2012)  
PINS Date: Nov 11, 2016 | Public Review Date: Apr 6, 2018 | Final Action Date: Dec 6, 2018 | [Approved](#)
- ▶ ANSI/AMCA 540-2013, Test Method for Louvers Impacted by Wind Borne Debris (revision of ANSI/AMCA 540-2008)  
PINS Date: Feb 10, 2012 | Public Review Date: Feb 1, 2013 | Final Action Date: Jun 14, 2013 | [Approved](#)
- ▶ ANSI/AMCA 99-2016, Standards Handbook (revision of ANSI/AMCA 99-2010)  
PINS Date: Jan 24, 2014 | Public Review Date: Aug 26, 2016 | Final Action Date: Nov 10, 2016 | [Approved](#)
- ▶ ANSI/AMCA Standard 204-2020, Balance Quality and Vibration Level for Fans (revision and redesignation of ANSI/AMCA 204-2005 (R2012))  
PINS Date: Dec 29, 2017 | Public Review Date: Jul 5, 2019 | Final Action Date: Mar 19, 2020 | [Approved](#)
- ▶ ANSI/AMCA Standard 205-2019, Energy Efficiency Classification for Fans (revision and redesignation of ANSI/AMCA 205-2012)  
PINS Date: Jan 5, 2018 | Public Review Date: Feb 15, 2019 | Final Action Date: May 3, 2019 | [Approved](#)
- ▶ ANSI/AMCA Standard 220-2021, Laboratory Methods of Testing Air Curtain Units for Aerodynamic Performance Rating (revision and redesignation of ANSI/AMCA 220-2005 (R2012))  
PINS Date: Apr 22, 2016 | Public Review Date: Oct 2, 2020 | Final Action Date: May 4, 2021 | [Approved](#)
- ▶ ANSI/AMCA Standard 260-2020, Laboratory Methods of Testing Induced Flow Fans for Rating (revision of ANSI/AMCA 260-2013)  
PINS Date: Sep 14, 2018 | Public Review Date: Aug 23, 2019 | Final Action Date: Jan 14, 2020 | [Approved](#)
- ▶ ANSI/AMCA Standard 300-2014, Reverberant Room Methods for Sound Testing of Fans (revision of ANSI/AMCA 300-2008)  
PINS Date: Feb 10, 2012 | Public Review Date: Jun 13, 2014 | Final Action Date: Aug 14, 2014 | [Approved](#)
- ▶ ANSI/AMCA Standard 301-2022, Methods for Calculating Fan Sound Ratings from Laboratory Test Data (revision of ANSI/AMCA Standard 301-2014)  
PINS Date: Jan 29, 2021 | Public Review Date: Nov 19, 2021 | Final Action Date: Oct 28, 2022 | [Approved](#)
- ▶ ANSI/AMCA Standard 500-L-2015, Laboratory Methods of Testing Louvers for Rating (revision and redesignation of ANSI/AMCA 500-L-2012)  
Public Review Date: Oct 9, 2015 | Final Action Date: Dec 3, 2015 | [Approved](#)

**AMCA (Air Movement and Control Association)**

- ▶ ANSI/AMCA Standard 550-2022, Test Method for High Velocity Wind Driven Rain Resistant Louvers (revision of ANSI/AMCA 550-2018)  
PINS Date: Oct 19, 2018 | Public Review Date: Oct 22, 2021 | Final Action Date: Apr 13, 2022 | [Approved](#)
- ▶ ANSI/AMCA Standard 610-2019, Laboratory Methods of Testing Airflow Measurement Stations for Performance Rating (revision and redesignation of ANSI/AMCA 610-2006 (R2012))  
PINS Date: Jun 9, 2017 | Public Review Date: Oct 19, 2018 | Final Action Date: Apr 9, 2019 | [Approved](#)

**AMCi (AMC Institute)**

107 South West Street, Suite 481, Alexandria, VA 22314 | w: [www.amcinstiute.org](http://www.amcinstiute.org)

- ▶ ANSI/AMCi A100.1-2018, The Standard of Good Practices for Association Management Companies (new standard)  
PINS Date: Dec 22, 2017 | Public Review Date: May 25, 2018 | Final Action Date: Dec 19, 2018 | [Approved](#)

**AmericanHort (AmericanHort)**

525 9th Street NW, Suite 800, Washington, DC 21087 | w: <http://www.americanhort.org>

- ▶ ANSI Z60.1-2014, Standard for Nursery Stock (revision of ANSI Z60.1-2004)  
PINS Date: Oct 9, 2009 | Public Review Date: Mar 14, 2014 | Final Action Date: Apr 14, 2014 | [Approved](#)

**AMPP (Association for Materials Protection and Performance)**

15835 Park Ten Place, Houston, TX 77084 | w: [www.ampp.org](http://www.ampp.org)

- ▶ ANSI/NACE MR0103/ISO 17945-2016, Petroleum, petrochemical and natural gas industries - Metallic materials resistant to sulfide stress cracking in corrosive petroleum refining environments (identical national adoption of ISO 17945:2015 and revision of ANSI/NACE Standard MR0103-2012)  
PINS Date: Jun 26, 2015 | Public Review Date: Jul 10, 2015 | Final Action Date: Jan 20, 2016 | [Approved](#)
- ▶ ANSI/NACE MR0175-2021/ISO 15156-2020, Petroleum and natural gas industries-Materials for use in H2S-containing environments in oil and gas production (identical national adoption of ISO 15156:2020 and revision of ANSI/NACE MR0175/ISO 15156-2015)  
PINS Date: Apr 23, 2021 | Public Review Date: Sep 24, 2021 | Final Action Date: Sep 21, 2022 | [Approved](#)
- ▶ ANSI/NACE No. 13/SSPC-ACS-1-2016, Industrial Coating and Lining Application Specialist - Qualification and Certification (revision of ANSI/NACE No.13-SSPC-ACS-1-2008)  
PINS Date: May 9, 2014 | Public Review Date: Jul 10, 2015 | Final Action Date: May 3, 2016 | [Approved](#)
- ▶ ANSI/NACE SP0115/ISO 15589-2-2015, Petroleum, petrochemical and natural gas industries - Cathodic protection of pipeline transportation - Part 2: Offshore pipelines (national adoption with modifications of ISO 15589-2:2012)  
PINS Date: Jun 20, 2014 | Public Review Date: Sep 26, 2014 | Final Action Date: Mar 12, 2015 | [Approved](#)
- ▶ ANSI/NACE SP0300-2016/ISO 16784-1-2006, Corrosion of metals and alloys - Corrosion and fouling in industrial cooling water systems - Part 1: Guidelines for conducting pilot scale evaluation of corrosion and fouling control additives for open recirculating cooling water systems (identical national adoption of ISO 16784-1:2006 and revision of ANSI/NACE RP0300-2003)  
PINS Date: Mar 7, 2014 | Public Review Date: Jun 5, 2015 | Final Action Date: Mar 4, 2016 | [Approved](#)
- ▶ ANSI/NACE SP0508-2017, Methods of Validating Equivalence to ISO 8502-9 on Measurement of the Levels of Soluble Salts (revision of ANSI/NACE SP0508-2010)  
PINS Date: Sep 11, 2015 | Public Review Date: Aug 5, 2016 | Final Action Date: Jan 10, 2018 | [Approved](#)
- ▶ ANSI/NACE Standard TM0177-2016, Laboratory Testing of Metals for Resistance to Sulfide Stress Cracking and Stress Corrosion Cracking in H2S Environments (revision of ANSI/NACE TM0177-2005)  
Public Review Date: Nov 20, 2015 | Final Action Date: Apr 18, 2016 | [Approved](#)

**AMPP (Association for Materials Protection and Performance)**

- ▶ ANSI/NACE TM0284-2016, Evaluation of Pipeline and Pressure Vessel Steels for Resistance to Hydrogen-Induced Cracking (revision of ANSI/NACE TM0284-2011)  
PINS Date: Jul 3, 2015 | Public Review Date: Dec 25, 2015 | Final Action Date: Mar 22, 2016 | [Approved](#)

- ▶ ANSI/NACE TM0416-2016, Test Method for Monitoring Atmospheric Corrosion Rate by Electrochemical Measurements (new standard)  
PINS Date: Nov 27, 2015 | Public Review Date: Apr 29, 2016 | Final Action Date: Jun 29, 2016 | [Approved](#)

**ANS (American Nuclear Society)**

555 North Kensington Avenue, La Grange Park, IL 60526-5592 | w: [www.ans.org](http://www.ans.org)

- ▶ ANSI/ANS 1-2000 (R2019), Conduct of Critical Experiments (reaffirmation of ANSI/ANS 1-2000 (R2012))  
Public Review Date: Jun 7, 2019 | Final Action Date: Aug 12, 2019 | [Approved](#)
- ▶ ANSI/ANS 10.4-2008 (R2021), Verification and Validation of Non-Safety-Related Scientific and Engineering Computer Programs for the Nuclear Industry (reaffirmation of ANSI/ANS 10.4-2008 (R2016))  
Public Review Date: Apr 16, 2021 | Final Action Date: Jun 15, 2021 | [Approved](#)
- ▶ ANSI/ANS 10.5-2006 (R2021), Accommodating User Needs in Scientific and Engineering Computer Software Development (reaffirmation of ANSI/ANS 10.5-2006 (R2016))  
Public Review Date: Jun 18, 2021 | Final Action Date: Aug 23, 2021 | [Approved](#)
- ▶ ANSI/ANS 10.7-2013 (R2018), Non-Real-Time, High-Integrity Software for the Nuclear Industry - Developer Requirements (reaffirmation of ANSI/ANS 10.7-2013)  
Public Review Date: Jun 8, 2018 | Final Action Date: Aug 13, 2018 | [Approved](#)
- ▶ ANSI/ANS 10.8-2015 (R2020), Non-Real-Time, High-Integrity Software for the Nuclear Industry--User Requirements (reaffirmation of ANSI/ANS 10.8-2015)  
Public Review Date: Aug 28, 2020 | Final Action Date: Oct 29, 2020 | [Approved](#)
- ▶ ANSI/ANS 14.1-2004 (R2019), Operation of Fast Pulse Reactors (reaffirmation of ANSI/ANS 14.1-2004 (R2014))  
Public Review Date: Jun 7, 2019 | Final Action Date: Aug 12, 2019 | [Approved](#)
- ▶ ANSI/ANS 15.1-2007 (R2018), The Development of Technical Specifications for Research Reactors (reaffirmation of ANSI/ANS 15.1-2007 (R2013))  
Public Review Date: Jan 26, 2018 | Final Action Date: Apr 10, 2018 | [Approved](#)
- ▶ ANSI/ANS 15.11-2016 (R2021), Radiation Protection at Research Reactors (reaffirmation of ANSI/ANS 15.11-2016)  
Public Review Date: May 14, 2021 | Final Action Date: Jul 20, 2021 | [Approved](#)
- ▶ ANSI/ANS 15.16-2015 (R2020), Emergency Planning for Research Reactors (reaffirmation of ANSI/ANS 15.16-2015)  
Public Review Date: Nov 8, 2019 | Final Action Date: Jan 23, 2020 | [Approved](#)
- ▶ ANSI/ANS 15.2-1999 (R2021), Quality Control for Plate-Type Uranium-Aluminum Fuel Elements (reaffirmation of ANSI/ANS 15.2-1999 (R2016))  
Public Review Date: Nov 20, 2020 | Final Action Date: Jan 28, 2021 | [Approved](#)
- ▶ ANSI/ANS 15.21-2012 (R2023), Format and Content for Safety Analysis Reports for Research Reactors (reaffirmation of ANSI/ANS 15.21-2012 (R2018))  
Public Review Date: Nov 18, 2022 | Final Action Date: Jan 19, 2023 | [Approved](#)
- ▶ ANSI/ANS 15.4-2016 (R2021), Selection and Training of Personnel for Research Reactors (reaffirmation of ANSI/ANS 15.4-2016)  
Public Review Date: May 21, 2021 | Final Action Date: Jul 23, 2021 | [Approved](#)

**ANS (American Nuclear Society)**

- ▶ ANSI/ANS 15.8-1995 (R2018), Quality Assurance Program Requirements for Research Reactors (reaffirmation of ANSI/ANS 15.8-1995 (R2013))  
PINS Date: May 31, 2013 | Public Review Date: May 4, 2018 | Final Action Date: Jul 18, 2018 | [Approved](#)

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- ▶ ANSI/ANS 16.1-2019, Measurement of the Leachability of Solidified Low-Level Radioactive Wastes by a Short-Term Test Procedure (revision of ANSI/ANS 16.1-2003 (R2017))  
PINS Date: Jul 13, 2018 | Public Review Date: Sep 14, 2018 | Final Action Date: Feb 22, 2019 | [Approved](#)

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- ▶ ANSI/ANS 18.1-2020, Radioactive Source Term for Normal Operation of Light Water Reactors (revision of ANSI/ANS 18.1-2016)  
PINS Date: Apr 10, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Jul 24, 2020 | [Approved](#)

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- ▶ ANSI/ANS 19.1-2019, Nuclear Data Sets for Reactor Design Calculations (revision of ANSI/ANS 19.1-2002 (R2011))  
PINS Date: Jul 8, 2011 | Public Review Date: Nov 16, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ ANSI/ANS 19.10-2009 (R2021), Methods for Determining Neutron Fluence in BWR and PWR Pressure Vessel and Reactor InternalsANSI/ANS-19.10-2009; R2016 (reaffirmation of ANSI/ANS 19.10-2009 (R2016))  
Public Review Date: Aug 6, 2021 | Final Action Date: Oct 7, 2021 | [Approved](#)

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- ▶ ANSI/ANS 19.11-2017 (R2022), Calculation and Measurement of the Moderator Temperature Coefficient of Reactivity for Pressurized Water Reactors (reaffirmation of ANSI/ANS 19.11-2017)  
Public Review Date: Apr 1, 2022 | Final Action Date: Jun 2, 2022 | [Approved](#)

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- ▶ ANSI/ANS 19.3-2022, Steady-State Neutronics Methods for Power Reactor Analysis (revision of ANSI/ANS 19.3-2011 (R2017))  
PINS Date: Nov 1, 2019 | Public Review Date: Apr 1, 2022 | Final Action Date: Oct 6, 2022 | [Approved](#)

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- ▶ ANSI/ANS 19.3.4-2022, The Determination of Thermal Energy Deposition Rates in Nuclear Reactors (revision of ANSI/ANS 19.3.4-2002 (R2017))  
PINS Date: Sep 1, 2017 | Public Review Date: Apr 22, 2022 | Final Action Date: Jul 12, 2022 | [Approved](#)

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- ▶ ANSI/ANS 19.4-2017 (R2022), A Guide for Acquisition and Documentation of Reference Power Reactor Physics Measurements for Nuclear Analysis Verification (reaffirmation of ANSI/ANS 19.4-2017)  
Public Review Date: Jun 17, 2022 | Final Action Date: Aug 24, 2022 | [Approved](#)

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- ▶ ANSI/ANS 19.6.1-2019, Reload Startup Physics Tests for Pressurized Water Reactors (revision of ANSI/ANS 19.6.1-2011 (R2016))  
PINS Date: Oct 28, 2016 | Public Review Date: Sep 27, 2019 | Final Action Date: Dec 19, 2019 | [Approved](#)

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- ▶ ANSI/ANS 2.10-2017 (R2022), Criteria for Retrieval, Processing, Handling, and Storage of Records from Nuclear Facility Seismic Instrumentation (reaffirmation of ANSI/ANS 2.10-2017)  
Public Review Date: Feb 11, 2022 | Final Action Date: Apr 1, 2022 | [Approved](#)

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- ▶ ANSI/ANS 2.15-2013 (R2021), Criteria for Modeling and Calculating Atmospheric Dispersion of Routine Radiological Releases from Nuclear Facilities (reaffirmation of ANSI/ANS 2.15-2013 (R2017))  
Public Review Date: Sep 10, 2021 | Final Action Date: Nov 11, 2021 | [Approved](#)

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- ▶ ANSI/ANS 2.17-2010 (R2021), Evaluation of Subsurface Radionuclide Transport at Commercial Nuclear Power Plants (reaffirmation of ANSI/ANS 2.17-2010 (R2016))  
Public Review Date: Apr 16, 2021 | Final Action Date: Jun 28, 2021 | [Approved](#)

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- ▶ ANSI/ANS 2.2-2016 (R2020), Earthquake Instrumentation Criteria for Nuclear Power Plants (reaffirmation of ANSI/ANS 2.2-2016)  
Public Review Date: Sep 4, 2020 | Final Action Date: Nov 16, 2020 | [Approved](#)

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**ANS (American Nuclear Society)**

- ▶ ANSI/ANS 2.21-2022, Criteria for Assessing Atmospheric Effects on the Ultimate Heat Sink (revision of ANSI/ANS 2.21-2012 (R2016))  
PINS Date: Jun 14, 2019 | Public Review Date: Nov 26, 2021 | Final Action Date: Jan 27, 2022 | [Approved](#)

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- ▶ ANSI/ANS 2.23-2016 (R2020), Nuclear Power Plant Response to an Earthquake (reaffirmation of ANSI/ANS 2.23-2016)  
Public Review Date: Sep 4, 2020 | Final Action Date: Nov 16, 2020 | [Approved](#)

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- ▶ ANSI/ANS 2.26-2004 (R2021), Categorization of Nuclear Facility Structures, Systems, and Components For Seismic Design (reaffirmation of ANSI/ANS 2.26-2004 (R2017))  
PINS Date: Oct 18, 2019 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 10, 2021 | [Approved](#)

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- ▶ ANSI/ANS 2.27-2020, Criteria for Investigations of Nuclear Facility Sites for Seismic Hazard Assessments (revision of ANSI/ANS 2.27-2008 (R2016))  
PINS Date: Oct 13, 2017 | Public Review Date: Nov 15, 2019 | Final Action Date: Apr 16, 2020 | [Approved](#)

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- ▶ ANSI/ANS 2.29-2020, Probabilistic Seismic Hazard Analysis (revision of ANSI/ANS 2.29-2008 (R2016))  
PINS Date: Aug 4, 2017 | Public Review Date: Nov 15, 2019 | Final Action Date: Apr 16, 2020 | [Approved](#)

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- ▶ ANSI/ANS 2.3-2011 (R2021), Estimating Tornado, Hurricane, and Extreme Straight Line Wind Characteristics at Nuclear Facility Sites (reaffirmation of ANSI/ANS 2.3-2011 (R2016))  
Public Review Date: May 7, 2021 | Final Action Date: Jul 19, 2021 | [Approved](#)

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- ▶ ANSI/ANS 2.30-2015 (R2020), Criteria for Assessing Tectonic Surface Fault Rupture and Deformation at Nuclear Facilities (reaffirmation of ANSI/ANS 2.30-2015)  
Public Review Date: Feb 28, 2020 | Final Action Date: May 4, 2020 | [Approved](#)

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- ▶ ANSI/ANS 2.6-2018 (R2022), Guidelines for Estimating Present & Forecasting Future Population Distributions Surrounding Nuclear Facility Sites (reaffirmation of ANSI/ANS 2.6-2018)  
Public Review Date: Oct 21, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)

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- ▶ ANSI/ANS 2.8-2019, Probabilistic Evaluation of External Flood Hazards for Nuclear Facilities (new standard)  
PINS Date: Jan 27, 2012 | Public Review Date: Oct 18, 2019 | Final Action Date: Dec 17, 2019 | [Approved](#)

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- ▶ ANSI/ANS 3.1-2014 (R2020), Selection, Qualification, and Training of Personnel for Nuclear Power Plants (reaffirmation of ANSI/ANS 3.1-2014)  
Public Review Date: Nov 29, 2019 | Final Action Date: Feb 4, 2020 | [Approved](#)

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- ▶ ANSI/ANS 3.11-2015 (R2020), Determining Meteorological Data for Nuclear Facilities (reaffirmation of ANSI/ANS 3.11-2015)  
Public Review Date: Mar 20, 2020 | Final Action Date: May 21, 2020 | [Approved](#)

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- ▶ ANSI/ANS 3.14-2021, Process for Infrastructure Aging Management and Life Extension of Non-Reactor Nuclear Facilities (new standard)  
PINS Date: Feb 14, 2014 | Public Review Date: May 28, 2021 | Final Action Date: Aug 5, 2021 | [Approved](#)

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- ▶ ANSI/ANS 3.2-2012 (R2022), Managerial, Administrative, and Quality Assurance Controls for the Operational Phase of Nuclear Power Plants (reaffirmation of ANSI/ANS 3.2-2012 (R2017))  
Public Review Date: Mar 25, 2022 | Final Action Date: May 26, 2022 | [Approved](#)

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- ▶ ANSI/ANS 3.4-2013 (R2018), Medical Certification and Monitoring of Personnel Requiring Operator Licenses for Nuclear Power Plants (reaffirmation of ANSI/ANS 3.4-2013)  
Public Review Date: Apr 27, 2018 | Final Action Date: Jul 2, 2018 | [Approved](#)

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- ▶ ANSI/ANS 3.5-2018, Nuclear Power Plant Simulators for Use in Operator Training and Examination (new standard)  
PINS Date: Jul 29, 2011 | Public Review Date: Jun 2, 2017 | Final Action Date: Oct 10, 2019 | [Approved](#)

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**ANS (American Nuclear Society)**

- ▶ ANSI/ANS 30.3-2022, Advanced Light-Water Reactor Risk-Informed Performance-Based Design Criteria and Methods (new standard)  
PINS Date: Jan 26, 2018 | Public Review Date: May 20, 2022 | Final Action Date: Jul 21, 2022 | [Approved](#)

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- ▶ ANSI/ANS 40.37-2009 (R2021), Mobile Low-Level Radioactive Waste Processing Systems (reaffirmation of ANSI/ANS 40.37-2009 (R2016))  
Public Review Date: Dec 11, 2020 | Final Action Date: Feb 22, 2021 | [Approved](#)

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- ▶ ANSI/ANS 41.5-2012 (R2018), Verification and Validation of Radiological Data for Use in Waste Management and Environmental Remediation (reaffirmation of ANSI/ANS 41.5-2012)  
Public Review Date: Aug 17, 2018 | Final Action Date: Oct 19, 2018 | [Approved](#)

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- ▶ ANSI/ANS 5.1-2014 (R2019), Decay Heat Power in Light Water Reactors (reaffirmation of ANSI/ANS 5.1-2014)  
Public Review Date: Nov 23, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)

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- ▶ ANSI/ANS 5.10-1998 (R2019), Airborne Release Fractions at Non-Reactor Nuclear Facilities (reaffirmation of ANSI/ANS 5.10-1998 (R2012))  
Public Review Date: Aug 2, 2019 | Final Action Date: Oct 3, 2019 | [Approved](#)

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- ▶ ANSI/ANS 5.4-2011 (R2020), Method for Calculating the Fractional Release of Volatile Fission Products from Oxide Fuel (reaffirmation of ANSI/ANS 5.4-2011)  
Public Review Date: Feb 7, 2020 | Final Action Date: Apr 9, 2020 | [Approved](#)

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- ▶ ANSI/ANS 51.10-2020, Auxiliary Feedwater System For Pressurized Water Reactors (revision of ANSI/ANS 51.10-1991 (R2018))  
PINS Date: Aug 31, 2018 | Public Review Date: Aug 7, 2020 | Final Action Date: Oct 23, 2020 | [Approved](#)

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- ▶ ANSI/ANS 53.1-2011 (R2021), Nuclear Safety Design Process for Modular Helium-Cooled Reactor Plants (reaffirmation of ANSI/ANS 53.1-2011 (R2016))  
Public Review Date: Aug 6, 2021 | Final Action Date: Oct 7, 2021 | [Approved](#)

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- ▶ ANSI/ANS 54.1-2020, Nuclear Safety Criteria and Design Process for Sodium Fast Reactor Nuclear Power Plants (new standard)  
PINS Date: Jul 16, 2010 | Public Review Date: Jun 7, 2019 | Final Action Date: Mar 23, 2020 | [Approved](#)

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- ▶ ANSI/ANS 55.1-2021, Solid Radioactive Waste Processing System for Light-Water-Cooled Reactor Plants (revision of ANSI/ANS 55.1-1992 (R2017))  
PINS Date: Apr 2, 2021 | Public Review Date: Oct 15, 2021 | Final Action Date: Dec 2, 2021 | [Approved](#)

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- ▶ ANSI/ANS 56.8-2020, Containment System Leakage Test Requirements (revision of ANSI/ANS 56.8-2002 (R2016))  
PINS Date: Jun 30, 2017 | Public Review Date: May 8, 2020 | Final Action Date: Dec 11, 2020 | [Approved](#)

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- ▶ ANSI/ANS 57.1-1992 (R2019), Design Requirements for Light Water Reactor Fuel Handling Systems (reaffirmation of ANSI/ANS 57.1-1992 (R2015))  
Public Review Date: Oct 4, 2019 | Final Action Date: Dec 6, 2019 | [Approved](#)

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- ▶ ANSI/ANS 57.10-1996 (R2021), Design Criteria for Consolidation of LWR Spent Fuel (reaffirmation of ANSI/ANS 57.10-1996 (R2016))  
Public Review Date: Nov 27, 2020 | Final Action Date: Jan 28, 2021 | [Approved](#)

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- ▶ ANSI/ANS 57.3-2018 (R2022), Design Requirements for New Fuel Storage Facilities at Light Water Reactor Plants (reaffirmation of ANSI/ANS 57.3-2018)  
Public Review Date: Oct 28, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)

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- ▶ ANSI/ANS 57.8-2020, Fuel Assembly Identification (revision of ANSI/ANS 57.8-1995 (R2017))  
PINS Date: Jan 25, 2019 | Public Review Date: May 22, 2020 | Final Action Date: Aug 28, 2020 | [Approved](#)

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**ANS (American Nuclear Society)**

- ▶ ANSI/ANS 58.14-2011 (R2022), Safety and Pressure Integrity Classification Criteria for Light Water Reactors (reaffirmation of ANSI/ANS 58.14-2011 (R2017))  
Public Review Date: Dec 3, 2021 | Final Action Date: Feb 4, 2022 | [Approved](#)

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- ▶ ANSI/ANS 58.16-2014 (R2020), Safety Classification and Design Criteria for Non- Reactor Nuclear Facilities (reaffirmation of ANSI/ANS 58.16-2014)  
Public Review Date: Feb 7, 2020 | Final Action Date: Apr 9, 2020 | [Approved](#)

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- ▶ ANSI/ANS 58.8-2019, Time Response Criteria for Manual Actions at Nuclear Power Plants (revision of ANSI/ANS 58.8-1994 (R2017))  
PINS Date: Jun 22, 2018 | Public Review Date: Dec 28, 2018 | Final Action Date: Aug 8, 2019 | [Approved](#)

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- ▶ ANSI/ANS 58.9-2002 (R2020), Single Failure Criteria for Light Water Reactor Safety-Related Fluid Systems (reaffirmation of ANSI/ANS 58.9-2002 (R2015))  
Public Review Date: May 1, 2020 | Final Action Date: Jul 23, 2020 | [Approved](#)

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- ▶ ANSI/ANS 59.51-1997 (R2020), Fuel Oil Systems for Safety-Related Emergency Diesel Generators (reaffirmation of ANSI/ANS 59.51-1997 (R2015))  
Public Review Date: May 22, 2020 | Final Action Date: Jul 27, 2020 | [Approved](#)

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- ▶ ANSI/ANS 59.52-1998 (R2020), Lubricating Oil Systems for Safety-Related Emergency Diesel Generators (reaffirmation of ANSI/ANS 59.52-1998 (R2015))  
Public Review Date: May 22, 2020 | Final Action Date: Jul 24, 2020 | [Approved](#)

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- ▶ ANSI/ANS 6.1.1-2020, Neutron and Photon Fluence-to-Dose Conversion Coefficients (new standard)  
PINS Date: Nov 9, 2018 | Public Review Date: Feb 21, 2020 | Final Action Date: Sep 10, 2020 | [Approved](#)

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- ▶ ANSI/ANS 6.1.2-2013 (R2018), Neutron and Gamma-Ray Cross Sections for Nuclear Radiation Protection Calculations for Nuclear Power Plants (reaffirmation of ANSI/ANS 6.1.2-2013)  
Public Review Date: Aug 10, 2018 | Final Action Date: Oct 19, 2018 | [Approved](#)

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- ▶ ANSI/ANS 6.3.1-1987 (R2020), Program for Testing Radiation Shields in Light Water Reactors (LWR) (reaffirmation of ANSI/ANS 6.3.1-1987 (R2015))  
Public Review Date: May 29, 2020 | Final Action Date: Jul 28, 2020 | [Approved](#)

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- ▶ ANSI/ANS 6.4-2006 (R2021), Nuclear Analysis and Design of Concrete Radiation Shielding for Nuclear Power Plants (reaffirmation of ANSI/ANS 6.4-2006 (R2016))  
Public Review Date: Jun 4, 2021 | Final Action Date: Aug 5, 2021 | [Approved](#)

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- ▶ ANSI/ANS 6.4.2-2006 (R2021), Specification for Radiation Shielding Materials (reaffirmation of ANSI/ANS 6.4.2-2006 (R2016))  
PINS Date: Feb 10, 2017 | Public Review Date: Sep 24, 2021 | Final Action Date: Dec 2, 2021 | [Approved](#)

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- ▶ ANSI/ANS 6.6.1-2015 (R2020), Calculation and Measurement of Direct and Scattered Radiation from LWR Nuclear Power Plants (reaffirmation of ANSI/ANS 6.6.1-2015)  
Public Review Date: Feb 21, 2020 | Final Action Date: Apr 23, 2020 | [Approved](#)

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- ▶ ANSI/ANS 8.1-2014 (R2018), Nuclear Criticality Safety in Operations with Fissionable Material Outside Reactors (reaffirmation of ANSI/ANS 8.1-2014)  
PINS Date: Dec 22, 2017 | Public Review Date: Sep 14, 2018 | Final Action Date: Nov 29, 2018 | [Approved](#)

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- ▶ ANSI/ANS 8.10-2015 (R2020), Criteria for Nuclear Criticality Safety Controls in Operations With Shielding and Confinement (reaffirmation of ANSI/ANS 8.10-2015)  
Public Review Date: Jan 24, 2020 | Final Action Date: Mar 26, 2020 | [Approved](#)

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**ANS (American Nuclear Society)**

- ▶ ANSI/ANS 8.12-1987 (R2021), Nuclear Criticality Control and Safety of Plutonium-Uranium Fuel Mixtures Outside Reactors (reaffirmation of ANSI/ANS 8.12-1987 (R2016))  
PINS Date: May 27, 2016 | Public Review Date: Jun 11, 2021 | Final Action Date: Aug 16, 2021 | [Approved](#)

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- ▶ ANSI/ANS 8.14-2004 (R2021), Use of Soluble Neutron Absorbers in Nuclear Facilities Outside Reactors (reaffirmation of ANSI/ANS 8.14-2004 (R2016))  
Public Review Date: May 28, 2021 | Final Action Date: Aug 5, 2021 | [Approved](#)

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- ▶ ANSI/ANS 8.15-2014 (R2019), Nuclear Criticality Control of Selected Actinide Nuclides (reaffirmation of ANSI/ANS 8.15-2014)  
Public Review Date: Jul 12, 2019 | Final Action Date: Sep 12, 2019 | [Approved](#)

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- ▶ ANSI/ANS 8.17-2004 (R2019), Criticality Safety Criteria for the Handling, Storage and Transportation of LWR Fuel Outside Reactors (reaffirmation of ANSI/ANS 8.17-2004 (R2014))  
Public Review Date: Jul 5, 2019 | Final Action Date: Sep 12, 2019 | [Approved](#)

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- ▶ ANSI/ANS 8.19-2014 (R2019), Administrative Practices for Nuclear Criticality Safety (reaffirmation of ANSI/ANS 8.19-2014)  
Public Review Date: Jun 21, 2019 | Final Action Date: Aug 22, 2019 | [Approved](#)

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- ▶ ANSI/ANS 8.20-1991 (R2020), Nuclear Criticality Safety Training (reaffirmation of ANSI/ANS 8.20-1991 (R2015))  
PINS Date: Oct 16, 2015 | Public Review Date: Mar 6, 2020 | Final Action Date: May 8, 2020 | [Approved](#)

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- ▶ ANSI/ANS 8.22-1997 (R2021), Nuclear Criticality Safety Based on Limiting and Controlling Moderators (reaffirmation of ANSI/ANS 8.22-1997 (R2016))  
Public Review Date: Sep 17, 2021 | Final Action Date: Dec 7, 2021 | [Approved](#)

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- ▶ ANSI/ANS 8.23-2019, Nuclear Criticality Accident Emergency Planning and Response (revision of ANSI/ANS 8.23-2007 (R2012))  
PINS Date: Jul 22, 2016 | Public Review Date: Jun 21, 2019 | Final Action Date: Sep 16, 2019 | [Approved](#)

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- ▶ ANSI/ANS 8.24-2017 (R2022), Validation of Neutron Transport Methods for Nuclear Criticality Safety Calculations (reaffirmation of ANSI/ANS 8.24-2017)  
Public Review Date: Oct 21, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)

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- ▶ ANSI/ANS 8.26-2007 (R2022), Criticality Safety Engineer Training and Qualification Program (reaffirmation of ANSI/ANS 8.26-2007 (R2016))  
PINS Date: Feb 3, 2017 | Public Review Date: Dec 10, 2021 | Final Action Date: Feb 10, 2022 | [Approved](#)

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- ▶ ANSI/ANS 8.27-2015 (R2020), Burnup Credit for LWR Fuel (reaffirmation of ANSI/ANS 8.27-2015)  
Public Review Date: Jun 5, 2020 | Final Action Date: Aug 7, 2020 | [Approved](#)

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- ▶ ANSI/ANS 8.3-2022, Criticality Accident Alarm System (revision of ANSI/ANS 8.3-1997 (R2017))  
PINS Date: Dec 1, 2017 | Public Review Date: Jul 8, 2022 | Final Action Date: Sep 9, 2022 | [Approved](#)

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- ▶ ANSI/ANS 8.5-1996 (R2022), Use of Borosilicate-Glass Raschig Rings as a Neutron Absorber in Solutions of Fissile Material (reaffirmation of ANSI/ANS 8.21-1995 (R2019))  
Public Review Date: Jul 8, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)

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- ▶ ANSI/ANS 8.6-1983 (R2022), Safety in Conducting Subcritical Neutron-Multiplication Measurements in Situ (reaffirmation of ANSI/ANS 8.6-1983 (R2017))  
Public Review Date: Jul 8, 2022 | Final Action Date: Sep 9, 2022 | [Approved](#)

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- ▶ ANSI/ANS 8.7-2022, Nuclear Criticality Safety in the Storage of Fissile Materials (revision of ANSI/ANS 8.7-1998 (R2017))  
PINS Date: Dec 29, 2017 | Public Review Date: Jan 28, 2022 | Final Action Date: May 6, 2022 | [Approved](#)

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**APA (APA - The Engineered Wood Association)**

7011 South 19th Street, Tacoma, WA 98466 | w: [www.apawood.org](http://www.apawood.org)

- ▶ ANSI 117-2020, Standard Specification for Structural Glued Laminated Timber of Softwood Species (revision of ANSI 117-2015)  
PINS Date: Jul 19, 2019 | Public Review Date: Mar 20, 2020 | Final Action Date: May 5, 2020 | [Approved](#)
- ▶ ANSI A190.1-2022, Product Standard for Structural Glued Laminated Timber (revision of ANSI A190.1-2017)  
PINS Date: Jun 4, 2021 | Public Review Date: Dec 31, 2021 | Final Action Date: Feb 17, 2022 | [Approved](#)
- ▶ ANSI/APA 405-2023, Standard for Adhesives for Use in Structural Glued Laminated Timber (revision of ANSI 405-2018)  
PINS Date: May 13, 2022 | Public Review Date: Dec 2, 2022 | Final Action Date: Jan 19, 2023 | [Approved](#)
- ▶ ANSI/APA PRG 320-2019, Standard for PerformanceRated CrossLaminated Timber (revision of ANSI/APA PRG 320-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Oct 25, 2019 | Final Action Date: Jan 6, 2020 | [Approved](#)
- ▶ ANSI/APA PRP 210-2019, Standard for Performance-Rated Engineered Wood Siding (revision of ANSI/APA PRP 210-2014)  
PINS Date: Aug 3, 2018 | Public Review Date: Nov 23, 2018 | Final Action Date: Jan 18, 2019 | [Approved](#)
- ▶ ANSI/APA PRR 410-2021, Standard for Performance-Rated Engineered Wood Rim Boards (revision of ANSI/APA PRR 410-2016)  
PINS Date: Jun 12, 2020 | Public Review Date: Mar 19, 2021 | Final Action Date: May 5, 2021 | [Approved](#)
- ▶ ANSI/APA PRS 610.1-2023, Standard for Performance-Rated Structural Insulated Panels in Wall Applications (revision of ANSI/APA PRS 610.1-2018)  
PINS Date: May 20, 2022 | Public Review Date: Sep 23, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)

**APCO (Association of Public-Safety Communications Officials-International)**

351 N. Williamson Boulevard, Daytona Beach, FL 32114-1112 | w: [www.apcointl.org](http://www.apcointl.org)

- ▶ ANSI/APCO 1.101.4-2022, Standard for Public Safety Telecommunicators When Responding to Calls of Missing, Abducted Sexually Exploited (revision and redesignation of ANSI/APCO 1.101.3-2015)  
PINS Date: Oct 25, 2019 | Public Review Date: Apr 29, 2022 | Final Action Date: Jun 17, 2022 | [Approved](#)
- ▶ ANSI/APCO 1.103.3-2022, Wireless 9-1-1 Deployment and Management of Effective Practices Guide (revision and redesignation of ANSI/APCO 1.103.2-2013)  
PINS Date: Jan 5, 2018 | Public Review Date: Sep 2, 2022 | Final Action Date: Nov 8, 2022 | [Approved](#)
- ▶ ANSI/APCO 1.107.1-2015, Standard for the Establishment of a Quality Assurance and Quality Improvement Program for Public Safety Answering Points (new standard)  
PINS Date: May 7, 2010 | Public Review Date: May 23, 2014 | Final Action Date: Apr 2, 2015 | [Approved](#)
- ▶ ANSI/APCO 1.108.1-2018, Minimum Operational Standards for the Use of TTY/TDD or Similar Device in the Public Safety Communications Center (new standard)  
PINS Date: Oct 1, 2010 | Public Review Date: Jun 29, 2018 | Final Action Date: Aug 16, 2018 | [Approved](#)
- ▶ ANSI/APCO 1.110.1-2015, Multi-Functional Multi-Discipline Computer Aided Dispatch (CAD) Minimal Functional Requirements (new standard)  
PINS Date: Feb 3, 2012 | Public Review Date: Oct 17, 2014 | Final Action Date: Jan 7, 2015 | [Approved](#)
- ▶ ANSI/APCO 1.111.2-2013 (R2018), Public Safety Communications Common Disposition Codes for Data Exchange (reaffirmation and redesignation of ANSI/APCO 1.111.1-2013)  
PINS Date: Nov 24, 2017 | Public Review Date: Jan 5, 2018 | Final Action Date: Mar 20, 2018 | [Approved](#)

**APCO (Association of Public-Safety Communications Officials-International)**

- ▶ ANSI/APCO 1.112.1-2014, Best Practices for the Use of Social Media by Public Safety Communications (new standard)  
PINS Date: Dec 14, 2012 | Public Review Date: Jul 11, 2014 | Final Action Date: Sep 19, 2014 | [Approved](#)

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- ▶ ANSI/APCO 1.112.2-2020, Best Practices for the Use of Social Media in Public Safety Communications (revision and redesignation of ANSI/APCO 1.112.1-2014 )  
PINS Date: Nov 2, 2018 | Public Review Date: Jul 31, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ ANSI/APCO 1.113.1-2019, Public Safety Communications Incident Handling Process (new standard)  
PINS Date: Mar 8, 2013 | Public Review Date: Jul 20, 2018 | Final Action Date: Jan 9, 2019 | [Approved](#)

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- ▶ ANSI/APCO 1.114.1-2017, APCO Recommended Best Practices for PSAP's when Processing Vehicle Telematics Calls from Telematics Service Providers (new standard)  
PINS Date: Mar 8, 2013 | Public Review Date: Aug 7, 2015 | Final Action Date: Sep 29, 2017 | [Approved](#)

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- ▶ ANSI/APCO 1.115.1-2018, Core Competencies, Operational Factors and Training for Next Generation Technologies in Public Safety Communications (new standard)  
PINS Date: Mar 15, 2013 | Public Review Date: Mar 23, 2018 | Final Action Date: Jul 3, 2018 | [Approved](#)

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- ▶ ANSI/APCO 1.116.2-2015 (R2020), Public Safety Communications Common Status Codes for Data Exchange (reaffirmation and redesignation of ANSI/APCO 1.116.1-2015)  
PINS Date: Oct 11, 2019 | Public Review Date: Dec 6, 2019 | Final Action Date: Jan 30, 2020 | [Approved](#)

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- ▶ ANSI/APCO 1.117.1-2019, Public Safety Communications Center Key Performance Indicators (new standard)  
PINS Date: Sep 15, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Oct 17, 2019 | [Approved](#)

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- ▶ ANSI/APCO 1.118.1-2020, Key Performance Indicators for Public Safety Communications Personnel (new standard)  
PINS Date: Oct 13, 2017 | Public Review Date: Jul 31, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ ANSI/APCO 1.119.1-2021, Public Safety Telecommunicator Critical Incident Stress Debriefing Program (new standard)  
PINS Date: Sep 21, 2018 | Public Review Date: Jul 31, 2020 | Final Action Date: Apr 8, 2021 | [Approved](#)

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- ▶ ANSI/APCO 1.120.1-2021, Crisis Intervention Techniques and Call Handling Procedures for Public Safety Telecommunicators (new standard)  
PINS Date: Sep 15, 2017 | Public Review Date: Jun 18, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ ANSI/APCO 1.121.1-2022, Managing Operational Overload in the Emergency Communication Center (new standard)  
PINS Date: Oct 25, 2019 | Public Review Date: Dec 3, 2021 | Final Action Date: Feb 14, 2022 | [Approved](#)

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- ▶ ANSI/APCO 2.102.1-2022, APCO NENA Advanced Automatic Crash Notification (AACN) Vehicle Emergency Data Set (VEDS) (new standard)  
PINS Date: Feb 17, 2012 | Public Review Date: Mar 11, 2022 | Final Action Date: May 13, 2022 | [Approved](#)

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- ▶ ANSI/APCO 2.103.2-2019, Public Safety Communications Common Incident Types for Data Exchange (revision and redesignation of ANSI/APCO 2.103.1-2012)  
PINS Date: Mar 2, 2018 | Public Review Date: Aug 2, 2019 | Final Action Date: Oct 18, 2019 | [Approved](#)

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- ▶ ANSI/APCO 2.106.1-2019, Public Safety Grade site Hardening Requirements (new standard)  
PINS Date: Feb 19, 2016 | Public Review Date: Mar 15, 2019 | Final Action Date: Jun 11, 2019 | [Approved](#)

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- ▶ ANSI/APCO 3.101.3-2017, Core Competencies and Minimum Training Standards for Public Safety Communications Training Officer (CTO) (revision and redesignation of ANSI/APCO 3.101.2-2013)  
PINS Date: Mar 13, 2015 | Public Review Date: Jul 22, 2016 | Final Action Date: Sep 12, 2017 | [Approved](#)

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**APCO (Association of Public-Safety Communications Officials-International)**

- ▶ ANSI/APCO 3.102.2-2017, Core Competencies and Minimum Training Standards for Public Safety Communications Supervisors (revision and redesignation of ANSI/APCO 3.102.1-2012)  
PINS Date: Mar 13, 2015 | Public Review Date: Jul 22, 2016 | Final Action Date: Sep 12, 2017 | [Approved](#)

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- ▶ ANSI/APCO 3.103.2-2015, Minimum Training Standards for Public Safety Telecommunicators (revision and redesignation of ANSI/APCO 3.103.1-2010)  
PINS Date: Mar 15, 2013 | Public Review Date: Apr 10, 2015 | Final Action Date: Jul 14, 2015 | [Approved](#)

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- ▶ ANSI/APCO 3.104.2-2017, Core Competencies and Minimum Training Standard for Public Safety Communications Training Coordinator (revision and redesignation of ANSI/APCO 3.104.1-2012)  
PINS Date: Mar 13, 2015 | Public Review Date: Jun 12, 2015 | Final Action Date: Sep 19, 2017 | [Approved](#)

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- ▶ ANSI/APCO 3.105.1-2015, Minimum Training Standard for TTY/TDD Use in the Public Safety Communications Center (new standard)  
PINS Date: Oct 1, 2010 | Public Review Date: Dec 12, 2014 | Final Action Date: Feb 24, 2015 | [Approved](#)

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- ▶ ANSI/APCO 3.106.2-2017, Core Competencies and Minimum Training Standards for Public Safety Communications Quality Assurance Evaluators (revision and redesignation of ANSI/APCO 3.106.1-2013)  
PINS Date: Jun 12, 2015 | Public Review Date: Jul 22, 2016 | Final Action Date: Sep 12, 2017 | [Approved](#)

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- ▶ ANSI/APCO 3.107.2-2022, Core Competencies and Minimum Training Requirements for Public Safety Communications Technician (revision and redesignation of ANSI/APCO 3.107.1-2015)  
PINS Date: Nov 2, 2018 | Public Review Date: Oct 29, 2021 | Final Action Date: Jan 18, 2022 | [Approved](#)

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- ▶ ANSI/APCO 3.108.2-2018, Core Competencies and Minimum Training Standards for Public Safety Communications Instructor (revision and redesignation of ANSI/APCO 3.108.1-2014)  
PINS Date: Sep 29, 2017 | Public Review Date: Mar 23, 2018 | Final Action Date: Jun 7, 2018 | [Approved](#)

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- ▶ ANSI/APCO 3.109.3-2022, Core Competencies and Minimum Training Standards for Public Safety Communications Manager/Director (revision and redesignation of ANSI/APCO 3.109.2-2014)  
PINS Date: Feb 15, 2019 | Public Review Date: Nov 5, 2021 | Final Action Date: Jan 18, 2022 | [Approved](#)

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- ▶ ANSI/APCO 3.110.1-2019, Cyber Security Training for Public Safety Communications Personnel (new standard)  
PINS Date: Sep 8, 2017 | Public Review Date: Oct 18, 2019 | Final Action Date: Dec 17, 2019 | [Approved](#)

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- ▶ ANSI/APCO 3.111.1-2022, Detecting Early Warning Symptoms of Stress in Public Safety Telecommunicators (new standard)  
PINS Date: Feb 15, 2019 | Public Review Date: Sep 2, 2022 | Final Action Date: Nov 8, 2022 | [Approved](#)

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- ▶ ANSI/APCO/NENA 1.102.3-2020, Public Safety Answering Point (PSAP) Service Capability Criteria Rating Scale (revision and redesignation of ANSI/APCO/NENA 1.102.2-2010)  
PINS Date: Jul 11, 2014 | Public Review Date: Dec 6, 2019 | Final Action Date: Jan 30, 2020 | [Approved](#)

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- ▶ ANSI/APCO/NENA 1.105.2-2015, Standard for Telecommunicator Emergency Response Taskforce (TERT) Deployment (revision and redesignation of ANSI/APCO/NENA 1.105.1-2009)  
PINS Date: Dec 12, 2014 | Public Review Date: Feb 6, 2015 | Final Action Date: Jul 14, 2015 | [Approved](#)

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- ▶ ANSI/APCO/NENA 2.105.1-2017, APCO/NENA NG 9-1-1 Emergency Incident Data Document (EIDD) (new standard)  
PINS Date: Apr 26, 2013 | Public Review Date: Jun 3, 2016 | Final Action Date: Jan 3, 2017 | [Approved](#)

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- ▶ ANSI/APCO/NPSTC 1.104.2-2017, Standard Channel Nomenclature for the Public Safety Interoperability Channels (revision and redesignation of ANSI/APCO/NPSTC 1.104.1-2010)  
PINS Date: Dec 12, 2014 | Public Review Date: Dec 25, 2015 | Final Action Date: Jan 3, 2017 | [Approved](#)

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**APCO (Association of Public-Safety Communications Officials-International)**

- ▶ ANSI/APCO/TMA 2.101.3-2021, Alarm Monitoring Company to Emergency Communications Center (ECC) Computer Aided Dispatch (CAD) Automated Secure Alarm Protocol (ASAP) (revision and redesignation of ANSI/APCO/CSAA 2.101.2-2014)  
PINS Date: Apr 26, 2019 | Public Review Date: Jan 29, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)
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**API (American Petroleum Institute)**

200 Massachusetts Avenue NW, Washington, DC 20001 | w: [www.api.org](http://www.api.org)

- ▶ ANSI/API 13M/ISO 13503-1-2004 (R2018), Measurement of Viscous Properties of Completion Fluids (reaffirm a national adoption ANSI/API 13M/ISO 13503-1-2004 (R2010))  
Public Review Date: Nov 10, 2017 | Final Action Date: Dec 11, 2018 | [Approved](#)
- ▶ ANSI/API 780-2013 (R2022), Security Risk Assessment Methodology for the Petroleum and Petrochemical Industries (reaffirmation of ANSI/API 780-2013)  
Public Review Date: Dec 17, 2021 | Final Action Date: Feb 11, 2022 | [Approved](#)
- ▶ ANSI/API Bulletin 100-3-2014, Community Engagement Guidelines (new standard)  
PINS Date: Oct 12, 2012 | Public Review Date: Oct 25, 2013 | Final Action Date: Jun 6, 2014 | [Approved](#)
- ▶ ANSI/API MPMS 14.3.1-2011 (R2022), Concentric, Square-edged Orifice Meters Part 1: General Equations and Uncertainty Guidelines (reaffirmation of ANSI/API MPMS 14.3.1-2011 (R2021))  
Public Review Date: Apr 8, 2022 | Final Action Date: Jul 21, 2022 | [Approved](#)
- ▶ ANSI/API MPMS CH. 14.3.3-2012 (R2021), Orifice Metering of Natural Gas and Other Related Hydrocarbon Fluids - Concentric, Square-edged Orifice Meters, Part 3 - Natural Gas Applications (reaffirmation of ANSI/API MPMS CH. 14.3.3-2012)  
Public Review Date: Feb 19, 2021 | Final Action Date: Jun 3, 2021 | [Approved](#)
- ▶ ANSI/API MPMS Ch. 21.1-2011 (R2021), Flow Measurement Using Electronic Metering Systems - Electronic Gas Measurement (reaffirmation of ANSI/API MPMS Ch. 21.1-2011)  
Public Review Date: Feb 19, 2021 | Final Action Date: Jun 3, 2021 | [Approved](#)
- ▶ ANSI/API MPMS Chapter 14.3.2, 5th Ed.-2016, Concentric, Square-Edged Orifice Meters-Specification and Installation Requirements (revision of ANSI/API MPMS Chapter 14.3, Part 2-2000 (R2011))  
PINS Date: Jul 20, 2007 | Public Review Date: Dec 18, 2015 | Final Action Date: Feb 11, 2016 | [Approved](#)
- ▶ ANSI/API MPMS Chapter 17.10.1/ISO 10976, 2nd Edition-2021, Modified Adoption of ISO 10976:2015: Refrigerated Light Hydrocarbon Fluids—Measurement of Cargoes On Board Marine LNG Carriers (national adoption of ISO 10976:2015 with modifications and revision of ANSI/API MPMS Ch. 17.10.1/ISO 10976, 1st Edition-2014 (R2020))  
PINS Date: Feb 7, 2020 | Public Review Date: Dec 18, 2020 | Final Action Date: Mar 24, 2021 | [Approved](#)
- ▶ ANSI/API MPMS Chapter 2.2C, 1st Edition-2002 (R2021), Calibration of Upright Cylindrical Tanks Using the Optical-Triangulation Method (reaffirm a national adoption ANSI/API MPMS Chapter 2.2C, 1st Edition-2002 (R2015))  
Public Review Date: Feb 19, 2021 | Final Action Date: Jun 15, 2021 | [Approved](#)
- ▶ ANSI/API MPMS Chapter 2.2E, 1st Edition-2004 (R2021), Petroleum and Liquid Petroleum Products - Calibration of Horizontal Cylindrical Tanks - Part 1: Manual Methods (reaffirm a national adoption ANSI/API MPMS Chapter 2.2E, 1st Edition-2004 (R2015))  
Public Review Date: Feb 19, 2021 | Final Action Date: Jun 15, 2021 | [Approved](#)
- ▶ ANSI/API MPMS Chapter 2.2F, 1st Edition-2004 (R2021), Petroleum and Liquid Petroleum Products - Calibration of Horizontal Cylindrical Tanks - Part 2: Internal Electro-optical Distance-ranging Method (reaffirm a national adoption ANSI/API MPMS Chapter 2.2F, 1st Edition-2004 (R2015))  
Public Review Date: Feb 19, 2021 | Final Action Date: Jun 15, 2021 | [Approved](#)
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**API (American Petroleum Institute)**

- ▶ ANSI/API MPMS Chapter 7.5/ISWO 8310-2012 (R2020), Automatic Tank Temperature Measurement Onboard Marine Vessels Carrying Refrigerated Hydrocarbon and Chemical Gas Fluids (reaffirm a national adoption ANSI/API MPMS Chapter 7.5, 1st Edition-2014)

Public Review Date: Aug 16, 2019 | Final Action Date: Jan 21, 2020 | [Approved](#)

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- ▶ ANSI/API MPMS Chapter 8.6, 1st Edition-2019, Modified Adoption of ISO 8943-2007: Refrigerated light hydrocarbon fluids – Sampling of liquified natural gas – Continuous and intermittent methods (national adoption with modifications of ISO 8943:2007)

PINS Date: Jun 15, 2018 | Public Review Date: Nov 29, 2019 | Final Action Date: Feb 13, 2020 | [Approved](#)

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- ▶ ANSI/API MPMS Chapter 9.4, 1st edition-2017, Continuous Density Measurement Under Dynamic (Flowing) Conditions (new standard)

PINS Date: Apr 10, 2015 | Public Review Date: Oct 14, 2016 | Final Action Date: Jan 25, 2017 | [Approved](#)

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- ▶ ANSI/API Recommended Practice 19G4 (ISO 17078-4)-2011 (R2022), Practices for Sidepocket Mandrels and Related Equipment (reaffirm a national adoption ANSI/API 19G4 (ISO 17078-4)-2011)

Public Review Date: Apr 8, 2022 | Final Action Date: Sep 13, 2022 | [Approved](#)

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- ▶ ANSI/API Recommended Practice 2EQ-2014, Seismic Design Procedures for Offshore Structures (national adoption with modifications of ISO 19901-2:2004)

PINS Date: Oct 2, 2009 | Public Review Date: Aug 22, 2014 | Final Action Date: Oct 16, 2014 | [Approved](#)

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- ▶ ANSI/API Recommended Practice 754, Third Edition-2021, Process Safety Performance Indicators for the Refining and Petrochemical Industries (revision and redesignation of ANSI/API Recommended Practice 754, Second Edition-2016)

PINS Date: Aug 30, 2019 | Public Review Date: Jun 4, 2021 | Final Action Date: Jul 22, 2021 | [Approved](#)

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- ▶ ANSI/API RP 100-1-2019 (R2020), Hydraulic Fracturing—Well Integrity and Fracture Containment (reaffirmation of ANSI/API RP 100-1-2019)

Public Review Date: Jul 3, 2020 | Final Action Date: Aug 27, 2020 | [Approved](#)

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- ▶ ANSI/API RP 100-2-2015 (R2020), Managing Environmental Aspects Associated with Exploration and Production Operations including Hydraulic Fracturing (reaffirmation of ANSI/API RP 100-2-2015)

Public Review Date: Jul 3, 2020 | Final Action Date: Aug 27, 2020 | [Approved](#)

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- ▶ ANSI/API RP 10B-5/ISO 10426-5-2010 (R2020), Recommended Practice on Determination of Shrinkage and Expansion of Well Cement Formulations at Atmospheric Pressure (reaffirm a national adoption ANSI/API RP 10B-5/ISO 10426-5-2010 (R2015))

Public Review Date: Feb 28, 2020 | Final Action Date: Aug 24, 2020 | [Approved](#)

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- ▶ ANSI/API RP 10B-6/ISO 10426-6-2008, Addendum 1-2020, Recommended Practice on Determining the Static Gel Strength of Cement Formulations (identical national adoption of ISO 10426-6:2008)

PINS Date: Oct 4, 2019 | Public Review Date: Nov 22, 2019 | Final Action Date: Jan 10, 2020 | [Approved](#)

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- ▶ ANSI/API RP 10B-6/ISO 10426-6-2010 (R2019), Recommended Practice on Determining the Static Gel Strength of Cement Formulations (reaffirm a national adoption ANSI/API RP 10B-6/ISO 10426-6-2010 (R2015))

Public Review Date: Sep 13, 2019 | Final Action Date: Dec 3, 2019 | [Approved](#)

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- ▶ ANSI/API RP 10D-2/ISO 10427-2-2004 (R2020), Recommended Practice for Centralizer Placement and Stop-collar Testing (reaffirm a national adoption ANSI/API RP 10D-2/ISO 10427-2-2004 (R2015))

Public Review Date: Sep 13, 2019 | Final Action Date: Jan 10, 2020 | [Approved](#)

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- ▶ ANSI/API RP 1162-2022, Public Awareness Programs for Pipeline Operators (new standard)

PINS Date: May 25, 2018 | Public Review Date: Jun 10, 2022 | Final Action Date: Aug 19, 2022 | [Approved](#)

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- ▶ ANSI/API RP 1173-2015, Pipeline Safety Management Systems (new standard)

PINS Date: Feb 15, 2013 | Public Review Date: Apr 10, 2015 | Final Action Date: May 19, 2015 | [Approved](#)

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**API (American Petroleum Institute)**

- ▶ ANSI/API RP 13M-4/ISO 13503-4-2006 (R2020), API Recommended Practice for Measuring Stimulation and Gravel-pack Fluid Leakoff Under Static Conditions, 1st Edition (reaffirm a national adoption ANSI/API RP 13M/ISO 13503-4-2006)

Public Review Date: May 29, 2020 | Final Action Date: Sep 22, 2020 | [Approved](#)

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- ▶ ANSI/API RP 13M-6/ISO 13503-6-2020, Recommended Practice for Measuring Leakoff of Completion Fluids Under Dynamic Conditions 1st Edition-2016 (national adoption with modifications of ISO 13503-6:2012)

PINS Date: Apr 1, 2016 | Public Review Date: Apr 12, 2019 | Final Action Date: Feb 11, 2020 | [Approved](#)

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- ▶ ANSI/API RP 2EQ/ISO 19901-2:2004 (R2021), Seismic Design Procedures and Criteria for Offshore Structures (reaffirm a national adoption ANSI/API RP 2EQ-2018)

Public Review Date: May 8, 2020 | Final Action Date: Jan 4, 2021 | [Approved](#)

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- ▶ ANSI/API RP 2GEO/ISO 19901:2003 (R2021), Geotechnical and Foundation Design Considerations (reaffirm a national adoption ANSI/API Recommended Practice 2GEO-2014)

Public Review Date: May 8, 2020 | Final Action Date: Jan 4, 2021 | [Approved](#)

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- ▶ ANSI/API RP 2MET, Second Edition-2021, Derivation of Metocean Design and Operating Conditions (national adoption of ISO 19901-1:2015 with modifications and revision of ANSI/API RP 2MET-2014)

PINS Date: Aug 3, 2018 | Public Review Date: May 8, 2020 | Final Action Date: Jan 4, 2021 | [Approved](#)

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- ▶ ANSI/API RP 2MOP/ISO 19901-6:2009 (R2021), Marine Operations (reaffirm a national adoption ANSI/API Recommended Practice 2MOP-2010 (R2015))

Public Review Date: May 8, 2020 | Final Action Date: Jan 4, 2021 | [Approved](#)

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- ▶ ANSI/API RP 2N/ISO 19906:2010 (R2021), Planning, Designing, and Constructing Structures and Pipelines for Arctic Conditions (reaffirm a national adoption ANSI/API Recommended Practice 2N-2015)

Public Review Date: May 8, 2020 | Final Action Date: Jan 4, 2021 | [Approved](#)

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- ▶ ANSI/API RP 2TOP-2019, Topsides Structure (national adoption with modifications of ISO 19901-3:2010)

PINS Date: Feb 2, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: May 1, 2019 | [Approved](#)

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- ▶ ANSI/API RP 3000-2014 (R2022), Classifying and Loading of Crude Oil into Rail Tank Cars (reaffirmation of ANSI/API RP 3000-2014)

Public Review Date: Sep 30, 2022 | Final Action Date: Dec 5, 2022 | [Approved](#)

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- ▶ ANSI/API RP 5A3/ISO 13678, 3rd Edition-2009 (R2021), Recommended Practice on Thread Compounds for Casing, Tubing, Line Pipe, and Drill Stem Elements (reaffirm a national adoption ANSI/API RP 5A3/ISO 13678, 3rd Edition -2009 (R2015))

Public Review Date: May 8, 2020 | Final Action Date: Jan 4, 2021 | [Approved](#)

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- ▶ ANSI/API RP 5A5/ISO 15463-2010 (R2021), Field Inspection of New Casing, Tubing, and Plain-end Drill Pipe (reaffirm a national adoption ANSI/API RP 5A5/ISO 15463-2010 (R2015))

Public Review Date: May 8, 2020 | Final Action Date: Jan 4, 2021 | [Approved](#)

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- ▶ ANSI/API Spec 5CRA/ISO 13680-2022, CorrosionResistant Alloy Seamless Products for Use as Casing, Tubing, Coupling Stock and Accessory Material (national adoption of ISO 13680:2020 with modifications and revision of ANSI/API Spec 5CRA/ISO 13680, 1st Edition-2009 (R2021))

PINS Date: Jul 23, 2021 | Public Review Date: Oct 22, 2021 | Final Action Date: Aug 9, 2022 | [Approved](#)

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- ▶ ANSI/API Spec 5CRA/ISO 13680, 1st Edition-2009 (R2021), Specification for Corrosion-resistant Alloy Seamless Tubes for Use as Casing, Tubing, and Coupling Stock (reaffirm a national adoption ANSI/API Spec 5CRA/ISO 13680, 1st Edition-2009 (R2015))

Public Review Date: May 8, 2020 | Final Action Date: Jan 4, 2021 | [Approved](#)

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**API (American Petroleum Institute)**

- ▶ ANSI/API SPEC 7-1/ISO 10424-1-2004 (R2021), Specification for Rotary Drill Stem Elements (reaffirm a national adoption ANSI/API Spec 7-1/ISO 10424-1-2004-2018)  
Public Review Date: Jul 24, 2020 | Final Action Date: Jan 4, 2021 | [Approved](#)
- ▶ ANSI/API Specification 19AC/ISO 14998, 1st Edition-2016 (R2022), Specification for Completion Accessories (reaffirmation of ANSI/API Specification 19AC/ISO 14998, 1st Edition-2016)  
Public Review Date: Dec 17, 2021 | Final Action Date: Feb 7, 2022 | [Approved](#)
- ▶ ANSI/API Specification 19G3 (ISO 17078-3)-2011 (R2022), Running Tools, Pulling Tools and Kickover Tools and Latches for Sidepocket Mandrels (reaffirm a national adoption ANSI/API Specification 19G3 (ISO 17078-3)-2011)  
PINS Date: Mar 17, 2017 | Public Review Date: Apr 8, 2022 | Final Action Date: Sep 13, 2022 | [Approved](#)
- ▶ ANSI/API Specification 19SS/ISO 17824:2010, Sand Screens (identical national adoption of ISO 17824:2009)  
PINS Date: Aug 3, 2012 | Public Review Date: Apr 15, 2016 | Final Action Date: Apr 19, 2018 | [Approved](#)
- ▶ ANSI/API Specification 7-1/ISO 10424-1-2007 (R2015), Specification for Rotary Drill Stem Elements (reaffirm a national adoption ANSI/API Specification 7-1-2007)  
Public Review Date: Mar 27, 2015 | Final Action Date: Aug 18, 2015 | [Approved](#)
- ▶ ANSI/API STANDARD 2350-2020, Overfill Prevention for Atmospheric Storage Tanks in Petroleum Facilities (revision of ANSI/API STANDARD 2350-2012)  
PINS Date: Aug 19, 2016 | Public Review Date: May 15, 2020 | Final Action Date: Sep 16, 2020 | [Approved](#)
- ▶ ANSI/API Standard 537-2016, Flare Details for Petroleum, Petrochemical and Natural Gas Industries (new standard)  
PINS Date: Feb 20, 2015 | Public Review Date: Jan 29, 2016 | Final Action Date: Apr 25, 2016 | [Approved](#)
- ▶ ANSI/API Standard 537-2020, Flare Details for Petroleum, Petrochemical, and Natural Gas Industries (supplement to BSR/API Standard 537, 3rd Edition, 1st Addendum-201x)  
PINS Date: Dec 14, 2018 | Public Review Date: Jun 7, 2019 | Final Action Date: Jun 8, 2020 | [Approved](#)
- ▶ ANSI/API Standard 618-2008 (R2016), Reciprocating Compressors for Petroleum, Chemical, and Gas Industry Services (reaffirm a national adoption ANSI/API 618-2008)  
PINS Date: Jan 28, 2011 | Public Review Date: Dec 26, 2014 | Final Action Date: Aug 3, 2016 | [Approved](#)
- ▶ ANSI/API Standard 619-2010 (R2022), Rotary-Type Positive Displacement Compressors for Petroleum, Petrochemical and Natural Gas Industries (reaffirm a national adoption ANSI/API Standard 619-2010)  
Public Review Date: Sep 30, 2022 | Final Action Date: Jan 9, 2023 | [Approved](#)
- ▶ ANSI/API Standard 662, Part 1-2011, Plate Heat Exchangers for General Refinery Services, Part 1 - Plate-and-Frame Heat Exchangers (identical national adoption of ISO 15547-1:2005)  
PINS Date: Nov 5, 2010 | Public Review Date: Dec 31, 2010 | Final Action Date: Feb 22, 2011 | [Approved](#)
- ▶ ANSI/API Standard RP 755-2019, Fatigue Risk Management Systems for Personnel in the Refining and Petrochemical Industries (revision of ANSI/API Standard RP 755-2010 (R2018))  
PINS Date: Dec 16, 2016 | Public Review Date: Nov 9, 2018 | Final Action Date: Mar 27, 2019 | [Approved](#)

**APTech (ASC B65) (Association for Print Technologies )**

450 10th Circle N, Nashville, TN 37203 | w: [www.printtechnologies.org](http://www.printtechnologies.org) □

- ▶ ANSI B65-1-2011 (R2022), Graphic Technology - Safety requirements for graphic technology equipment and systems - Part 1: General requirements (reaffirm a national adoption ANSI B65-1-2011)  
Public Review Date: Mar 4, 2022 | Final Action Date: Aug 24, 2022 | [Approved](#)
- ▶ ANSI B65-2-2011 (R2022), Graphic technology — Safety requirements for graphic technology equipment and systems — Part 2: Prepress and press equipment and systems (reaffirm a national adoption ANSI B65-2-2011)  
Public Review Date: Mar 4, 2022 | Final Action Date: Aug 24, 2022 | [Approved](#)

**APTech (ASC B65) (Association for Print Technologies )**

- ▶ ANSI B65-3-2011 (R2022), Graphic technology — Safety requirements for graphic technology equipment and systems — Part 3: Binding and finishing equipment and systems (reaffirm a national adoption ANSI B65-3-2011)  
Public Review Date: Mar 4, 2022 | Final Action Date: Aug 24, 2022 | [Approved](#)

- ▶ ANSI B65-5-2011 (R2022), Graphic technology — Safety requirements for graphic technology equipment and systems — Part 5: Stand-alone platen presses (reaffirm a national adoption ANSI B65-5-2011)  
Public Review Date: Mar 4, 2022 | Final Action Date: Aug 3, 2022 | [Approved](#)

- ▶ ANSI B65/NAPIM 177.1-2018, Safety standard Three-roll printing ink mills (revision of ANSI B65/NAPIM 177.1-2017)  
PINS Date: Jun 1, 2018 | Public Review Date: Aug 10, 2018 | Final Action Date: Nov 7, 2018 | [Approved](#)

- ▶ ANSI B65/NAPIM 177.2-2017, Safety standard - Printing ink vertical post mixers (revision of ANSI/NAPIM 177.2-2006 (R2011))  
PINS Date: Jan 20, 2017 | Public Review Date: Jul 21, 2017 | Final Action Date: Sep 15, 2017 | [Approved](#)

**APTech (ASC CGATS) (Association for Print Technologies )**

450 10th Circle N, Nashville, TN 37203 | w: [www.printtechnologies.org](http://www.printtechnologies.org) □

- ▶ ANSI CGATS 12642-1 (IT8.7/3)-2015 (R2020), Graphic technology — Input data for characterization of four-colour process printing — Part 1: Initial data set (reaffirm a national adoption ANSI CGATS 12642-1 (IT8.7/3)-2015)  
Public Review Date: Apr 24, 2020 | Final Action Date: Jun 23, 2020 | [Approved](#)

- ▶ ANSI CGATS 12642-2 (IT8.7/4)-2015 (R2020), Graphic technology - Input data for characterization of 4-colour process printing - Part 2: Expanded data set (reaffirm a national adoption ANSI CGATS 12642-2 (IT8.7/4)-2015)  
Public Review Date: Apr 24, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

- ▶ ANSI CGATS.17-2009 (R2020), Graphic Technology - Exchange Format For Colour And Process Control Data Using XML Or ASCII Text (reaffirm a national adoption ANSI CGATS.17-2009 (R2015))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

- ▶ ANSI CGATS.22-2022, Graphic technology — Spectral reflection metrology — Certified reference materials — Documentation and procedures for use, including determination of combined standard uncertainty (new standard)  
PINS Date: Jul 9, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Apr 5, 2022 | [Approved](#)

- ▶ ANSI CGATS.4-2021, Graphic technology — Graphic arts reflection densitometry measurements —Terminology, equations, image elements and procedures (revision of ANSI/CGATS.4-2011 (R2016))  
Public Review Date: Sep 17, 2021 | Final Action Date: Feb 28, 2022 | [Approved](#)

- ▶ ANSI CGATS.5-2018, Graphic technology Spectral measurement and colorimetric computation for graphic arts images (identical national adoption of ISO 13655 and revision of ANSI CGATS.5-2009)  
PINS Date: Jan 19, 2018 | Public Review Date: Apr 13, 2018 | Final Action Date: Jun 22, 2018 | [Approved](#)

- ▶ ANSI CGATS.9-2019, Graphic technology Graphic arts transmission densitometry measurements Terminequations, image elements and procedures (revision of ANSI CGATS.9-2007 (R2012))  
PINS Date: Sep 21, 2018 | Public Review Date: Dec 21, 2018 | Final Action Date: Oct 24, 2019 | [Approved](#)

- ▶ ANSI CGATS/ISO 12640-1-2007 (R2021), Graphic technology — Prepress digital data exchange — Part 1: CMYK standard colour image data (CMYK/SCID) (reaffirmation of ANSI CGATS/ISO 12640-1-2007 (R2015))  
Public Review Date: Feb 12, 2021 | Final Action Date: Apr 16, 2021 | [Approved](#)

- ▶ ANSI CGATS/ISO 12640-2-2022, Graphic Technology - Prepress Digital Data Exchange - Part 2: XYX/SRGB Encoded StandardColour Image Data (XYZ/SCID)) (national adoption of ISO 12640-2 with modifications and revision of ANSI CGATS/ISO 12640-2-2007 (R2013))  
Public Review Date: Aug 13, 2021 | Final Action Date: Sep 26, 2022 | [Approved](#)

**APTech (ASC CGATS) (Association for Print Technologies )**

- ▶ ANSI CGATS/ISO 12641-1-2018, Graphic technology - Prepress digital data exchange - Colour targets for input scanner calibration - Part 1: Colour targets for input scanner calibration (identical national adoption of ISO 12641-1)  
PINS Date: Aug 11, 2017 | Public Review Date: Oct 6, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI CGATS/ISO 15930-1-2004/ISO 15930-1-2001 (R2022), Graphic technology - Prepress digital data exchange - Use of PDF - Part 1: Complete exchange using CMYK data (PDF/X-1 and PDF/X-1a) (reaffirm a national adoption ANSI CGATS/ISO 15930-1-2004/ISO 15930-1-2001 (R2017))  
Public Review Date: Sep 9, 2022 | Final Action Date: Nov 11, 2022 | [Approved](#)

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- ▶ ANSI CGATS/ISO 15930-3-2004/ISO 15930-3-2002 (R2022), Graphic technology - Prepress digital data exchange - Use of PDF - Part 3: Complete exchange suitable for color managed workflows (PDF/X-3) (reaffirm a national adoption ANSI CGATS/ISO 15930-3-2004/ISO 15930-3-2002 (R2013))  
Public Review Date: Feb 19, 2021 | Final Action Date: Apr 6, 2022 | [Approved](#)

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- ▶ ANSI CGATS/ISO 15930-6-2022, Graphic technology — Prepress digital data exchange using PDF — Part 6: Complete exchange printing data suitable for colour-manage workflows using PDF 1.4 (PDF/X-3) (national adoption of ISO 15930-6 with modifications and revision of ANSI/CGATS/ISO 15930-6-2004 (R2018))  
Public Review Date: Oct 1, 2021 | Final Action Date: Apr 6, 2022 | [Approved](#)

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- ▶ ANSI IT8.6-2017 (R2022), Graphic technology — Prepress digital data exchange — Diecutting data (DDES3) (reaffirmation of ANSI IT8.6-2017)  
Public Review Date: Feb 11, 2022 | Final Action Date: Apr 5, 2022 | [Approved](#)

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- ▶ ANSI IT8.7/5-2019, Graphic technology Input data for characterization of 4-color process printing Extended data set (new standard)  
PINS Date: Oct 6, 2017 | Public Review Date: Jun 29, 2018 | Final Action Date: Apr 12, 2019 | [Approved](#)

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- ▶ ANSI/CGATS 21-1-2013 (R2021), Graphic technology — Printing from digital data across multiple technologies — Part 1: Principles (reaffirmation of ANSI/CGATS 21-1-2013)  
Public Review Date: Dec 20, 2019 | Final Action Date: Apr 8, 2021 | [Approved](#)

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- ▶ ANSI/CGATS 21-2-2013, Graphic technology - Printing from digital data across multiple technologies - Part 2: Reference characterization data-2012 (new standard)  
PINS Date: Sep 21, 2012 | Public Review Date: Nov 9, 2012 | Final Action Date: Mar 7, 2013 | [Approved](#)

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- ▶ ANSI/CGATS 21-2-2021, Graphic technology — Printing from digital data across multiple technologies — Part 2: Reference characterization data (revision of ANSI/CGATS 21-2-2013)  
PINS Date: Jul 24, 2020 | Public Review Date: Feb 5, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)

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- ▶ ANSI/CGATS ISO 12639-2004 (R2019), Graphic technology -- Prepress digital data exchange -- Tag image file format for image technology (TIFF/IT) (reaffirm a national adoption ANSI/CGATS ISO 12639-2004 (R2013))  
Public Review Date: Sep 14, 2018 | Final Action Date: Mar 14, 2019 | [Approved](#)

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- ▶ ANSI/CGATS/ISO 12639 Amd1-2006, Graphic technology - Prepress digital data exchange - Tag image file format for image technology (TIFF/IT) - Amendment 1 (identical national adoption of ISO 12639:2004 AMD1)  
Public Review Date: Feb 24, 2006 | Final Action Date: Jun 14, 2006 | [Approved](#)

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- ▶ ANSI/CGATS/ISO 12640-3-2007 (R2021), Graphic technology Prepress digital data exchange -- Part 3: CIELAB standard colour image data (CIELAB/SCID) (reaffirm a national adoption ANSI/CGATS/ISO 12640-3-2007 (R2016))  
Public Review Date: Jul 9, 2021 | Final Action Date: Sep 7, 2021 | [Approved](#)

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- ▶ ANSI/CGATS/ISO 12640-4-2012 (R2018), Graphic technology Prepress digital data exchange Part 4: Wide gamut display-referred standard colour image data [Adobe RGB (1998)/SCID] (reaffirm a national adoption ANSI CGATS/ISO 12640-4-2012)  
Public Review Date: Feb 9, 2018 | Final Action Date: Apr 17, 2018 | [Approved](#)

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**APTech (ASC CGATS) (Association for Print Technologies )**

- ▶ ANSI/CGATS/ISO 12646-2017, Graphic technology - Displays for colour proofing - Characteristics (identical national adoption of ISO 12646:2015 and revision of ANSI/CGATS/ISO 12646-2008)  
PINS Date: Jan 15, 2016 | Public Review Date: Mar 18, 2016 | Final Action Date: Jan 23, 2017 | [Approved](#)
- ▶ ANSI/CGATS/ISO 12646/Amd 1:2008, Graphic technology - Displays for colour proofing - Characteristics and viewing conditions AMENDMENT 1 (identical national adoption of ISO 12646:2008/Amd 1:2010)  
PINS Date: Sep 10, 2010 | Public Review Date: Nov 5, 2010 | Final Action Date: Jan 13, 2011 | [Approved](#)
- ▶ ANSI/CGATS/ISO 15790-2005 (R2013), Graphic technology and photography - Certified reference materials for reflection and transmission metrology - Documentation and procedures for use, including determination of combined standard uncertainty (reaffirm a national adoption ANSI/CGATS/ISO 15790-2005 (R2007))  
Public Review Date: Nov 9, 2012 | Final Action Date: Jan 29, 2013 | [Approved](#)
- ▶ ANSI/CGATS/ISO 15930-4-2004 (R2021), Graphic technology — Prepress digital data exchange using PDF — Part 4: Complete exchange of CMYK and spot colour printing data using PDF 1.4 (PDF/X-1a) (reaffirm a national adoption ANSI/CGATS/ISO 15930-4-2004 (R2018))  
Public Review Date: Feb 26, 2021 | Final Action Date: Sep 27, 2021 | [Approved](#)
- ▶ ANSI/CGATS/ISO 15930-7-2010 (R2021), Graphic technology — Prepress digital data exchange using PDF Part 7: Complete exchange of printing data (PDF/X4) and partial exchange of printing data with external profile reference (PDF/X4p) using PDF 1.6 (reaffirm a national adoption ANSI/CGATS/ISO 15930-7-2010 (R2016))  
Public Review Date: Jul 9, 2021 | Final Action Date: Sep 7, 2021 | [Approved](#)
- ▶ ANSI/CGATS/ISO 15930-8-2010 (R2021), Graphic technology — Prepress digital data exchange using PDF — Part 8: Partial exchange of printing data using PDF 1.6 (PDF/X5) (reaffirm a national adoption ANSI/CGATS/ISO 15930-8-2010 (R2016))  
Public Review Date: Jul 9, 2021 | Final Action Date: Sep 7, 2021 | [Approved](#)

**ARESCA (American Renewable Energy Standards and Certification Association)**

256 Farrell Farm Road, Norwich, VT 05055 | w: [www.aresca.us](http://www.aresca.us)

- ▶ ANSI/ARESCA 61400-12-1-2022, Wind energy generation systems - Part 12-1: Power performance measurement of electricity producing wind turbines (identical national adoption of IEC 61400-12-1:2023)  
PINS Date: Sep 9, 2022 | Public Review Date: Oct 28, 2022 | Final Action Date: Dec 29, 2022 | [Approved](#)
- ▶ ANSI/ARESCA 61400-12-2-2022, Wind energy generation systems - Part 12-2: Power performance of electricity producing wind turbines based on nacelle anemometry (identical national adoption of IEC 61400-12-2:2023)  
PINS Date: Sep 9, 2022 | Public Review Date: Oct 28, 2022 | Final Action Date: Dec 29, 2022 | [Approved](#)
- ▶ ANSI/ARESCA 61400-12-3-2022, Wind energy generation systems - Part 12-3: Power Performance - Measurement Based Site Calibration (identical national adoption of IEC 61400-12-3:2023)  
PINS Date: Sep 9, 2022 | Public Review Date: Oct 28, 2022 | Final Action Date: Dec 29, 2022 | [Approved](#)
- ▶ ANSI/ARESCA 61400-12-4-2022, Wind energy generation systems - Part 12-4: Numerical site calibration for power performance testing of wind turbines (identical national adoption of IEC TR 61400-12-4:2020)  
PINS Date: Apr 22, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)
- ▶ ANSI/ARESCA 61400-12-5-2022, Wind energy generation systems - Part 12-5: Power performance - Assessment of obstacles and terrain (identical national adoption of IEC 61400-12-5:2023)  
PINS Date: Sep 9, 2022 | Public Review Date: Oct 28, 2022 | Final Action Date: Dec 29, 2022 | [Approved](#)
- ▶ ANSI/ARESCA 61400-12-6-2022, Wind energy generation systems - Part 12-6: Measurement based nacelle transfer function of electricity producing wind turbines (identical national adoption of IEC 61400-12-6:2023)  
PINS Date: Sep 9, 2022 | Public Review Date: Oct 28, 2022 | Final Action Date: Dec 29, 2022 | [Approved](#)

**ARESCA (American Renewable Energy Standards and Certification Association)**

- ▶ ANSI/ARESCA 61400-15-1-2022, Wind energy generation systems - Part 15-1: Site suitability input conditions for wind power plants (identical national adoption of IEC 61400-15-1:2022)  
PINS Date: Apr 22, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)

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- ▶ ANSI/ARESCA 61400-15-2-2022, Wind energy generation systems - Part 15-2: Framework for assessment and reporting of the wind resource and energy yield (identical national adoption of IEC 61400-15-2:2023)  
PINS Date: Jun 17, 2022 | Public Review Date: Aug 19, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)

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- ▶ ANSI/ARESCA 61400-25-1-2022, Wind energy generation systems - Part 25-1: Communications for monitoring and control of wind power plants - Overall description of principles and models (identical national adoption of IEC 61400-25-1:2017)  
PINS Date: Apr 22, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)

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- ▶ ANSI/ARESCA 61400-25-2-2022, Wind energy generation systems - Part 25-2: Communications for monitoring and control of wind power plants - Information models (identical national adoption of IEC 61400-25-2:2015)  
PINS Date: Apr 22, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)

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- ▶ ANSI/ARESCA 61400-25-3-2022, Wind energy generation systems - Part 25-3: Communications for monitoring and control of wind power plants - Information exchange models (identical national adoption of IEC 61400-25-3:2015)  
PINS Date: Apr 22, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)

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- ▶ ANSI/ARESCA 61400-25-4-2022, Wind energy generation systems - Part 25-4: Communications for monitoring and control of wind power plants - Mapping to communication profile (identical national adoption of IEC 61400-25-4:2016)  
PINS Date: Apr 22, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)

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- ▶ ANSI/ARESCA 61400-25-5-2022, Wind energy generation systems - Part 25-5: Communications for monitoring and control of wind power plants - Compliance testing (identical national adoption of IEC 61400-25-5:2017)  
PINS Date: Apr 22, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)

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- ▶ ANSI/ARESCA 61400-25-6-2022, Wind energy generation systems - Part 25-6: Communications for monitoring and control of wind power plants - Logical node classes and data classes for condition monitoring (identical national adoption of IEC 61400-25-6:2016)  
PINS Date: Apr 22, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)

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- ▶ ANSI/ARESCA 61400-25-71-2022, Wind energy generation systems - Part 25-71: Communications for monitoring and control of wind power plants - Configuration description language (identical national adoption of IEC TS 61400-25-71:2019)  
PINS Date: Apr 22, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)

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- ▶ ANSI/ARESCA 61400-26-4-2022, Wind energy generation systems - Part 26-4: Reliability for wind energy generating systems (identical national adoption of IEC TS 61400-26-4:2023)  
PINS Date: Jun 17, 2022 | Public Review Date: Aug 19, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)

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- ▶ ANSI/ARESCA 61400-27-1-2022, Wind energy generation systems - Part 27-1: Electrical simulation models - Generic models (identical national adoption of IEC 61400-27-1:2020)  
PINS Date: Apr 22, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)

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- ▶ ANSI/ARESCA 61400-27-2-2022, Wind energy generation systems - Part 27-2: Electrical simulation models - Model validation (identical national adoption of IEC 61400-27-2:2020)  
PINS Date: Apr 22, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)

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- ▶ ANSI/ARESCA 61400-28-2022, Wind energy generation systems - Part 28: Through life management and life extension of wind power assets (identical national adoption of IEC TS 61400-28:2023)  
PINS Date: Jun 17, 2022 | Public Review Date: Aug 19, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)

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**ARESCA (American Renewable Energy Standards and Certification Association)**

- ▶ ANSI/ARESCA 61400-29-2022, Wind energy generation systems – Part 29: Marking and lighting of wind turbines (identical national adoption of IEC TS 61400-29:2023)  
PINS Date: Jun 17, 2022 | Public Review Date: Aug 19, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)
- ▶ ANSI/ARESCA 61400-3-1-2022, Wind energy generation systems - Part 3-1: Design requirements for fixed offshore wind turbines (identical national adoption of IEC 61400-3-1:2019)  
PINS Date: Feb 11, 2022 | Public Review Date: May 6, 2022 | Final Action Date: Sep 26, 2022 | [Approved](#)
- ▶ ANSI/ARESCA 61400-3-2-2022, Wind energy generation systems - Part 3-2: Design requirements for floating offshore wind turbines (identical national adoption of IEC TS 61400-3-2:2019)  
PINS Date: Feb 11, 2022 | Public Review Date: May 6, 2022 | Final Action Date: Sep 26, 2022 | [Approved](#)
- ▶ ANSI/ARESCA 61400-30-2022, Wind energy generation systems - Part 30: Safety of Wind Turbine Generator Systems (WTGs) - General principles for design (identical national adoption of IEC TS 61400-30:2023)  
PINS Date: Jun 17, 2022 | Public Review Date: Aug 19, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)
- ▶ ANSI/ARESCA 61400-31-2022, Wind energy generation systems - Part 31: Siting Risk Assessment (identical national adoption of IEC TS 61400-31:2023)  
PINS Date: Jun 17, 2022 | Public Review Date: Aug 19, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)
- ▶ ANSI/ARESCA 61400-5-2022, Wind energy generation systems - Part 5: Wind turbine blades (identical national adoption of IEC 61400-5:2020)  
PINS Date: Jun 17, 2022 | Public Review Date: Aug 19, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)
- ▶ ANSI/ARESCA 61400-5.1-2022, Wind energy generation systems - Part 5: Wind turbine blades - AMD1 (identical national adoption of IEC 61400-5:2020/AMD1:2023)  
PINS Date: Sep 9, 2022 | Public Review Date: Oct 28, 2022 | Final Action Date: Dec 29, 2022 | [Approved](#)
- ▶ ANSI/ARESCA 61400-50-3-2022, Wind energy generation systems - Part 50-3: Use of nacelle-mounted lidars for wind measurements (identical national adoption of IEC 61400-50-3:2022)  
PINS Date: Apr 22, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)
- ▶ ANSI/ARESCA 61400-8-2022, Wind energy generation systems - Part 8: Design of wind turbine structural components (identical national adoption of IEC 61400-8:2023)  
PINS Date: Jun 17, 2022 | Public Review Date: Aug 19, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)

**ASA (ASC S1) (Acoustical Society of America)**

1305 Walt Whitman Road, Suite 110, Melville, NY 11747 | w: [www.acousticalsociety.org](http://www.acousticalsociety.org)

- ▶ ANSI/ASA S1.1-2013 (R2020), Acoustical Terminology (reaffirmation of ANSI/ASA S1.1-2013)  
Public Review Date: Mar 20, 2020 | Final Action Date: May 28, 2020 | [Approved](#)
- ▶ ANSI/ASA S1.11-2014/Part 1/IEC 61260-1-2014 (R2019), Electroacoustics - Octave-band and Fractional-octave band Filters - Part 1: Specifications (a nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S1.11-2014/Part 1/IEC 61260-1:2014)  
Public Review Date: Jun 14, 2019 | Final Action Date: Aug 9, 2019 | [Approved](#)
- ▶ ANSI/ASA S1.11-2016/Part 2/IEC 61260-2:2016 (R2020), Electroacoustics - Octave-Band and Fractional-Octave-Band Filters - Part 2: Pattern-Evaluation Tests (reaffirm a national adoption ANSI/ASA S1.11-2016/Part 2/IEC 61260-2:2016)  
Public Review Date: Mar 20, 2020 | Final Action Date: May 28, 2020 | [Approved](#)
- ▶ ANSI/ASA S1.11-2016/Part 3/IEC 61260-3:2016 (R2020), Electroacoustics - Octave-Band and Fractional-Octave Band Filters, Part 3: Periodic Tests (reaffirm a national adoption ANSI/ASA S1.11-2016/Part 3/IEC 61260-3:2016)  
Public Review Date: Mar 20, 2020 | Final Action Date: May 28, 2020 | [Approved](#)

**ASA (ASC S1) (Acoustical Society of America)**

- ▶ ANSI/ASA S1.13-2020, Measurement of Sound Pressure Levels in the Air (new standard)  
PINS Date: Jun 26, 2015 | Public Review Date: May 22, 2020 | Final Action Date: Jul 28, 2020 | [Approved](#)

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- ▶ ANSI/ASA S1.14-1998 (R2018), Recommendations for Specifying and Testing the Susceptibility of Acoustical Instruments to Radiated Radio-frequency Electromagnetic Fields, 25 MHz to 1 GHz (reaffirmation of ANSI/ASA S1.14-1998 (R2013))  
Public Review Date: Aug 10, 2018 | Final Action Date: Oct 5, 2018 | [Approved](#)

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- ▶ ANSI/ASA S1.15 Part 5-2021/IEC 61094-5-2016, Electroacoustics - Measurement microphones - Part 5: Methods for pressure calibration of working standard microphones by comparison (identical national adoption of IEC 61094-5:2016)  
PINS Date: Jan 1, 2021 | Public Review Date: Apr 16, 2021 | Final Action Date: Jul 12, 2021 | [Approved](#)

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- ▶ ANSI/ASA S1.15, Part 1-2021/IEC 61094-1-2000, Electroacoustics - Measurement microphones - Part 1: Specifications for laboratory standard microphones (identical national adoption of IEC 61094-1:2000)  
PINS Date: Jan 1, 2021 | Public Review Date: Apr 9, 2021 | Final Action Date: Jun 8, 2021 | [Approved](#)

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- ▶ ANSI/ASA S1.15, Part 2-2021/IEC 61094-2-2009, Electroacoustics - Measurement microphones - Part 2: Primary method for pressure calibration of laboratory standard microphones by the reciprocity technique (identical national adoption of IEC 61094-2:2009 and revision of ANSI/ASA S1.15-2005/Part 2 (R2020))  
PINS Date: Jan 1, 2021 | Public Review Date: Apr 9, 2021 | Final Action Date: Jun 8, 2021 | [Approved](#)

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- ▶ ANSI/ASA S1.15, Part 3-2021/IEC 61094-3-2016, Electroacoustics - Measurement microphones - Part 3: Primary method for free-field calibration of laboratory standard microphones by the reciprocity technique (identical national adoption of IEC 61094-3:2016)  
PINS Date: Jan 1, 2021 | Public Review Date: Apr 16, 2021 | Final Action Date: Jul 12, 2021 | [Approved](#)

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- ▶ ANSI/ASA S1.15, Part 4-2021/IEC 61094-4-1995, Electroacoustics - Measurement microphones - Part 4: Specifications for working standard microphones (identical national adoption of IEC 61094-4:1995)  
PINS Date: Jan 1, 2021 | Public Review Date: Apr 16, 2021 | Final Action Date: Jul 12, 2021 | [Approved](#)

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- ▶ ANSI/ASA S1.15, Part 6-2021/IEC 61094-6-2004, Electroacoustics - Measurement microphones - Part 6: Electrostatic actuators for determination of frequency response (identical national adoption of IEC 61094-6:2004)  
PINS Date: Jan 1, 2021 | Public Review Date: Apr 16, 2021 | Final Action Date: Jul 12, 2021 | [Approved](#)

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- ▶ ANSI/ASA S1.15, Part 7-2021/IEC TS 61094-7-2006, Electroacoustics - Measurement microphones - Part 7: Values for the difference between free field and pressure sensitivity levels of laboratory standard microphones (identical national adoption of IEC TS 61094-7:2006)  
PINS Date: Jan 1, 2021 | Public Review Date: Apr 16, 2021 | Final Action Date: Jul 12, 2021 | [Approved](#)

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- ▶ ANSI/ASA S1.15, Part 8-2021/IEC 61094-8-2012, Electroacoustics - Measurement microphones - Part 8: Methods for determining the free-field sensitivity of working standard microphones by comparison (identical national adoption of IEC 61094-8:2012)  
PINS Date: Jan 1, 2021 | Public Review Date: Apr 16, 2021 | Final Action Date: Jul 12, 2021 | [Approved](#)

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- ▶ ANSI/ASA S1.16-2000 (R2020), Method for Measuring the Performance of Noise Discriminating and Noise Canceling Microphones (reaffirmation of ANSI/ASA S1.16-2000 (R2015))  
Public Review Date: Mar 20, 2020 | Final Action Date: May 28, 2020 | [Approved](#)

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- ▶ ANSI/ASA S1.17-2014/Part 1 (R2019), Microphone Windscreens - Part 1: Test Procedures for Measurements of Insertion Loss in Still Air (reaffirmation of ANSI/ASA S1.17-2014/Part 1)  
Public Review Date: Mar 22, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/ASA S1.18-2018, Method for Determining the Acoustic Impedance of Ground Surfaces (revision of ANSI/ASA S1.18-2010)  
PINS Date: Apr 4, 2014 | Public Review Date: Sep 7, 2018 | Final Action Date: Oct 31, 2018 | [Approved](#)

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**ASA (ASC S1) (Acoustical Society of America)**

- ▶ ANSI/ASA S1.20-2012 (R2020), Procedures for Calibration of Underwater Electroacoustic Transducers (reaffirmation of ANSI/ASA S1.20-2012)

Public Review Date: Mar 20, 2020 | Final Action Date: May 28, 2020 | [Approved](#)

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- ▶ ANSI/ASA S1.22-2021/IEC 60263-2020, Scales and sizes for plotting frequency characteristics and polar diagrams (identical national adoption of IEC 60263:2020)

PINS Date: Dec 4, 2020 | Public Review Date: Jan 8, 2021 | Final Action Date: Mar 8, 2021 | [Approved](#)

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- ▶ ANSI/ASA S1.25-1991 (R2020), Specification for Personal Noise Dosimeters (reaffirmation of ANSI/ASA S1.25-1991 (R2017))

Public Review Date: Mar 20, 2020 | Final Action Date: May 28, 2020 | [Approved](#)

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- ▶ ANSI/ASA S1.26-2014 (R2019), Methods for Calculation of the Absorption of Sound by the Atmosphere (reaffirmation of ANSI/ASA S1.26-2014)

Public Review Date: Aug 30, 2019 | Final Action Date: Nov 1, 2019 | [Approved](#)

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- ▶ ANSI/ASA S1.4-2014/Part 1/IEC 61672-1-2013 (R2019), Electroacoustics - Sound Level Meters - Part 1: Specifications (a nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S1.4-2014/Part 1/IEC 61672-1:2013)

Public Review Date: Jun 14, 2019 | Final Action Date: Aug 13, 2019 | [Approved](#)

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- ▶ ANSI/ASA S1.4-2014/Part 2/Amd.1-2019/IEC 61672-2-2013/Amd.1-2017, Amendment 1 - Electroacoustics - Sound Level Meters - Part 2: Pattern Evaluation Tests (identical national adoption of IEC 61672-2:2013/Amd1:2017)

PINS Date: Apr 5, 2019 | Public Review Date: Jun 14, 2019 | Final Action Date: Aug 13, 2019 | [Approved](#)

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- ▶ ANSI/ASA S1.4-2014/Part 2/IEC 61672-2-2013 (R2019), Electroacoustics - Sound Level Meters - Part 2: Pattern Evaluation Tests (a nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S1.4-2014/Part 2/IEC 61672-2:2013)

Public Review Date: Jun 14, 2019 | Final Action Date: Aug 13, 2019 | [Approved](#)

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- ▶ ANSI/ASA S1.4-2014/Part 3/IEC 61672-3-2013 (R2019), Electroacoustics - Sound Level Meters - Part 3: Periodic Tests (a nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S1.4-2014/Part 3/IEC 61672-3:2013)

Public Review Date: Jun 14, 2019 | Final Action Date: Aug 13, 2019 | [Approved](#)

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- ▶ ANSI/ASA S1.40-2006 (R2020), Specifications and Verification Procedures for Sound Calibrators (reaffirmation of ANSI/ASA S1.40-2006 (R2016))

Public Review Date: Mar 20, 2020 | Final Action Date: May 28, 2020 | [Approved](#)

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- ▶ ANSI/ASA S1.42-2020, Design Response of Weighting Networks for Acoustical Measurement (revision of ANSI/ASA S1.42-2001 (R2016))

PINS Date: Jun 8, 2018 | Public Review Date: Jul 12, 2019 | Final Action Date: Feb 21, 2020 | [Approved](#)

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- ▶ ANSI/ASA S1.6-2020, Preferred Frequencies and Filter Band Center Frequencies for Acoustical Measurements (reaffirmation of ANSI ASA S1.6-2016)

Public Review Date: Mar 20, 2020 | Final Action Date: May 28, 2020 | [Approved](#)

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- ▶ ANSI/ASA S1.8-2016 (R2020), Reference Values for Levels Used in Acoustics and Vibrations (reaffirmation of ANSI/ASA S1.8-2016)

Public Review Date: Mar 20, 2020 | Final Action Date: May 28, 2020 | [Approved](#)

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**ASA (ASC S12) (Acoustical Society of America)**

1305 Walt Whitman Road, Suite 110, Melville, NY 11747 | w: [www.acousticalsociety.org](http://www.acousticalsociety.org)

- ▶ ANSI/ASA S12.1-1983 (R2020), Guidelines for the Preparation of Standard Procedures to Determine the Noise Emission from Sources (reaffirmation of ANSI/ASA S12.1-1983 (R2016))

Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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**ASA (ASC S12) (Acoustical Society of America)**

- ▶ ANSI/ASA S12.10-2010/Part 1 (R2020), Acoustics - Measurement of Airborne Noise Emitted by Information Technology and Telecommunications Equipment - Part 1: Determination of Sound Power Level and Emission Sound Pressure Level (reaffirmation of ANSI/ASA S12.10-2010/Part 1)  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)
- ▶ ANSI/ASA S12.10-2011/Part 2 (R2020), Acoustics - Measurement of Airborne Noise Emitted by Information Technology and Telecommunications Equipment - Part 2: Declaration of Noise Emission Levels (reaffirmation of ANSI/ASA S12.10-2011/Part 2)  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)
- ▶ ANSI/ASA S12.11 PART 2-2013, ISO 10302-2:2011 (R2018), Acoustics - Measurement of airborne noise emitted and structure-borne vibration induced by small air-moving devices - Part 2: Structure-borne vibration measurements (a nationally adopted international standard) (reaffirm a national adoption ANSI ASA S12.11 PT 2-2013, ISO 10302-2:2011)  
Public Review Date: Apr 13, 2018 | Final Action Date: Jul 13, 2018 | [Approved](#)
- ▶ ANSI/ASA S12.11-2013/Part 1/ISO 10302-1:2011 (R2018), Acoustics - Measurement of airborne noise emitted and structure-borne vibration induced by small air-moving devices - Part 1: Airborne noise measurement (a nationally adopted international standard) (reaffirm a national adoption ANSI ASA S12.11-2013/Part 1/ISO 10302-1:2011)  
Public Review Date: Apr 13, 2018 | Final Action Date: Jul 13, 2018 | [Approved](#)
- ▶ ANSI/ASA S12.12-1992 (R2020), Engineering Method for the Determination of Sound Power Levels of Noise Sources Using Sound Intensity (reaffirmation of ANSI/ASA S12.12-1992 (R2017))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)
- ▶ ANSI/ASA S12.14-1992 (R2020), Methods for the Field Measurement of the Sound Output of Audible Public Warning Devices Installed at Fixed Locations Outdoors (reaffirmation of ANSI/ASA S12.14-1992 (R2012))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)
- ▶ ANSI/ASA S12.15-1992 (2016) (R2020), Acoustics - Portable Electric Power Tools, Stationary and Fixed Electric Power Tools, and Gardening Appliances - Measurement of Sound Emitted (reaffirmation of ANSI/ASA S12.15-1992 (2016))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)
- ▶ ANSI/ASA S12.17-1996 (R2020), Impulse Sound Propagation for Environmental Noise Assessment (reaffirmation of ANSI/ASA S12.17-1996 (R2016))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)
- ▶ ANSI/ASA S12.18-1994 (R2019), Procedures for Outdoor Measurement of Sound Pressure Level (reaffirmation of ANSI/ASA S12.18-1994 (R2009))  
PINS Date: Sep 18, 2015 | Public Review Date: Mar 22, 2019 | Final Action Date: May 10, 2019 | [Approved](#)
- ▶ ANSI/ASA S12.19-1996 (R2020), Measurement of Occupational Noise Exposure (reaffirmation of ANSI/ASA S12.19-1996 (R2016))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)
- ▶ ANSI/ASA S12.2-2019, Criteria for Evaluating Room Noise (new standard)  
PINS Date: Jan 24, 2014 | Public Review Date: Mar 29, 2019 | Final Action Date: May 21, 2019 | [Approved](#)
- ▶ ANSI/ASA S12.23-1989 (R2020), Method for the Designation of Sound Power Emitted by Machinery and Equipment (reaffirmation of ANSI/ASA S12.23-1989 (R2016))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)
- ▶ ANSI/ASA S12.3-1985 (R2020), Statistical Methods for Determining and Verifying Stated Noise Emission Values of Machinery and Equipment (reaffirmation of ANSI/ASA S12.3-1985 (R2016))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

**ASA (ASC S12) (Acoustical Society of America)**

- ▶ ANSI/ASA S12.42-2010 (R2020), Standard Methods for the Measurement of Insertion Loss of Hearing Protection Devices in Continuous or Impulsive Noise Using Microphone-in-Real-Ear or Acoustic Test Fixture Procedures (reaffirmation of ANSI/ASA S12.42-2010)  
Public Review Date: Nov 8, 2019 | Final Action Date: Jan 6, 2020 | [Approved](#)
- ▶ ANSI/ASA S12.43-1997 (R2020), Methods for Measurement of Sound Emitted by Machinery and Equipment at Workstations and Other Specified Positions (reaffirmation of ANSI/ASA S12.43-1997 (R2017))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)
- ▶ ANSI/ASA S12.44-1997 (R2020), Standard Methods for Calculation of Sound Emitted by Machinery and Equipment at Workstations and Other Specified Positions from Sound Power Level (reaffirmation of ANSI/ASA S12.44-1997 (R2017))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)
- ▶ ANSI/ASA S12.5-2016/ISO 6926-2016 (R2020), Acoustics - Requirements for the Performance and Calibration of Reference Sound Sources Used for the Determination of Sound Power Levels (reaffirm a national adoption ANSI ASA S12.5-2016/ISO 6926-2016)  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)
- ▶ ANSI/ASA S12.50-2002/ISO 3740-2000 (R2020), Acoustics - Determination of sound power levels of noise sources - Guidelines for the use of basic standards (reaffirm a national adoption ANSI/ASA S12.50-2002/ISO 3740-2000 (R2017))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)
- ▶ ANSI/ASA S12.51-2012/ISO 3741-2010 (R2020), Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Precision methods for reverberation test rooms (reaffirm a national adoption ANSI ASA S12.51-2012/ISO 3741-2010 (R2017))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)
- ▶ ANSI/ASA S12.53-1999/Part 2/ISO 3743-2-1994 (R2020), Acoustics - Determination of sound power levels of noise sources using sound pressure - Engineering methods for small, movable sources in reverberant fields - Part 2: Methods for special reverberation test rooms. (reaffirm a national adoption ANSI/ASA S12.53-1999/Part 2/ISO 3743-2-1994 (R2015))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)
- ▶ ANSI/ASA S12.53-2011/Part 1/ISO 3743-1:2010 (R2020), Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering methods for small movable sources in reverberant fields - Part 1: Comparison method for a hard-walled test room (reaffirm a national adoption ANSI/ASA S12.53-2011/Part 1/ISO 3743-1:2010 (R2016))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)
- ▶ ANSI/ASA S12.54-2011/ISO 3744-2010 (R2020), Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering methods for an essentially free field over a reflecting plane (reaffirm a national adoption ANSI/ASA S12.54-2011/ISO 3744-2010 (R2016))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)
- ▶ ANSI/ASA S12.55-2012, ISO 3745:2012 (R2019), Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Precision methods for anechoic rooms and hemi-anechoic rooms (a nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S12.55-2012, ISO 3745:2012)  
Public Review Date: Jul 7, 2017 | Final Action Date: Jan 17, 2019 | [Approved](#)
- ▶ ANSI/ASA S12.55-2021/Amd.1-2021/ISO 3745-2021/Amd 1-2021, Acoustics — Determination of sound power levels and sound energy levels of noise sources using sound pressure — Precision methods for anechoic rooms and hemi-anechoic rooms - Amendment 1 (identical national adoption of ISO 3745:2012/Amd 1:2017)  
PINS Date: Mar 12, 2021 | Public Review Date: Jul 2, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

**ASA (ASC S12) (Acoustical Society of America)**

- ▶ ANSI/ASA S12.56-2011/ISO 3746:2010 (R2020), Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Survey method using an enveloping measurement surface over a reflecting plane (reaffirm a national adoption ANSI/ASA S12.56-2011/ISO 3746:2010 (R2016))

Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASA S12.57-2011/ISO 3747-2010 (R2020), Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering/survey methods for use in situ in a reverberant environment (reaffirm a national adoption ANSI/ASA S12.57-2011/ISO 3747-2010 (R2016))

Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASA S12.58-2012 (R2019), Sound Power Level Determination for Sources Using a Single-source Position (reaffirmation of ANSI ASA S12.58-2012)

Public Review Date: Jul 7, 2017 | Final Action Date: Jan 17, 2019 | [Approved](#)

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- ▶ ANSI/ASA S12.6-2016 (R2020), Methods for Measuring the Real-Ear Attenuation of Hearing Protectors (reaffirmation of ANSI/ASA S12.6-2016)

Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASA S12.60-2009/Part 2 (R2020), Acoustical Performance Criteria, Design Requirements, and Guidelines for Schools, Part 2: Relocatable Classroom Factors (reaffirmation of ANSI/ASA S12.60-2009/Part 2 (R2014))

Public Review Date: Aug 30, 2019 | Final Action Date: Jan 6, 2020 | [Approved](#)

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- ▶ ANSI/ASA S12.60-2019/Part 4, Acoustical Performance Criteria, Design Requirements, and Guidelines for Schools, Part 4: Acoustic Standards for Physical Education Teaching Environments (new standard)

PINS Date: Jul 29, 2016 | Public Review Date: Jun 7, 2019 | Final Action Date: Jul 29, 2019 | [Approved](#)

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- ▶ ANSI/ASA S12.60/Part 1-2010 (R2020), Standard Acoustical Performance Criteria, Design Requirements, and Guidelines for Schools - Part 1: Permanent Schools (reaffirmation of ANSI/ASA S12.60/Part 1-2010 (R2015))

Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASA S12.61-2020, Declaration and Verification of Noise Emission Values of Machinery, Equipment, and Products (new standard)

PINS Date: Oct 18, 2019 | Public Review Date: May 29, 2020 | Final Action Date: Jul 31, 2020 | [Approved](#)

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- ▶ ANSI/ASA S12.62-2012/ISO 9613-2:1996 (MOD) (R2020), Acoustics - Attenuation of sound during propagation outdoors - Part 2: General method of calculation (a modified nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S12.62-2012/ISO 9613-2:1996 (MOD) (R2017))

Public Review Date: Mar 27, 2020 | Final Action Date: Jun 22, 2020 | [Approved](#)

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- ▶ ANSI/ASA S12.64-2009/Part 1 (R2019), Quantities and Procedures for Description and Measurement of Underwater Sound from Ships - Part 1: General Requirements (reaffirmation of ANSI/ASA S12.64-2009/Part 1 (R2014))

Public Review Date: Aug 30, 2019 | Final Action Date: Nov 1, 2019 | [Approved](#)

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- ▶ ANSI/ASA S12.65-2006 (R2020), Rating Noise with Respect to Speech Interference (reaffirmation of ANSI/ASA S12.65-2006 (R2011))

Public Review Date: Mar 27, 2020 | Final Action Date: Jun 18, 2020 | [Approved](#)

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- ▶ ANSI/ASA S12.67-2008 (R2020), Pre-Installation Airborne Sound Measurements and Acceptance Criteria of Shipboard Equipment (reaffirmation of ANSI/ASA S12.67-2008 (R2013))

Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASA S12.68-2007 (R2020), Methods of Estimating Effective A-Weighted Sound Pressure Levels When Hearing Protectors are Worn (reaffirmation of ANSI/ASA S12.68-2007 (R2017))

Public Review Date: Mar 27, 2020 | Final Action Date: Jun 22, 2020 | [Approved](#)

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**ASA (ASC S12) (Acoustical Society of America)**

- ▶ ANSI/ASA S12.69-2010 (R2020), Procedure for Testing Railroad Horns ex situ (reaffirmation of ANSI/ASA S12.69-2010 (R2015))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 22, 2020 | [Approved](#)

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- ▶ ANSI/ASA S12.7-1986 (R2020), Methods for Measurement of Impulse Noise (reaffirmation of ANSI/ASA S12.7-1986 (R2015))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASA S12.70-2016 (R2020), Criteria for Evaluating Speech Privacy in Health Care Facilities (reaffirmation of ANSI/ASA S12.70-2016)  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASA S12.71-2018 (R2022), Performance Criteria for Systems that Estimate the Attenuation of Passive Hearing Protectors for Individual Users (reaffirmation of ANSI/ASA S12.71-2018)  
Public Review Date: Oct 21, 2022 | Final Action Date: Dec 8, 2022 | [Approved](#)

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- ▶ ANSI/ASA S12.72-2015 (R2020), Procedure for Measuring the Ambient Noise Level in a Room (reaffirmation of ANSI/ASA S12.72-2015)  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASA S12.75-2012 (R2020), Methods for the Measurement of Noise Emissions from High Performance Military Jet Aircraft (reaffirmation of ANSI ASA S12.75-2012)  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 22, 2020 | [Approved](#)

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- ▶ ANSI/ASA S12.76-2017 (R2020), Methods for Measurement of Supersonic Jet Noise from Uninstalled Military Aircraft Engines (reaffirmation of ANSI/ASA S12.76-2017)  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASA S12.79-2021/ISO 26101-2021, Acoustics — Test methods for the qualification of free-field environments (identical national adoption of ISO 26101:2017)  
PINS Date: Mar 12, 2021 | Public Review Date: Jul 2, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ ANSI/ASA S12.8-1998 (R2020), Standard Methods for Determining the Insertion Loss of Outdoor Noise Barriers (reaffirmation of ANSI/ASA S12.8-1998 (R2013))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASA S12.9-1992/Part 2 (R2018), Quantities and Procedures for Description and Measurement of Environmental Sound, Part 2: Measurement of Long-term, Wide-area Sound (reaffirmation of ANSI ASA S12.9-1992/Part 2 (R2013))  
Public Review Date: May 11, 2018 | Final Action Date: Jun 29, 2018 | [Approved](#)

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- ▶ ANSI/ASA S12.9-2007/Part 5 (R2020), Quantities and Procedures for Description and Measurement of Environmental Sound - Part 5: Sound Level Descriptors for Determination of Compatible Land Us (reaffirmation of ANSI/ASA S12.9-2007/Part 5 (R2017))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASA S12.9-2013/Part 1 (R2018), Quantities and Procedures for Description and Measurement of Environmental Sound - Part 1: Basic Quantities and Definitions (reaffirmation of ANSI ASA S12.9-2013/Part 1)  
Public Review Date: May 4, 2018 | Final Action Date: Jun 29, 2018 | [Approved](#)

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- ▶ ANSI/ASA S12.9-2013/Part 3 (R2018), Quantities and Procedures for Description and Measurement of Environmental Sound, Part 3: Short-term Measurements with an Observer Present (reaffirmation of ANSI ASA S12.9-2013/Part 3)  
Public Review Date: May 4, 2018 | Final Action Date: Jun 29, 2018 | [Approved](#)

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- ▶ ANSI/ASA S12.9-2016/Part 7 (R2020), Quantities and Procedures for Description and Measurement of Environmental Sound, Part 7: Measurement of Low Frequency Noise and Infrasound Outdoors in the Presence of Wind and Indoors in Occupied Spaces (reaffirmation of ANSI ASA S12.9-2016/Part 7)  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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**ASA (ASC S12) (Acoustical Society of America)**

- ▶ ANSI/ASA S12.9-2021/Part 4, Quantities and Procedures for Description and Measurement of Environmental Sound, Part 4: Noise Assessment and Prediction of Long-Term Community Response (revision of ANSI/ASA S12.9-2005/Part 4 (R2020))

PINS Date: Mar 5, 2010 | Public Review Date: Jul 9, 2021 | Final Action Date: Dec 16, 2021 | [Approved](#)

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**ASA (ASC S2) (Acoustical Society of America)**

1305 Walt Whitman Road, Suite 110, Melville, NY 11747 | w: [www.acousticalsociety.org](http://www.acousticalsociety.org)

- ▶ ANSI/ASA S2.1-2009 (R2020), ISO 2041-2009 (R2020), Standard Mechanical vibration, shock and condition monitoring -Vocabulary (reaffirm a national adoption ANSI/ASA S2.1-2009 (R2014), ISO 2041-2009 (R2014))  
Public Review Date: Apr 3, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

- ▶ ANSI/ASA S2.16-1997 (R2020), Vibratory Noise Measurements and Acceptance Requirements for Shipboard Equipment (reaffirmation of ANSI/ASA S2.16-1997 (R2016))  
Public Review Date: Apr 3, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

- ▶ ANSI/ASA S2.2-1959 (R2020), Methods for the Calibration of Shock and Vibration Pickups (reaffirmation of ANSI/ASA S2.2-1959 (R2016))  
Public Review Date: Apr 3, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

- ▶ ANSI/ASA S2.20-1983 (R2020), Estimating Air Blast Characteristics for Single Point Explosions in Air, with a Guide to Evaluation of Atmospheric Propagation and Effects (reaffirmation of ANSI/ASA S2.20-1983 (R2011))  
Public Review Date: Apr 3, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

- ▶ ANSI/ASA S2.21-1998 (R2020), Method for Preparation of a Standard Material for Dynamic Mechanical Measurements (reaffirmation of ANSI ASA S2.21-1998 (R2017))  
Public Review Date: Apr 3, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

- ▶ ANSI/ASA S2.22-1998 (R2020), Resonance Method for Measuring the Dynamic Mechanical Properties of Viscoelastic Materials (reaffirmation of ANSI ASA S2.22-1998 (R2017))  
Public Review Date: Apr 3, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

- ▶ ANSI/ASA S2.23-1998 (R2020), Single Cantilever Beam Method for Measuring the Dynamic Mechanical Properties of Viscoelastic Materials (reaffirmation of ANSI ASA S2.23-1998 (R2017))  
Public Review Date: Apr 3, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

- ▶ ANSI/ASA S2.24-2001 (R2020), Graphical Presentation of the Complex Modulus of Viscoelastic Materials (reaffirmation of ANSI/ASA S2.24-2001 (R2016))  
Public Review Date: Apr 3, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

- ▶ ANSI/ASA S2.25-2004 (R2020), Guide for the Measurement, Reporting, and Evaluation of Hull and Superstructure Vibration in Ships (reaffirmation of ANSI/ASA S2.25-2004 (R2014))  
Public Review Date: Apr 3, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

- ▶ ANSI/ASA S2.26-2001 (R2020), Vibration Testing Requirements and Acceptance Criteria for Shipboard Equipment (reaffirmation of ANSI/ASA S2.26-2001 (R2016))  
Public Review Date: Apr 3, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

- ▶ ANSI/ASA S2.27-2002 (R2020), Guidelines for the Measurement and Evaluation of Vibration of Ship Propulsion Machinery (reaffirmation of ANSI/ASA S2.27-2002 (R2014))  
Public Review Date: Apr 3, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

- ▶ ANSI/ASA S2.28-2009 (R2019), Guide for the Measurement and Evaluation of Broadband Vibration of Surface Ship Auxiliary Rotating Machinery (reaffirmation of ANSI/ASA S2.28-2009 (R2014))  
Public Review Date: Apr 5, 2019 | Final Action Date: Jun 3, 2019 | [Approved](#)
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**ASA (ASC S2) (Acoustical Society of America)**

- ▶ ANSI/ASA S2.29-2003 (R2019), Guide for the Measurement and Evaluation of Vibration of Machine Shafts on Shipboard Machinery (reaffirmation of ANSI/ASA S2.29-2003 (R2013))  
Public Review Date: Oct 26, 2018 | Final Action Date: Jan 17, 2019 | [Approved](#)

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- ▶ ANSI/ASA S2.31-1979 (R2020), Standard Methods for the Experimental Determination of Mechanical Mobility, Part 1: Basic Definitions and Transducers (reaffirmation of ANSI/ASA S2.31-1979 (R2020))  
Public Review Date: Apr 3, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASA S2.32-1982 (R2020), Standard Methods for the Experimental Determination of Mechanical Mobility, Part 2: Measurements Using Single-Point Translational Excitation (reaffirmation of ANSI/ASA S2.32-1982 (R2020))  
Public Review Date: Apr 3, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASA S2.34-1984 (R2020), Standard Guide to the Experimental Determination of Rotational Mobility Properties and the Complete Mobility Matrix (reaffirmation of ANSI/ASA S2.34-1984 (R2015))  
Public Review Date: Apr 3, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASA S2.4-1976 (R2020), Method for Specifying the Characteristics of Auxiliary Analog Equipment for Shock and Vibration Measurements (reaffirmation of ANSI/ASA S2.4-1976 (R2014))  
Public Review Date: Apr 3, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASA S2.46-1989 (R2020), Standard Characteristics to be Specified for Seismic Transducers (reaffirmation of ANSI/ASA S2.46-1989 (R2015))  
Public Review Date: Apr 3, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASA S2.61-1989 (R2020), Guide to Mechanical Mounting of Accelerometers (reaffirmation of ANSI/ASA S2.61-1989 (R2015))  
Public Review Date: Apr 3, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASA S2.62-2009 (R2019), Shock Test Requirements for Equipment in a Rugged Shock Environment (reaffirmation of ANSI/ASA S2.62-2009 (R2014))  
Public Review Date: Jun 14, 2019 | Final Action Date: Aug 15, 2019 | [Approved](#)

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- ▶ ANSI/ASA S2.70-2006 (R2020), Guide for the Measurement and Evaluation of Human Exposure to Vibration Transmitted to the Hand (reaffirmation of ANSI/ASA S2.70-2006 (R2016))  
Public Review Date: Apr 3, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASA S2.71-1983 (R2020), Standards Guide to the Evaluation of Human Exposure to Vibration in Buildings (reaffirmation of ANSI/ASA S2.71-1983 (R2012))  
Public Review Date: Apr 3, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASA S2.72-2002/Part 1 ISO 2631-1-1997 (R2018), Mechanical vibration and shock - Evaluation of human exposure to whole-body vibration - Part 1: General requirements (a nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S2.72-2002/Part 1 (R2012) ISO 2631-1-1997 (R2012))  
Public Review Date: Jul 28, 2017 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ ANSI/ASA S2.72-2003/Part 4 (R2018)/ISO 2631-4-2001 (R2018), Mechanical Vibration and Shock - Evaluation of Human Exposure to Whole-Body Vibration - Part 4: Guidelines for the Evaluation of the Effects of Vibration and Rotational Motion on Passenger and Crew Comfort in Fixed-Guideway Transport Systems (reaffirm a national adoption ANSI/ASA S2.72-2003/Part 4 (R2012)/ISO 2631-4-2001 (R2012))  
Public Review Date: Jul 28, 2017 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ ANSI/ASA S2.72/Part 1 Amd. 1-2010/ISO 2631-1 Amd. 1:2010 (R2018), Mechanical vibration and shock - Evaluation of human exposure to whole-body vibration - Part 1: General requirements - Amendment 1 (a nationally adopted international standard amendment) (reaffirm a national adoption ANSI/ASA S2.72-2002/Part 1 (R2012) ISO 2631-1-1997 (R2012))  
Public Review Date: Jul 28, 2017 | Final Action Date: Sep 11, 2018 | [Approved](#)

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**ASA (ASC S2) (Acoustical Society of America)**

- ▶ ANSI/ASA S2.72/Part 4 Amd. 1-2010/ISO 2631-4 Amd. 1:2010 (R2018), Mechanical vibration and shock - Evaluation of human exposure to whole-body vibration - Part 4: Guidelines for the evaluation of the effects of vibration and rotational motion on passenger and crew comfort in fixed-guideway transport systems, Amendment 1 (a Nationally Adopted International Standard Amendment) (reaffirm a national adoption ANSI/ASA S2.72/Part 4 Amd. 1-2010/ISO 2631-4 Amd. 1:2010 (R2012))

Public Review Date: Jul 28, 2017 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ ANSI/ASA S2.73 Amd.1-2019/ISO 10819 Amd.1-2019, Mechanical vibration and shock – Hand-arm vibration – Measurement and evaluation of the vibration transmissibility of gloves at the palm of the hand – Amendment 1 (identical national adoption of ISO 10819 Amd.1:2019)

PINS Date: Mar 22, 2019 | Public Review Date: Jun 28, 2019 | Final Action Date: Aug 16, 2019 | [Approved](#)

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- ▶ ANSI/ASA S2.73-2013/ISO 10819:2013 (R2019), Mechanical Vibration and Shock - Hand-arm Vibration - Measurement and Evaluation of the Vibration Transmissibility of Gloves at the Palm of the Hand (a nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S2.73-2013/ISO 10819:2013)

Public Review Date: Feb 22, 2019 | Final Action Date: May 3, 2019 | [Approved](#)

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- ▶ ANSI/ASA S2.75-2017/Part 1 (R2020), Shaft Alignment Methodology, Part 1: General Principles, Methods, Practices, and Tolerances (reaffirmation of ANSI ASA S2.75-2017/Part 1)

Public Review Date: Apr 3, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASA S2.75-2017/Part 2 (R2020), Shaft Alignment Methodology, Part 2: Vocabulary (reaffirmation of ANSI/ASA S2.75-2017/Part 2)

Public Review Date: Apr 3, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASA S2.75-2021/Part 3, Shaft Alignment Methodology, Part 3: Alignment of Vertically Oriented RotatingMachinery (new standard)

PINS Date: Aug 31, 2018 | Public Review Date: Jul 9, 2021 | Final Action Date: Nov 4, 2021 | [Approved](#)

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- ▶ ANSI/ASA S2.8-2007 (R2020), Technical Information Used for Resilient Mounting Applications (reaffirmation of ANSI/ASA S2.8-2007 (R2017))

Public Review Date: Apr 3, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASA S2.80-2019/Part 1/ISO 20816-1-2016, Mechanical vibration - Measurement and evaluation of machine vibration - Part 1: General guidelines (a nationally adopted international standard) (identical national adoption of ISO 20816-1:2016)

PINS Date: Feb 2, 2018 | Public Review Date: Aug 2, 2019 | Final Action Date: Sep 24, 2019 | [Approved](#)

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- ▶ ANSI/ASA S2.80-2019/Part 2/ISO 20816-2-2017, Mechanical vibration - Measurement and evaluation of machine vibration - Part 2: Land-based gas turbines, steam turbines and generators in excess of 40 MW, with fluid-film bearings and rated speeds of 1 500 r/min, 1 800 r/min and 3 600 r/min (a nationally adopted international standard) (identical national adoption of ISO 20816-2:2017)

PINS Date: Feb 2, 2018 | Public Review Date: Aug 2, 2019 | Final Action Date: Sep 24, 2019 | [Approved](#)

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- ▶ ANSI/ASA S2.81-2019/Part 11/ISO 21940-11-2016, Mechanical vibration - Rotor balancing - Part 11: Procedures and tolerances for rotors with rigid behaviour (identical national adoption of ISO 21940-11:2016)

PINS Date: Feb 2, 2018 | Public Review Date: Aug 2, 2019 | Final Action Date: Sep 24, 2019 | [Approved](#)

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- ▶ ANSI/ASA S2.81-2019/Part 12/ISO 21940-12-2016, Mechanical vibration - Rotor balancing - Part 12: Procedures and tolerances for rotors with flexible behaviour (identical national adoption of ISO 21940-12:2016)

PINS Date: Feb 2, 2018 | Public Review Date: Aug 2, 2019 | Final Action Date: Sep 24, 2019 | [Approved](#)

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- ▶ ANSI/ASA S2.81-2019/Part 14/ISO 21940-14-2012, Mechanical vibration - Rotor balancing - Part 14: Procedures for assessing balance errors (a nationally adopted international standard) (identical national adoption of ISO 21940 -14:2012)

PINS Date: Feb 9, 2018 | Public Review Date: Aug 2, 2019 | Final Action Date: Sep 24, 2019 | [Approved](#)

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**ASA (ASC S2) (Acoustical Society of America)**

- ▶ ANSI/ASA S2.81-2019/Part 2/ISO 21940-2-2017, Mechanical vibration - Rotor balancing - Part 2: Vocabulary (a nationally adopted international standard) (identical national adoption of ISO 21940-2:2017)  
PINS Date: Feb 2, 2018 | Public Review Date: Aug 2, 2019 | Final Action Date: Sep 24, 2019 | [Approved](#)

- ▶ ANSI/ASA S2.9-2008 (R2023), Parameters for Specifying Damping Properties of Materials and System Damping (reaffirmation of ANSI/ASA S2.9-2008 (R2018))  
Public Review Date: Nov 25, 2022 | Final Action Date: Jan 19, 2023 | [Approved](#)

**ASA (ASC S3) (Acoustical Society of America)**

1305 Walt Whitman Road, Suite 110, Melville, NY 11747 | w: [www.acousticalsociety.org](http://www.acousticalsociety.org)

- ▶ ANSI/ASA S3.1-1999 (R2018), Maximum Permissible Ambient Noise Levels for Audiometric Test Rooms (reaffirmation of ANSI/ASA S3.1-1999 (R2013))  
Public Review Date: Oct 26, 2018 | Final Action Date: Dec 14, 2018 | [Approved](#)

- ▶ ANSI/ASA S3.13-1987 (R2020), Mechanical Coupler for Measurement of Bone Vibrators (reaffirmation of ANSI/ASA S3.13-1987 (R2012))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 5, 2020 | [Approved](#)

- ▶ ANSI/ASA S3.2-2020, Method for Measuring the Intelligibility of Speech over Communication Systems (revision of ANSI/ASA S3.2-2009 (R2020))  
PINS Date: Apr 15, 2016 | Public Review Date: Sep 25, 2020 | Final Action Date: Dec 9, 2020 | [Approved](#)

- ▶ ANSI/ASA S3.20-2015 (R2020), Bioacoustical Terminology (reaffirmation of ANSI/ASA S3.20-2015)  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 5, 2020 | [Approved](#)

- ▶ ANSI/ASA S3.21-2004 (R2019), Methods for Manual Pure-tone Threshold Audiometry (reaffirmation of ANSI/ASA S3.21-2004 (R2009))  
PINS Date: Mar 28, 2014 | Public Review Date: Feb 22, 2019 | Final Action Date: Apr 12, 2019 | [Approved](#)

- ▶ ANSI/ASA S3.22-2014 (R2020), Specification of Hearing Aid Characteristics (reaffirmation of ANSI ASA S3.22-2014)  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 5, 2020 | [Approved](#)

- ▶ ANSI/ASA S3.25-2009 (R2019), Standard for an Occluded Ear Simulator (reaffirmation of ANSI/ASA S3.25-2009 (R2014))  
Public Review Date: Aug 30, 2019 | Final Action Date: Nov 1, 2019 | [Approved](#)

- ▶ ANSI/ASA S3.35-2021, Standard Method of Measurement of Performance Characteristics of Hearing Aids Under Simulated Real-Ear Working Conditions (revision of ANSI/ASA S3.35-2010 (R2020))  
PINS Date: May 22, 2020 | Public Review Date: Aug 6, 2021 | Final Action Date: Sep 23, 2021 | [Approved](#)

- ▶ ANSI/ASA S3.36-2012 (R2022), Specification for a Manikin for Simulated in-situ Airborne Acoustic Measurements (reaffirmation of ANSI/ASA S3.36-2012 (R2018))  
Public Review Date: Oct 21, 2022 | Final Action Date: Dec 8, 2022 | [Approved](#)

- ▶ ANSI/ASA S3.37-1987 (R2020), Preferred Earhook Nozzle Thread for Postauricular Hearing Aids (reaffirmation of ANSI/ASA S3.37-1987 (R2017))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 5, 2020 | [Approved](#)

- ▶ ANSI/ASA S3.39-1987 (R2020), Specifications for Instruments to Measure Aural Acoustic Impedance and Admittance (Aural Acoustic Immittance) (reaffirmation of ANSI/ASA S3.39-1987 (R2012))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 5, 2020 | [Approved](#)

- ▶ ANSI/ASA S3.4-2007 (R2020), Procedure for the Computation of Loudness of Steady Sounds (reaffirmation of ANSI/ASA S3.4-2007 (R2017))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 5, 2020 | [Approved](#)

**ASA (ASC S3) (Acoustical Society of America)**

- ▶ ANSI/ASA S3.41-2015 (R2020), Audible Emergency Evacuation (E2) and Evacuation Signals with Relocation Instructions (ESRI) (reaffirmation of ANSI ASA S3.41-2015)  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 5, 2020 | [Approved](#)

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- ▶ ANSI/ASA S3.42-1992/Part 1 (R2020), Testing Hearing Aids with a Broadband Noise Signal (reaffirmation of ANSI/ASA S3.42-1992/Part 1 (R2017))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 5, 2020 | [Approved](#)

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- ▶ ANSI/ASA S3.42-2012/Part 2/IEC 60118-15:2012 (R2020), Testing Hearing Aids - Part 2: Methods for characterizing signal processing in hearing aids with a speech-like signal (a nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S3.42-2012/Part 2/IEC 60118-15:2012 (R2017))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 5, 2020 | [Approved](#)

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- ▶ ANSI/ASA S3.44-2016/Part 1/ISO 1999-2013 (MOD) (R2020), Estimation of Noise-induced Hearing Loss - Part 1: Method for Calculating Expected Noise-induced Permanent Threshold Shift (a modified nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S3.44-2016/Part 1/ISO 1999-2013 (MOD))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 5, 2020 | [Approved](#)

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- ▶ ANSI/ASA S3.45-2009 (R2019), Procedures for Testing Basic Vestibular Function (reaffirmation of ANSI/ASA S3.45-2009 (R2014))  
Public Review Date: Jun 7, 2019 | Final Action Date: Aug 1, 2019 | [Approved](#)

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- ▶ ANSI/ASA S3.46-2013 (R2018), Methods of Measurement of Real-Ear Performance Characteristics of Hearing Aids (reaffirmation of ANSI/ASA S3.46-2013)  
Public Review Date: Aug 24, 2018 | Final Action Date: Oct 11, 2018 | [Approved](#)

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- ▶ ANSI/ASA S3.47-2014 (R2019), Specification of Performance Measurement of Hearing Assistance Devices/Systems (reaffirmation of ANSI/ASA S3.47-2014)  
Public Review Date: Jan 4, 2019 | Final Action Date: Mar 14, 2019 | [Approved](#)

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- ▶ ANSI/ASA S3.5-1997 (R2020), Methods for Calculation of the Speech Intelligibility Index (reaffirmation of ANSI/ASA S3.5-1997 (R2017))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 5, 2020 | [Approved](#)

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- ▶ ANSI/ASA S3.50-2013 (R2022), Method for Evaluation of the Intelligibility of Text-to-Speech Synthesis Systems (reaffirmation of ANSI/ASA S3.50-2013 (R2018))  
Public Review Date: Oct 21, 2022 | Final Action Date: Dec 12, 2022 | [Approved](#)

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- ▶ ANSI/ASA S3.52-2016 (R2020), Measurements of the Threshold of Hearing and Signal Detectability in a Sound Field (reaffirmation of ANSI ASA S3.52-2016)  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 5, 2020 | [Approved](#)

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- ▶ ANSI/ASA S3.55-2014/Part 1/IEC 60318-1:2009 (R2019), Electroacoustics – Simulators of Human Head and Ear – Part 1: Ear Simulator for the Measurement of Supra-aural and Circumaural Earphones (a nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S3.55-2014/Part 1/IEC 60318-1:2009)  
Public Review Date: Jan 4, 2019 | Final Action Date: Feb 22, 2019 | [Approved](#)

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- ▶ ANSI/ASA S3.55-2014/Part 5/IEC 60318-5:2006 (MOD) (R2019), Electroacoustics – Simulators of Human Head and Ear – Part 5: 2 cm<sup>3</sup> Coupler for the Measurement of Hearing Aids and Earphones Coupled to the Ear by Means of Ear Inserts (a modified nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S3.55-2014/Part 5/IEC 60318-5:2006 (MOD))  
Public Review Date: Jun 28, 2019 | Final Action Date: Aug 15, 2019 | [Approved](#)

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- ▶ ANSI/ASA S3.55-2015/Part 3/IEC 60318-3:2015 (R2020), Electroacoustics - Simulators of Human Head and Ear - Part 3: Acoustic Coupler for the Calibration of Supra-aural Earphones Used in Audiometry (reaffirm a national adoption ANSI/ASA S3.55-2015/Part 3/IEC 60318-3:2015)  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 5, 2020 | [Approved](#)

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**ASA (ASC S3) (Acoustical Society of America)**

- ▶ ANSI/ASA S3.6-2018, Specification for Audiometers (revision of ANSI/ASA S3.6-2010)  
PINS Date: Mar 13, 2015 | Public Review Date: Aug 3, 2018 | Final Action Date: Sep 20, 2018 | [Approved](#)
- ▶ ANSI/ASA S3.7-2016 (R2020), Method for Measurement and Calibration of Earphones (reaffirmation of ANSI ASA S3.7-2016)  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 5, 2020 | [Approved](#)
- ▶ ANSI/ASA S3.71-2019, Methods for Measuring the Effect of Head-worn Devices on Directional Sound Localization in the Horizontal Plane (new standard)  
PINS Date: Feb 10, 2017 | Public Review Date: Mar 8, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)
- ▶ ANSI/ASA S3/SC1.100-2014/ANSI/ASA S12.100-2014 (R2020), Methods to Define and Measure the Residual Sound in Protected Natural and Quiet Residential Areas (reaffirmation of ANSI/ASA S3/SC1.100-2014/ANSI/ASA S12.100-2014)  
Public Review Date: Mar 27, 2020 | Final Action Date: May 28, 2020 | [Approved](#)
- ▶ ANSI/ASA S3/SC1.6-2018 (R2023), Procedure for Determining Audiograms in Toothed Whales through Evoked Potential Methods (reaffirmation of ANSI/ASA S3/SC1.6-2018)  
Public Review Date: Oct 21, 2022 | Final Action Date: Jan 6, 2023 | [Approved](#)

**ASABE (American Society of Agricultural and Biological Engineers)**

2950 Niles Road, Saint Joseph, MI 49085 | w: <https://www.asabe.org/>

- ▶ ANSI/ASABE AD10448-NOV2014 (R2018), Agricultural tractors Hydraulic pressure for implements (reaffirm a national adoption ANSI/ASABE AD10448-2014)  
Public Review Date: Nov 2, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)
- ▶ ANSI/ASABE AD11001-1:NOV16 (R2020), Agricultural wheeled tractors — Three-point hitch couplers — Part 1: U-frame coupler (reaffirm a national adoption ANSI/ASABE AD11001-1:NOV16)  
Public Review Date: Oct 30, 2020 | Final Action Date: Dec 15, 2020 | [Approved](#)
- ▶ ANSI/ASABE AD11684-1995 APR2011 (R2021), Tractors, machinery of agriculture and forestry, powered lawn and garden equipment - Safety signs and hazard pictorials - General principles (reaffirmation of ANSI/ASABE AD11684-1995 APR2011 (R2016))  
Public Review Date: Nov 13, 2020 | Final Action Date: Mar 29, 2021 | [Approved](#)
- ▶ ANSI/ASABE AD17225-4-FEB2018, Solid biofuels - Fuel specifications and classes - Part 4: Graded wood chips (national adoption with modifications of ISO 17225-4:2014)  
PINS Date: Apr 14, 2017 | Public Review Date: Oct 20, 2017 | Final Action Date: Feb 14, 2018 | [Approved](#)
- ▶ ANSI/ASABE AD20966-2007 MAR2016 (R2020), Automatic milking installations - Requirements and testing (reaffirm a national adoption ANSI/ASABE AD20966:2007 MAR2016)  
Public Review Date: Oct 2, 2020 | Final Action Date: Nov 17, 2020 | [Approved](#)
- ▶ ANSI/ASABE AD26322-1:2008 NOV16 (R2020), Tractors for agriculture and forestry — Safety — Part 1: Standard tractors (reaffirm a national adoption ANSI/ASABE AD26322-1:2008 NOV16)  
Public Review Date: Oct 30, 2020 | Final Action Date: Dec 21, 2020 | [Approved](#)
- ▶ ANSI/ASABE AD26322-2-JUN2017 (R2022), Tractors for agriculture and forestry - Safety - Part 2: Narrow-track and small tractors (reaffirm a national adoption ANSI/ASABE AD26322-2-JUN2017)  
Public Review Date: Nov 19, 2021 | Final Action Date: Jan 6, 2022 | [Approved](#)
- ▶ ANSI/ASABE AD3600:2016 (R2021), Tractors, machinery of agriculture and forestry, powered lawn and garden equipment - Operators manuals - Content and format (reaffirm a national adoption ANSI/ASABE AD3600:2016)  
Public Review Date: Nov 13, 2020 | Final Action Date: Mar 24, 2021 | [Approved](#)

**ASABE (American Society of Agricultural and Biological Engineers)**

- ▶ ANSI/ASABE AD3918-2007 JAN2011 (R2020), Milking machine installations - Vocabulary (reaffirm a national adoption ANSI/ASABE AD3918-2007 JAN2011 (R2016))  
Public Review Date: Oct 2, 2020 | Final Action Date: Nov 17, 2020 | [Approved](#)

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- ▶ ANSI/ASABE AD4254-11-JAN2012 (R2020), Agricultural machinery — Safety — Part 11: Pick-up balers (reaffirm a national adoption ANSI/ASABE AD4254-11-JAN2012 (R2017))  
Public Review Date: Jul 3, 2020 | Final Action Date: Aug 18, 2020 | [Approved](#)

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- ▶ ANSI/ASABE AD4254-12-JUL2016 (R2020), Agricultural machinery — Safety — Part 12: Rotary disc and drum mowers and flail mowers (reaffirm a national adoption ANSI/ASABE AD4254-12-JUL2016 )  
Public Review Date: Oct 30, 2020 | Final Action Date: Dec 21, 2020 | [Approved](#)

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- ▶ ANSI/ASABE AD4254-13-2013 (R2022), Agricultural machinery — Safety — Part 13: Large rotary mowers (reaffirm a national adoption ANSI/ASABE AD4254-13-2013 (R2017))  
Public Review Date: Oct 28, 2022 | Final Action Date: Jan 9, 2023 | [Approved](#)

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- ▶ ANSI/ASABE AD4254-6-2020, Agricultural machinery - Safety - Part 6: Sprayers and liquid fertilizer distributors (national adoption of ISO 4254-6:2020 with modifications and revision of ANSI/ASABE AD4254-6:2009 AUG2013 (R2017))  
PINS Date: Oct 30, 2020 | Public Review Date: Dec 18, 2020 | Final Action Date: Mar 8, 2021 | [Approved](#)

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- ▶ ANSI/ASABE AD500-2:OCT2016 (R2020), Agricultural tractors — Rear-mounted power take-off types 1, 2, 3 and 4 — Part 2: Narrow-tracktractors, dimensions for master shield and clearance zone (reaffirm a national adoption ANSI/ASABE AD500-2:OCT2016)  
Public Review Date: Oct 30, 2020 | Final Action Date: Dec 21, 2020 | [Approved](#)

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- ▶ ANSI/ASABE AD5673-1-2017 (R2022), Agricultural tractors and machinery — Power take-off drive shafts and power-input connection — Part 1: General manufacturing and safety requirements (reaffirm a national adoption ANSI/ASABE AD5673-1-2017)  
Public Review Date: Apr 1, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ ANSI/ASABE AD5673-2-SEPT2014 (R2022), Agricultural tractors and machinery — Power take-off drive shafts and power-input connection — Part 2: Specification for use of PTO drive shafts, and position and clearance of PTO drive line and PIC for various attachments (reaffirm a national adoption ANSI/ASABE AD5673-2-SEPT2014 (R2019))  
Public Review Date: Apr 1, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ ANSI/ASABE AD5674-2004 SEP2015 (R2019), Tractors and machinery for agricultural and forestry — Guards for power take-off (PTO) drive shafts — Strength and wear tests and acceptance criteria (reaffirm a national adoption ANSI/ASABE AD5674-2015)  
Public Review Date: Nov 1, 2019 | Final Action Date: Dec 19, 2019 | [Approved](#)

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- ▶ ANSI/ASABE AD5675-2016 (R2020), Agricultural tractors and machinery — General purpose quick-action hydraulic couplers (reaffirm a national adoption ANSI/ASABE AD5675-2016)  
Public Review Date: Oct 30, 2020 | Final Action Date: Dec 15, 2020 | [Approved](#)

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- ▶ ANSI/ASABE AD5707-2007 MAR2016 (R2020), Milking machine installations - Construction and performance (reaffirmation and redesignation of ANSI/ASABE AD5707:2007 MAR2016)  
Public Review Date: Oct 2, 2020 | Final Action Date: Nov 17, 2020 | [Approved](#)

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- ▶ ANSI/ASABE AD6489-3-2004 JUL2017 (R2022), Agricultural vehicles - Mechanical connections between towed and towing vehicles - Part 3: Tractor drawbar (reaffirm a national adoption ANSI/ASABE AD6489-3-2004 JUL2017)  
Public Review Date: Nov 19, 2021 | Final Action Date: Jan 6, 2022 | [Approved](#)

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- ▶ ANSI/ASABE AD6690-2007 JAN2011 (R2020), Milking machine installations - Mechanical tests (reaffirm a national adoption ANSI/ASABE AD6690-2007 JAN2011 (R2015))  
Public Review Date: Oct 2, 2020 | Final Action Date: Nov 17, 2020 | [Approved](#)

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**ASABE (American Society of Agricultural and Biological Engineers)**

- ▶ ANSI/ASABE AD730:2009 W/Amd. 1:2014 MAR2015 Cor. 1 (R2019), Agricultural wheeled tractors — Rear-mounted three-point linkage — Categories 1N, 1, 2N, 2, 3N, 3, 4N and 4 (reaffirm a national adoption ANSI/ASABE AD730:2009 W/Amd. 1-2015)

Public Review Date: Nov 1, 2019 | Final Action Date: Dec 19, 2019 | [Approved](#)

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- ▶ ANSI/ASABE AD8759-1-2019, Agricultural tractors — Front-mounted equipment — Part 1: Power take-off: Safety requirements and clearance zone around PTO (national adoption of ISO 8759-1:2018 with modifications and revision of ANSI/ASABE AD8759-1:2013)

PINS Date: Jan 18, 2019 | Public Review Date: Apr 19, 2019 | Final Action Date: Jul 29, 2019 | [Approved](#)

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- ▶ ANSI/ASABE AD8759-2- OCT2016, Agricultural wheeled tractors - Front-mounted equipment - Part 2: Stationary equipment connection (identical national adoption of ISO 8759-2:1998 and revision of ANSI/ASABE AD8759-2:1998 DEC2010 (R2016))

Public Review Date: Jun 24, 2016 | Final Action Date: Oct 11, 2016 | [Approved](#)

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- ▶ ANSI/ASABE AD8759-2-OCT2016 (R2020), Agricultural wheeled tractors — Front-mounted equipment — Part 2: Stationary equipment connection (reaffirm a national adoption ANSI/ASABE AD8759-2-OCT2016)

Public Review Date: Oct 30, 2020 | Final Action Date: Dec 15, 2020 | [Approved](#)

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- ▶ ANSI/ASABE AD8759-3-2019, Agricultural tractors — Front-mounted equipment — Part 3: Power take-off: General specifications and location (national adoption with modifications of ISO 8759-3:2018)

PINS Date: Jan 18, 2019 | Public Review Date: Apr 19, 2019 | Final Action Date: Aug 8, 2019 | [Approved](#)

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- ▶ ANSI/ASABE AD8759-4-2019, Agricultural tractors — Front-mounted equipment —Part 4: Three-point linkage (national adoption with modifications of ISO 8759-4:2018)

PINS Date: Jan 18, 2019 | Public Review Date: Apr 19, 2019 | Final Action Date: Aug 8, 2019 | [Approved](#)

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- ▶ ANSI/ASABE D606-2020, Properties and Relationships for Distillers Dried Grains with Solubles (DDGS) (new standard)

PINS Date: Jan 23, 2009 | Public Review Date: Jul 3, 2020 | Final Action Date: Oct 6, 2020 | [Approved](#)

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- ▶ ANSI/ASABE EP585.1-MON2021, Animal Mortality Composting (revision and redesignation of ANSI/ASABE EP585 -2015 (R2019))

PINS Date: Apr 17, 2020 | Public Review Date: Dec 25, 2020 | Final Action Date: Mar 16, 2021 | [Approved](#)

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- ▶ ANSI/ASABE S516-2014 (R2018), Terminology for Forest Operations and Equipment (reaffirmation of ANSI/ASABE S516-2014)

Public Review Date: Oct 12, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ ANSI/ASABE S588.1-NOV16 (R2020), Uniform Terminology for Air Quality (reaffirmation of ANSI/ASABE S588.1- NOV16)

Public Review Date: Oct 2, 2020 | Final Action Date: Nov 17, 2020 | [Approved](#)

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- ▶ ANSI/ASABE S592.1-2016 (R2020), Best Management Practices for Boom Spraying (reaffirmation of ANSI/ASABE S592.1-2016)

Public Review Date: Oct 2, 2020 | Final Action Date: Nov 17, 2020 | [Approved](#)

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- ▶ ANSI/ASABE S593.1-JAN2011 (R2021), Terminology and Definitions for Biomass Production, Harvesting and Collection, Storage, Processing, Conversion and Utilization (reaffirmation of ANSI/ASABE S593.1-JAN2011 (R2015))

Public Review Date: Nov 13, 2020 | Final Action Date: Mar 25, 2021 | [Approved](#)

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- ▶ ANSI/ASABE S596-2006 (R2020), Recycling Plastic Containers from Pesticides and Pesticide-Related Products (reaffirmation of ANSI/ASABE S596-2006 (R2015))

Public Review Date: Oct 2, 2020 | Final Action Date: Nov 17, 2020 | [Approved](#)

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**ASABE (American Society of Agricultural and Biological Engineers)**

- ▶ ANSI/ASABE S598 JAN2010 (R2019), Procedure for Sampling, Measuring and Reporting Commingled Crop in Combine Harvest of a Subsequent Crop (reaffirmation of ANSI/ASABE S598 JAN2010 (R2014))  
Public Review Date: Nov 1, 2019 | Final Action Date: Dec 17, 2019 | [Approved](#)

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- ▶ ANSI/ASABE S600-2011 (R2020), Manually Handled Collapsible Reusable Plastic Containers for Handling of Fruits and Vegetables (reaffirmation of ANSI/ASABE S600-2011 (R2016))  
Public Review Date: Oct 16, 2020 | Final Action Date: Dec 1, 2020 | [Approved](#)

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- ▶ ANSI/ASABE S602.3-OCT2018 (R2022), General Safety Standard for Agricultural Tractors in Scraper Applications (reaffirmation of ANSI/ASABE S602.3-OCT2018 )  
Public Review Date: Oct 28, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)

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- ▶ ANSI/ASABE S607 OCT2007 (R2019), Ventilating Manure Storages to Reduce Entry Risk (reaffirmation of ANSI/ASABE S607 OCT2007 (R2014))  
Public Review Date: Nov 1, 2019 | Final Action Date: Dec 17, 2019 | [Approved](#)

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- ▶ ANSI/ASABE S608-2008 (R2022), Headlamps for Agricultural Equipment (reaffirmation of ANSI/ASABE S608-2008 (R2017))  
Public Review Date: Nov 4, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)

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- ▶ ANSI/ASABE S612 JUL2009 (R2021), Performing On-farm Energy Audits (reaffirmation of ANSI/ASABE S612 JUL2009 (R2015))  
Public Review Date: Nov 13, 2020 | Final Action Date: Mar 25, 2021 | [Approved](#)

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- ▶ ANSI/ASABE S613-1-FEB2009 (R2018), Tractors and Self-Propelled Machinery for Agriculture Air Quality Systems for Cabs Terminology and Overview (reaffirmation of ANSI/ASABE S613-1-FEB2009 (R2013))  
Public Review Date: Oct 19, 2018 | Final Action Date: Dec 7, 2018 | [Approved](#)

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- ▶ ANSI/ASABE S613-2.1-JUN-2013 (R2022), Tractors and self-propelled machinery for agriculture - Air quality systems for cabs - Part 2: Cab & HVAC design (reaffirmation of ANSI/ASABE S613-2.1-JUN-2013)  
Public Review Date: Nov 11, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)

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- ▶ ANSI/ASABE S613-3.1-JUN2018 (R2022), Tractors and self-propelled machinery for agriculture - Air quality systems for cabs - Part 3: Filters for environmental cab HVAC systems (reaffirmation of ANSI/ASABE S613-3.1-JUN2018)  
Public Review Date: Nov 11, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)

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- ▶ ANSI/ASABE S613-4-AUG2017 (R2022), Tractors and self-propelled machinery for agriculture – Air quality systems for cabs – Part 4: Performance Test of a Cab (reaffirmation of ANSI/ASABE S613-4-AUG2017)  
Public Review Date: Nov 19, 2021 | Final Action Date: Jan 6, 2022 | [Approved](#)

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- ▶ ANSI/ASABE S619.1 MONYEAR-2019, Safety for Tractor-Mounted, Boom-Type Post Hole Diggers (revision and redesignation of ANSI/ASABE S619-2014)  
PINS Date: Jun 1, 2018 | Public Review Date: May 31, 2019 | Final Action Date: Aug 22, 2019 | [Approved](#)

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- ▶ ANSI/ASABE S620.1 MONYEAR-2022, Safety for Anhydrous Ammonia Application Equipment (revision and redesignation of ANSI/ASABE S620-MAR2017)  
PINS Date: Jun 15, 2018 | Public Review Date: Jan 21, 2022 | Final Action Date: Apr 12, 2022 | [Approved](#)

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- ▶ ANSI/ASABE S623.1-JAN2017 (R2022), Determining Landscape Plant Water Demands (reaffirmation of ANSI/ASABE S623.1-JAN2017)  
Public Review Date: Sep 16, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)

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- ▶ ANSI/ASABE S624-AUG2018 (R2022), Grain Bin Access Design Safety (reaffirmation of ANSI/ASABE S624-AUG2018)  
Public Review Date: Sep 16, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)

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**ASABE (American Society of Agricultural and Biological Engineers)**

- ▶ ANSI/ASABE S625.1-JUL2018 (R2022), Drawbar Pin Dimensions and Requirements for Towing Machine with Clevis (reaffirmation of ANSI/ASABE S625.1-JUL2018)

Public Review Date: Nov 11, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)

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- ▶ ANSI/ASABE S626-SEPT2016 (R2020), Landscape Irrigation System Uniformity and Application Rate Testing (reaffirmation of ANSI/ASABE S626-SEPT2016)

Public Review Date: Oct 2, 2020 | Final Action Date: Nov 17, 2020 | [Approved](#)

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- ▶ ANSI/ASABE S627.1 MON-2022, Weather-based Landscape Irrigation Control systems (revision and redesignation of ANSI/ASABE S627 DEC-2020)

PINS Date: Nov 12, 2021 | Public Review Date: Jul 22, 2022 | Final Action Date: Oct 24, 2022 | [Approved](#)

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- ▶ ANSI/ASABE S629-2016 (R2021), Framework to Evaluate the Sustainability of Agricultural Production Systems (reaffirmation of ANSI/ASABE S629-2016)

Public Review Date: Nov 13, 2020 | Final Action Date: Mar 25, 2021 | [Approved](#)

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- ▶ ANSI/ASABE S632-1-JUN2018 (R2022), Precision Agriculture Irrigation Language: Core Concepts, Processes, and Objects (reaffirmation of ANSI/ASABE S632-1-JUN2018)

Public Review Date: Sep 16, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)

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- ▶ ANSI/ASABE S632-3-JUN2018 (R2022), Precision Agriculture Irrigation Language: Irrigation System Operations (reaffirmation of ANSI/ASABE S632-3-JUN2018)

Public Review Date: Sep 16, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)

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- ▶ ANSI/ASABE S633 MONYEAR-2020, Testing Protocol for Landscape Irrigation Soil Moisture-Based Control Technologies (new standard)

PINS Date: Mar 29, 2013 | Public Review Date: Feb 21, 2020 | Final Action Date: May 11, 2020 | [Approved](#)

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- ▶ ANSI/ASABE S638-MAY19, Pintle Hitch and Ring for Over the Road Towed Implements (new standard)

PINS Date: Apr 8, 2016 | Public Review Date: Feb 22, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/ASABE S639.2-FEB2019, Safety Standard for Large Row-Crop Flail Mowers (revision and redesignation of ANSI/ASABE S639.1-SEP2017)

PINS Date: Sep 28, 2018 | Public Review Date: Nov 9, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)

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- ▶ ANSI/ASABE S640 JUL2017 (R2022), Quantities and Units of Electromagnetic Radiation for Plants (Photosynthetic Organisms) (reaffirmation of ANSI/ASABE S640 JUL2017)

Public Review Date: Nov 19, 2021 | Final Action Date: Jan 28, 2022 | [Approved](#)

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- ▶ ANSI/ASABE S641-MAY2018 (R2022), Droplet Size Classification of Aerial Application Nozzles (reaffirmation of ANSI/ASABE S641-MAY2018 )

Public Review Date: Sep 16, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)

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- ▶ ANSI/ASABE S642-SEPT2018, Recommended Methods for Measurement and Testing of LED Products for Plant Growth and Development (new standard)

PINS Date: Jun 19, 2015 | Public Review Date: Apr 20, 2018 | Final Action Date: Sep 21, 2018 | [Approved](#)

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- ▶ ANSI/ASABE S647-OCT2018 (R2022), Seed Cotton Module Identification System (reaffirmation of ANSI/ASABE S647-OCT2018)

Public Review Date: Nov 11, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)

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- ▶ ANSI/ASABE S648-1 MONYEAR-2020, Agricultural Field Equipment Braking – Part 1: General Requirements (new standard)

PINS Date: Feb 2, 2018 | Public Review Date: Nov 8, 2019 | Final Action Date: Mar 19, 2020 | [Approved](#)

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**ASABE (American Society of Agricultural and Biological Engineers)**

- ▶ ANSI/ASABE S648-2 MONYEAR-2020, Agricultural Field Equipment Braking – Part 2: Requirements for Agricultural Tractors (new standard)  
PINS Date: Feb 2, 2018 | Public Review Date: Nov 8, 2019 | Final Action Date: Mar 19, 2020 | [Approved](#)
- ▶ ANSI/ASABE S648-3.1 MONYEAR-2022, Agricultural Field Equipment Braking - Part 3: Requirements for Self-Propelled and Special Self-Propelled Machines (revision and redesignation of ANSI/ASABE S648-3 MONYEAR-2020)  
PINS Date: Apr 1, 2022 | Public Review Date: May 27, 2022 | Final Action Date: Dec 1, 2022 | [Approved](#)
- ▶ ANSI/ASABE S648-4.1-2021, Agricultural Field Equipment Braking — Part 4: Requirements for Towed Vehicles (revision and redesignation of ANSI/ASABE S648-4 MONYEAR-2020)  
PINS Date: Jan 1, 2021 | Public Review Date: Apr 9, 2021 | Final Action Date: Nov 17, 2021 | [Approved](#)
- ▶ ANSI/ASABE S648-5 MONYEAR-2020, Agricultural Field Equipment Braking – Part 5: Requirements for the Interface between Towing Vehicle and Towed Vehicles (new standard)  
PINS Date: Feb 2, 2018 | Public Review Date: Nov 8, 2019 | Final Action Date: Mar 19, 2020 | [Approved](#)
- ▶ ANSI/ASABE S648-5.1 MONYEAR-2021, Agricultural Field Equipment Braking — Part 5: Requirements for the Interface between Towing Vehicle and Towed Vehicles (revision and redesignation of ANSI/ASABE S648-5 MAR2020)  
PINS Date: Jan 1, 2021 | Public Review Date: Aug 20, 2021 | Final Action Date: Nov 17, 2021 | [Approved](#)
- ▶ ANSI/ASABE S648-5.2 MONYEAR-2022, Agricultural Field Equipment Braking - Part 5: Requirements for the Interface between Towing Vehicle and Towed Vehicles (revision and redesignation of ANSI/ASABE S648-5.1 NOV2021)  
PINS Date: Apr 1, 2022 | Public Review Date: May 27, 2022 | Final Action Date: Dec 1, 2022 | [Approved](#)
- ▶ ANSI/ASABE S660 MONYEAR-2022, Procedure for Evaluating the Distribution Uniformity for Large Granular Broadcast Applicators (new standard)  
PINS Date: Mar 12, 2021 | Public Review Date: Jul 22, 2022 | Final Action Date: Sep 6, 2022 | [Approved](#)
- ▶ ANSI/ASABE/ASHRAE EP653 MONYEAR-2021, Heating, Ventilating, and Air Conditioning (HVAC) for Indoor Plant Environments without Sunlight (new standard)  
PINS Date: Oct 27, 2017 | Public Review Date: Jul 9, 2021 | Final Action Date: Oct 4, 2021 | [Approved](#)
- ▶ ANSI/ASABE/ISO 12003-1-MONYEAR-2022, Tractors for agriculture and forestry — Roll-over protective structures on narrow tractors — Part 1: Front-mounted ROPS (identical national adoption of ISO 12003-1:2021 and revision of ANSI/ASABE/ISO 12003-1-SEP17)  
PINS Date: Aug 6, 2021 | Public Review Date: Apr 8, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)
- ▶ ANSI/ASABE/ISO 12003-2-2022 MONYEAR, Tractors for agriculture and forestry — Roll-over protective structures on narrow tractors — Part 2: Rear-mounted ROPS (identical national adoption of ISO 12003-2:2021 and revision of ANSI/ASABE/ISO 12003-2-2008 SEP2107)  
Public Review Date: Apr 8, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)
- ▶ ANSI/ASABE/ISO 12140-JUNE2014 (R2018), Agricultural Machinery - Agricultural trailers and traile equipment - Drawbar jacks (reaffirm a national adoption ANSI/ASABE/ISO 12140:2014)  
Public Review Date: Oct 12, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)
- ▶ ANSI/ASABE/ISO 12188-2-2015 (R202x), Tractors & machinery for ag & forestry - Test procedures for positioning & guidance systems in ag - Part 2: Testing of satellite-based auto-guidance systems during straight & level travel. (reaffirm a national adoption ANSI/ASABE/ISO 12188-2-2015)  
Public Review Date: Sep 27, 2019 | Final Action Date: Nov 12, 2019 | [Approved](#)
- ▶ ANSI/ASABE/ISO 14269-1-2006 (R2021), Tractors and self-propelled machines for agriculture and forestry — Operator enclosure environment — Part 1: Vocabulary (reaffirm a national adoption ANSI/ASABE/ISO 14269-1-2006 (R2017))  
Public Review Date: Jan 29, 2021 | Final Action Date: Mar 22, 2021 | [Approved](#)

**ASABE (American Society of Agricultural and Biological Engineers)**

- ▶ ANSI/ASABE/ISO 14269-2-2006 (R2020), Tractors and self-propelled machines for agriculture and forestry — Operator enclosure environment — Part 2: Heating, ventilation and air-conditioning test method and performance (reaffirm a national adoption ANSI/ASABE/ISO 14269-2-2006 (R2017))  
Public Review Date: Jul 17, 2020 | Final Action Date: Sep 4, 2020 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 14269-3-SEP2006 (R2020), Tractors and self-propelled machines for agriculture and forestry — Operator enclosure environment — Part 3: Determination of effect of solar heating (reaffirm a national adoption ANSI/ASABE/ISO 14269-3-SEP2006 (R2017))  
Public Review Date: May 1, 2020 | Final Action Date: Jul 7, 2020 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 14269-4-2006 (R2021), Tractors and self-propelled machines for agriculture and forestry — Operator enclosure environment — Part 4: Air filter element test method (reaffirm a national adoption ANSI/ASABE/ISO 14269-4-2006 (R2017))  
Public Review Date: Jan 29, 2021 | Final Action Date: Mar 16, 2021 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 14269-5-2006 (R2021), Tractors and self-propelled machines for agriculture and forestry — Operator enclosure environment — Part 5: Pressurization system test method (reaffirm a national adoption ANSI/ASABE/ISO 14269-5-2006 (R2017))  
Public Review Date: Jan 29, 2021 | Final Action Date: Mar 16, 2021 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 15077:2008 (R2018), Tractors and self-propelled machinery for agriculture - Operator Controls - Actuating forces, displacement, location, and method of operation (reaffirm a national adoption ANSI/ASABE/ISO 15077:2008 (R2013))  
Public Review Date: Oct 12, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 17101-1:2012 JUN2016 (R2020), Agricultural machinery — Thrown-object test and acceptance criteria — Part 1: Rotary mowers (reaffirm a national adoption ANSI/ASABE/ISO 17101-1:2012 JUN2016)  
Public Review Date: Oct 30, 2020 | Final Action Date: Dec 21, 2020 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 17101-2:2012 JUN2016 (R2020), Agricultural machinery — Thrown-object test and acceptance criteria — Part 2: Flail mowers (reaffirm a national adoption ANSI/ASABE/ISO 17101-2:2012 JUN2016)  
Public Review Date: Oct 30, 2020 | Final Action Date: Dec 21, 2020 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 20383-2019, Tractors and machinery for agriculture and forestry -- Speed Identification Sign (SIS) (identical national adoption of ISO 20383:2017 and revision of ANSI/ASAE S584.3-2013 (R2017))  
PINS Date: Aug 31, 2018 | Public Review Date: Nov 16, 2018 | Final Action Date: Oct 16, 2019 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 21244-2008 JAN2011 (R2020), Agricultural equipment — Mechanical connections between towed and towing vehicles — Implement hitch rings and attachment to tractor drawbars (reaffirm a national adoption ANSI/ASABE/ISO 21244-2008 JAN2011 (R2016))  
Public Review Date: Oct 30, 2020 | Final Action Date: Dec 15, 2020 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 23205:2016 (R2020), Agricultural tractors — Instructional seat (reaffirm a national adoption ANSI/ASABE/ISO 23205:2016)  
Public Review Date: Oct 30, 2020 | Final Action Date: Dec 21, 2020 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 24347-2021, Agricultural vehicles — Mechanical connections between towed and towing vehicles — Dimensions of ball-type coupling device (80 mm) (identical national adoption of ISO 24347:2019 and revision of ANSI/ASABE AD24347:2014 (R2018))  
PINS Date: Apr 9, 2021 | Public Review Date: Aug 13, 2021 | Final Action Date: Nov 12, 2021 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 26322-2-2012, Tractors for agriculture and forestry - Safety - Part 2: Narrow-track and small tractors (national adoption with modifications of ISO 26322-2:2010)  
PINS Date: Oct 14, 2011 | Public Review Date: Feb 17, 2012 | Final Action Date: Jun 7, 2012 | [Approved](#)

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**ASABE (American Society of Agricultural and Biological Engineers)**

- ▶ ANSI/ASABE/ISO 27850-2013 MAY2016 (R2020), Tractors for agriculture and forestry — Falling object protective structures — Test procedures and performance requirements (reaffirm a national adoption ANSI/ASABE/ISO 27850-2016 )  
Public Review Date: Oct 30, 2020 | Final Action Date: Dec 15, 2020 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 3463-2006 SEP2017 (R2020), Tractors for agriculture and forestry — Roll-over protective structures (ROPS) — Dynamic test method and acceptance conditions (reaffirm a national adoption ANSI/ASABE/ISO 3463-SEP2017)  
Public Review Date: Jul 17, 2020 | Final Action Date: Sep 4, 2020 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 3767-1:2017 APR17 (R2022), Tractors, machinery for agriculture and forestry, powered lawn and garden equipment – Symbols for operator controls and other displays – Part 1: Common symbols (reaffirm a national adoption ANSI/ASABE/ISO 3767-1:2017 APR17)  
Public Review Date: Nov 19, 2021 | Final Action Date: Mar 31, 2022 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 3767-2:APR17 (R2022), Tractors, machinery for agriculture and forestry, powered lawn and garden equipment – Symbols for operator controls and other displays – Part 2: Symbols for agricultural tractors and machinery (reaffirm a national adoption ANSI/ASABE/ISO 3767-2:APR17)  
Public Review Date: Nov 19, 2021 | Final Action Date: Mar 31, 2022 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 3776-1-2006 (R2022), Tractors and machinery for agriculture - Seat belts - Part 1: Anchorage location requirements (reaffirm a national adoption ANSI/ASABE/ISO 3776-1-2006 (R2016))  
Public Review Date: Nov 19, 2021 | Final Action Date: Mar 31, 2022 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 3776-2-FEB2016 (R2020), Tractors and machinery for agriculture — Seat belts — Part 2: Anchorage strength requirements (reaffirm a national adoption ANSI/ASABE/ISO 3776-2-2016 )  
Public Review Date: Oct 16, 2020 | Final Action Date: Dec 3, 2020 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 3776-3-2009 OCT2015 (R2019), Tractors and machinery for agriculture — Seat belts — Part 3: Requirements for assemblies (reaffirm a national adoption ANSI/ASABE/ISO 3776-3:2015)  
Public Review Date: Nov 1, 2019 | Final Action Date: Dec 19, 2019 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 4252-MAY2012 (R2022), Agricultural tractors - Operators workplace, access and exit - Dimensions (reaffirm a national adoption ANSI/ASABE/ISO 4252-MAY2012 (R2017))  
Public Review Date: Nov 19, 2021 | Final Action Date: Jan 6, 2022 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 500-3-2015 (R2019), Agricultural tractors — Rear-mounted power take-off types 1, 2, 3 and 4 — Part 3: Main PTO dimensions and spline dimensions, location of PTO (reaffirm a national adoption ANSI/ASABE/ISO 500-3:2015)  
Public Review Date: Mar 22, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 5007:2003 MAY2006 (R2020), Agricultural wheeled tractors — Operators seat — Laboratory measurement of transmitted vibration (reaffirmation of ANSI/ASABE/ISO 5007:2003 MAY2006 (R2016))  
Public Review Date: Oct 16, 2020 | Final Action Date: Dec 1, 2020 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 5008-2002 W/Cor. 1 MAY2006 (R2020), Agricultural wheeled tractors and field machinery — Measurement of whole-body vibration of the operator (reaffirmation of ANSI/ASABE/ISO 5008-2002 W/Cor. 1 MAY2006 (R2015))  
Public Review Date: Oct 16, 2020 | Final Action Date: Dec 1, 2020 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 5700--2013 SEP2017 (R2022), Tractors for agriculture and forestry — Roll-over protective structures — Static test method and acceptance conditions (reaffirm a national adoption ANSI/ASABE/ISO 5700--2013 SEP2017)  
Public Review Date: Nov 19, 2021 | Final Action Date: Jan 6, 2022 | [Approved](#)

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**ASABE (American Society of Agricultural and Biological Engineers)**

- ▶ ANSI/ASABE/ISO 6689-2022, Equipment for harvesting — Combine harvesters and functional components — Vocabulary (identical national adoption of ISO 6689:2021)  
PINS Date: Nov 26, 2021 | Public Review Date: May 27, 2022 | Final Action Date: Sep 26, 2022 | [Approved](#)

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- ▶ ANSI/ASABE/ISO 8210-2022, Equipment for harvesting — Combine harvesters — Test procedure and performance assessment (identical national adoption of ISO 8210:2021)  
PINS Date: Nov 26, 2021 | Public Review Date: May 27, 2022 | Final Action Date: Sep 26, 2022 | [Approved](#)

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- ▶ ANSI/ASABE/ISO AD500-1:2015 (R2019), Agricultural tractors — Rear-mounted power take-off types 1, 2, 3 and 4 — Part 1: General specifications, safety requirements, dimensions for master shield and clearance zone (reaffirm a national adoption ANSI/ASABE/ISO AD500-1:2015)  
Public Review Date: Mar 22, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/ASABE/ISO TS 28924-2007 SEP2015 (R2019), Agricultural machinery — Guards for moving parts of power transmission — Guard opening without tool (reaffirm a national adoption ANSI/ASABE/ISO TS 28924-2007 SEP2015)  
Public Review Date: Oct 25, 2019 | Final Action Date: Dec 19, 2019 | [Approved](#)

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- ▶ ANSI/ASABE/NFBA S618 DEC2010 (R2020), Post Frame Building system Nomenclature (reaffirmation and redesignation of ANSI/ASABE S618 DEC2010 (R2016))  
Public Review Date: Oct 9, 2020 | Final Action Date: Nov 30, 2020 | [Approved](#)

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- ▶ ANSI/ASAE 5687-OCT2018, Equipment for harvesting Combine harvesters Determination and designation of grain tank capacity and unloading device performance (identical national adoption of ISO 5687:2018 and revision of ANSI/ASAE/ISO 5687-2014)  
PINS Date: Jun 1, 2018 | Public Review Date: Jul 20, 2018 | Final Action Date: Oct 31, 2018 | [Approved](#)

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- ▶ ANSI/ASAE D241.4-FEB93 (R2022), Density, Specific Gravity, and Mass-Moisture Relationships of Grain for Storage (reaffirmation of ANSI/ASAE D241.4-FEB93 (R2017))  
Public Review Date: Sep 16, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)

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- ▶ ANSI/ASAE EP282.2-1993 (R2018), Design Values for Emergency Ventilation and Care of Livestock and Poultry (reaffirmation of ANSI/ASAE EP282.2-1993 (R2013))  
Public Review Date: Oct 12, 2018 | Final Action Date: Nov 29, 2018 | [Approved](#)

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- ▶ ANSI/ASAE EP302.4-AUG93 (R2022), Design and Construction of Surface Drainage Systems on Agricultural Lands in Humid Areas (reaffirmation of ANSI/ASAE EP302.4-AUG93 (R2017))  
Public Review Date: Sep 16, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)

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- ▶ ANSI/ASAE EP364.4-FEB2013 (R2018), Installation and Maintenance of Farm Standby Electric Power (reaffirmation of ANSI/ASAE EP364.4-FEB2013)  
Public Review Date: Oct 13, 2017 | Final Action Date: Mar 5, 2018 | [Approved](#)

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- ▶ ANSI/ASAE EP378.4 JUN2010 (R202x), Floor and Suspended Loads on Agricultural Structures Due to Use (reaffirmation of ANSI/ASAE EP378.4 JUN2010 (R2014))  
Public Review Date: Oct 11, 2019 | Final Action Date: Nov 26, 2019 | [Approved](#)

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- ▶ ANSI/ASAE EP389.2 JUN1993 (R2019), Auger Flighting Design Considerations (reaffirmation of ANSI/ASAE EP389.2 JUN1993 (R2015))  
Public Review Date: Nov 1, 2019 | Final Action Date: Dec 17, 2019 | [Approved](#)

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- ▶ ANSI/ASAE EP400.3-2007 (R2022), Designing and Constructing Irrigation Wells (reaffirmation of ANSI/ASAE EP400.3-2007 (R2017))  
Public Review Date: Sep 16, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)

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- ▶ ANSI/ASAE EP403.4 FEB2011 (R2020), Design of Anaerobic Lagoons for Animal Waste (reaffirmation of ANSI/ASAE EP403.4-FEB-2011 (R2015))  
Public Review Date: Oct 2, 2020 | Final Action Date: Nov 17, 2020 | [Approved](#)

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**ASABE (American Society of Agricultural and Biological Engineers)**

- ▶ ANSI/ASAE EP411.5-2012 (R2021), Guidelines for Measuring and Reporting Environmental Parameters for Plant Experiments in Growth Chambers (reaffirmation of ANSI/ASAE EP411.5-2012 (R2016))  
Public Review Date: Oct 8, 2021 | Final Action Date: Nov 29, 2021 | [Approved](#)
- ▶ ANSI/ASAE EP446.3-2008 (R2022), Loads Exerted by Irish Potatoes in Shallow Bulk Storage Structure (reaffirmation of ANSI/ASAE EP446.3-2008 (R2017))  
Public Review Date: Sep 16, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)
- ▶ ANSI/ASAE EP545 MAR1995 (R2019), Loads Exerted by Free-Flowing Grain on Shallow Storage Structures (reaffirmation of ANSI/ASAE EP545 MAR1995 (R2015))  
Public Review Date: Sep 27, 2019 | Final Action Date: Nov 12, 2019 | [Approved](#)
- ▶ ANSI/ASAE EP559.1 W/Corr. 1 AUG2010 (R202x), Design Requirements and Bending Properties for Mechanically Laminated Wood Assemblies (reaffirmation of ANSI/ASAE EP559.1 W/Corr. 1 AUG2010 (R2014))  
Public Review Date: Oct 11, 2019 | Final Action Date: Nov 26, 2019 | [Approved](#)
- ▶ ANSI/ASAE EP576.2-2012 (R2022), Lighting and Marking of Animal-Drawn Equipment (reaffirmation of ANSI/ASAE EP576.2-2012 (R2017))  
Public Review Date: Nov 4, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)
- ▶ ANSI/ASAE S229.6-DEC1976 (R2022), Baling Wire for Automatic Balers (reaffirmation of ANSI/ASAE S229.6-DEC1976 (R2017))  
Public Review Date: Nov 11, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)
- ▶ ANSI/ASAE S261.7-OCT96 (R2020), Design and Installation of Nonreinforced Concrete Irrigation Pipe Systems (reaffirmation of ANSI/ASAE S261.7-OCT96 (R2015))  
Public Review Date: Oct 2, 2020 | Final Action Date: Nov 17, 2020 | [Approved](#)
- ▶ ANSI/ASAE S276.8 APR2016 (R2020) Cor 1, Slow-Moving Vehicle Identification Emblem (SMV Emblem) (reaffirmation of ANSI/ASABE S276.8-2016)  
Public Review Date: Oct 16, 2020 | Final Action Date: Dec 1, 2020 | [Approved](#)
- ▶ ANSI/ASAE S277.2-1992 (R2022), Mounting Brackets and Socket for Warning Lamp and Slow-Moving Vehicle (SMV) Identification Emblem (reaffirmation of ANSI/ASAE S277.2-1992 (R2017))  
Public Review Date: Nov 4, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)
- ▶ ANSI/ASAE S279.18 MONYEAR-2019, Lighting and Marking of Agricultural Equipment on Highways (revision and redesignation of ANSI/ASAE S279.17-2013 (R2017))  
PINS Date: Feb 24, 2017 | Public Review Date: Apr 19, 2019 | Final Action Date: Oct 14, 2019 | [Approved](#)
- ▶ ANSI/ASAE S289.2 FEB1998 (R2018), Concrete Slip-Form Canal Linings (reaffirmation of ANSI/ASAE S289.2 FEB1998 (R2013))  
Public Review Date: Oct 12, 2018 | Final Action Date: Nov 29, 2018 | [Approved](#)
- ▶ ANSI/ASAE S296.5 DEC2003 (R2018), General Terminology for Traction of Agricultural Traction and Transport Devices and Vehicles (reaffirmation and redesignation of ANSI/ASAE S296.5 DEC2003 (R2013))  
Public Review Date: Oct 26, 2018 | Final Action Date: Dec 17, 2018 | [Approved](#)
- ▶ ANSI/ASAE S303.4-2007 (R2022), Test Procedure for Solids-Mixing Equipment for Animal Feeds (reaffirmation of ANSI/ASAE S303.4-2007 (R2017))  
Public Review Date: Sep 16, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)
- ▶ ANSI/ASAE S315.5-AUG2018 (R2022), Agricultural Baling Twine for Automatic Balers (reaffirmation of ANSI/ASAE S315.5-AUG2018)  
Public Review Date: Nov 11, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)

**ASABE (American Society of Agricultural and Biological Engineers)**

- ▶ ANSI/ASAE S318.18-JUN2017, Safety for Agricultural Field Equipment (revision and redesignation of ANSI/ASAE S318.17-2009)  
PINS Date: Mar 28, 2014 | Public Review Date: Jan 20, 2017 | Final Action Date: Jun 28, 2017 | [Approved](#)

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- ▶ ANSI/ASAE S318.19 MONYEAR, Safety for Agricultural Field Equipment (revision and redesignation of ANSI/ASAE S318.18 JUN2017)  
PINS Date: Jun 25, 2021 | Public Review Date: Jun 3, 2022 | Final Action Date: Oct 21, 2022 | [Approved](#)

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- ▶ ANSI/ASAE S319.4-2008 (R2022), Method of Determining and Expressing Fineness of Feed Materials by Sieving (reaffirmation of ANSI/ASAE S319.4-2008 (R2017))  
Public Review Date: Sep 16, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)

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- ▶ ANSI/ASAE S331.7 MONYEAR-2020, Implement Power Take-Off Drive Shaft Specifications (revision and redesignation of ANSI/ASAE S331.6-2015)  
PINS Date: Mar 20, 2020 | Public Review Date: Sep 11, 2020 | Final Action Date: Dec 3, 2020 | [Approved](#)

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- ▶ ANSI/ASAE S338.5 MAY2006 (R2020), Field Equipment for Agriculture — Safety Chain for Towed Equipment (reaffirmation of ANSI/ASAE S338.5 MAY2006 (R2016))  
Public Review Date: Oct 30, 2020 | Final Action Date: Dec 17, 2020 | [Approved](#)

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- ▶ ANSI/ASAE S351-1982 (R2022), Hand Signals for Use in Agriculture (reaffirmation of ANSI/ASAE S351-1982 (R2017))  
Public Review Date: Nov 19, 2021 | Final Action Date: Jan 6, 2022 | [Approved](#)

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- ▶ ANSI/ASAE S354.8 MONYEAR-2022, Safety for Farmstead Equipment (revision and redesignation of ANSI/ASAE S354.7-SEP2018)  
PINS Date: Jul 23, 2021 | Public Review Date: Feb 25, 2022 | Final Action Date: May 20, 2022 | [Approved](#)

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- ▶ ANSI/ASAE S355.5 SEP2015 (R2019), Safety Practices for Agricultural Front-End Loaders (reaffirmation of ANSI/ASAE S355.5 MONYEAR-2015)  
Public Review Date: Nov 1, 2019 | Final Action Date: Dec 17, 2019 | [Approved](#)

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- ▶ ANSI/ASAE S358.3 MAY2012 (R2021), Moisture Measurement - Forages (reaffirmation of ANSI/ASAE S358.3 MAY2012 (R2017))  
Public Review Date: Oct 8, 2021 | Final Action Date: Nov 29, 2021 | [Approved](#)

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- ▶ ANSI/ASAE S362.2 JAN1993 (R2019), Wiring and Equipment for Electrically Driven or Controlled Irrigation Machines (reaffirmation of ANSI/ASAE S362.2 JAN1993 (R2015))  
Public Review Date: Oct 25, 2019 | Final Action Date: Dec 19, 2019 | [Approved](#)

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- ▶ ANSI/ASAE S375.2-1996 (R2018), Capacity Ratings and Unloading Dimensions for Cotton Harvester Baskets (reaffirmation of ANSI/ASAE S375.2-1996 (R2013))  
Public Review Date: Oct 26, 2018 | Final Action Date: Dec 17, 2018 | [Approved](#)

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- ▶ ANSI/ASAE S376.3-2016 (R2020), Design, Installation and Performance of Underground, Thermoplastic Irrigation Pipes (reaffirmation of ANSI/ASAE S376.3-2016)  
Public Review Date: Oct 2, 2020 | Final Action Date: Nov 17, 2020 | [Approved](#)

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- ▶ ANSI/ASAE S390.7 (ISO 12934-2022) MONYEAR, Tractors and machinery for agriculture and forestry — Basic types — Vocabulary (identical national adoption of ISO 12934:2021 and revision of ANSI/ASAE S390.6 (ISO 12934:2013)-DEC16)  
PINS Date: Aug 6, 2021 | Public Review Date: Oct 1, 2021 | Final Action Date: Jan 18, 2022 | [Approved](#)

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- ▶ ANSI/ASAE S392.2 APR2005 (R2019), Cotton Module Builder and Transporter Standard (reaffirmation of ANSI/ASAE S392.2 APR2005 (R2015))  
Public Review Date: Nov 1, 2019 | Final Action Date: Dec 17, 2019 | [Approved](#)

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**ASABE (American Society of Agricultural and Biological Engineers)**

- ▶ ANSI/ASAE S397.4 NOV2013 (R2018), Electrical Service and Equipment for Irrigation (reaffirmation of ANSI/ASAE S397.4-NOV-2013)  
Public Review Date: Oct 19, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ ANSI/ASAE S401.2-AUG93 (R2022), Guidelines for Use of Thermal Insulation in Agricultural Buildings (reaffirmation of ANSI/ASAE S401.2-AUG93 (R2017))  
Public Review Date: Sep 16, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)

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- ▶ ANSI/ASAE S418.1 OCT2010 (R2019), Dimensions for Cylindrical Hydraulic Couplers for Lawn and Garden Tractors (reaffirmation of ANSI/ASAE S418.1 OCT2010 (R2014))  
Public Review Date: Nov 1, 2019 | Final Action Date: Dec 17, 2019 | [Approved](#)

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- ▶ ANSI/ASAE S422.1-2015 (R2019), Mapping Symbols and Nomenclature for Erosion and Sediment Control Plans for Land Disturbing Activities (reaffirmation of ANSI/ASAE S422.1-2015)  
Public Review Date: Sep 27, 2019 | Final Action Date: Nov 12, 2019 | [Approved](#)

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- ▶ ANSI/ASAE S423.1-MAR2014 (R2018), Thermal Performance Testing of Open-Loop Solar Ambient Air Heaters with Defined Inlet and Outlet Conditions (reaffirmation of ANSI/ASAE S423.1-2014)  
Public Review Date: Oct 12, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ ANSI/ASAE S424.1-SEP92 (R2022), Method of Determining and Expressing Particle Size of Chopped Forage Materials by Screening (reaffirmation of ANSI/ASAE S424.1-SEP92 (R2017))  
Public Review Date: Nov 19, 2021 | Final Action Date: Jan 6, 2022 | [Approved](#)

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- ▶ ANSI/ASAE S433.1 JAN2019, Loads Exerted by Free-Flowing Grain on Bins (revision and redesignation of ANSI/ASABE EP433 DEC1988 (R2015) W/Corr 1)  
PINS Date: Apr 22, 2011 | Public Review Date: Oct 5, 2018 | Final Action Date: Jan 11, 2019 | [Approved](#)

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- ▶ ANSI/ASAE S436.2 MONYEAR-2020, Field Test Procedure for Determining Irrigation Water Distribution Uniformity of Center Pivot and Lateral Move Systems (revision and redesignation of ANSI/ASAE S436.1-1997 (R2016))  
PINS Date: May 18, 2012 | Public Review Date: Mar 13, 2020 | Final Action Date: Jun 2, 2020 | [Approved](#)

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- ▶ ANSI/ASAE S448.2-2014 (R2022), Thin-Layer Drying of Agricultural Crops (reaffirmation of ANSI/ASAE S448.2-2014 (R2018))  
Public Review Date: Sep 16, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)

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- ▶ ANSI/ASAE S459-FEB93 (R2021), Shear and Three-Point Bending Test of Animal Bone (reaffirmation of ANSI/ASAE S459-FEB93 (R2017))  
Public Review Date: Oct 8, 2021 | Final Action Date: Nov 29, 2021 | [Approved](#)

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- ▶ ANSI/ASAE S472-MAR 88 (R2022), Terminology for Forage Harvesters and Forage Harvesting (reaffirmation of ANSI/ASAE S472-MAR 88 (R2017))  
Public Review Date: Nov 19, 2021 | Final Action Date: Jan 6, 2022 | [Approved](#)

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- ▶ ANSI/ASAE S478.1-2012 (R2022), Roll-Over Protective Structures (ROPS) for Compact Utility Tractors (reaffirmation of ANSI/ASAE S478.1-2012 (R2016))  
Public Review Date: Nov 19, 2021 | Final Action Date: Jan 6, 2022 | [Approved](#)

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- ▶ ANSI/ASAE S483.2 AUG2011 (R2020), Rotary Mower Blade Ductility Test (reaffirmation of ANSI/ASAE S483.2 AUG2011 (R2016))  
Public Review Date: Oct 16, 2020 | Final Action Date: Dec 1, 2020 | [Approved](#)

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- ▶ ANSI/ASAE S515-JAN94 (R2023), Pallet Load Transfer System for Vegetable Harvesters, Shuttle Vehicles, and Road Trucks (reaffirmation of ANSI/ASAE S515-JAN94 (R2017))  
Public Review Date: Nov 11, 2022 | Final Action Date: Jan 10, 2023 | [Approved](#)

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**ASABE (American Society of Agricultural and Biological Engineers)**

- ▶ ANSI/ASAE S521-DEC91 (R2022), Method of Determining Peanut Blanchability (reaffirmation of ANSI/ASAE S521-DEC91 (R2016))  
Public Review Date: Sep 16, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)
- ▶ ANSI/ASAE S572.3 MONYEAR-2020, Spray Nozzle Classification by Droplet Spectra (revision and redesignation of ANSI/ASAE S572.2-JUL2018)  
PINS Date: Aug 10, 2018 | Public Review Date: Nov 29, 2019 | Final Action Date: Feb 24, 2020 | [Approved](#)
- ▶ ANSI/ASAE S583.2 MONYEAR-2020, Safety for Agricultural Front End Loaders (new standard)  
PINS Date: Dec 27, 2019 | Public Review Date: Feb 21, 2020 | Final Action Date: May 14, 2020 | [Approved](#)
- ▶ ANSI/ASAE S604.3 MONYEAR-2020, Safety for Power Take-off (PTO), PTO Drive Shafts, and Power Input Connection (PIC) for Agricultural Field Equipment (revision of ANSI/ASABE S604.2-OCT2018)  
PINS Date: May 8, 2020 | Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)
- ▶ ANSI/ASAE/ISO 9190-2002 (R2022), Lawn and garden ride-on (riding) tractors — Drawbar (reaffirm a national adoption ANSI/ASAE/ISO 9190-2002 (R2017))  
Public Review Date: Nov 19, 2021 | Final Action Date: Jan 6, 2022 | [Approved](#)
- ▶ ANSI/ASAE/ISO 9191-2002 (R2022), Lawn and garden ride-on (riding) tractors — Three-point hitch (reaffirm a national adoption ANSI/ASAE/ISO 9191-2002 (R2017))  
Public Review Date: Nov 19, 2021 | Final Action Date: Jan 6, 2022 | [Approved](#)
- ▶ ANSI/ASAE/ISO 9192-2002 (R2022), Lawn and garden ride-on (riding) tractors — One-point tubular sleeve hitch (reaffirm a national adoption ANSI/ASAE/ISO 9192-2002 (R2017))  
Public Review Date: Nov 19, 2021 | Final Action Date: Jan 6, 2022 | [Approved](#)
- ▶ ANSI/ASAE/NFBA EP484.3-DEC2017 (R2022), Diaphragm Design of Metal-Clad, Wood-Frame Rectangular Buildings (reaffirmation and redesignation of ANSI/ASAE EP484.3-DEC2017)  
Public Review Date: Sep 16, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)
- ▶ ANSI/ASAE/NFBA EP486.3-2017 (R2021), Shallow Post and Pier Foundation Design (reaffirmation and redesignation of ANSI/ASAE EP486.3-2017)  
Public Review Date: Oct 8, 2021 | Final Action Date: Nov 29, 2021 | [Approved](#)

**ASB (ASC Z50) (American Society of Baking)**

243 Reade Drive, Cogan Station, PA 17728 | w: [www.asbe.org](http://www.asbe.org)

- ▶ ANSI/ASB Z50.1-2006 (R2016), Bakery Equipment - Safety Standards (reaffirmation of ANSI ASB Z50.1-2006 (R2011))  
PINS Date: Jul 22, 2011 | Public Review Date: May 20, 2016 | Final Action Date: Jul 14, 2016 | [Approved](#)
- ▶ ANSI/ASB Z50.2-2015 (R2020), Bakery Equipment - Sanitation Standards (reaffirmation of ANSI/ASB Z50.2-2015)  
PINS Date: May 8, 2020 | Public Review Date: Sep 11, 2020 | Final Action Date: Dec 1, 2020 | [Approved](#)

**ASC X9 (Accredited Standards Committee X9, Incorporated)**

275 West Street, Suite 107, Annapolis, MD 21401 | w: [www.x9.org](http://www.x9.org)

- ▶ ANSI X9.100-10-2021, Paper for MICR Documents (revision of ANSI X9.100-10-2016)  
PINS Date: Jan 29, 2021 | Public Review Date: Aug 27, 2021 | Final Action Date: Oct 12, 2021 | [Approved](#)
- ▶ ANSI X9.100-110-2021, Document Imaging Compatibility (revision of ANSI X9.100-110-2015)  
PINS Date: Jul 24, 2020 | Public Review Date: Jan 22, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)
- ▶ ANSI X9.100-111-2018, Check Endorsements (revision of ANSI X9.100-111-2015)  
PINS Date: Apr 27, 2018 | Public Review Date: Jun 8, 2018 | Final Action Date: Aug 7, 2018 | [Approved](#)

**ASC X9 (Accredited Standards Committee X9, Incorporated)**

- ▶ ANSI X9.100-120-2015 (R2021), Bank Deposit Tickets (reaffirmation of ANSI X9.100-120-2015)  
Public Review Date: Nov 20, 2020 | Final Action Date: Jan 7, 2021 | [Approved](#)

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- ▶ ANSI X9.100-130-2011 (S2022), Universal Interbank Batch/Bundle Ticket (stabilized maintenance of ANSI X9.100-130-2011 (R2017))  
Public Review Date: Jul 29, 2022 | Final Action Date: Oct 12, 2022 | [Approved](#)

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- ▶ ANSI X9.100-140-2018, Image Replacement Document (IRD) (revision of ANSI X9.100-140-2016)  
PINS Date: Apr 27, 2018 | Public Review Date: Jun 22, 2018 | Final Action Date: Aug 10, 2018 | [Approved](#)

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- ▶ ANSI X9.100-150-2010 (S2022), Check Carrier Envelopes (stabilized maintenance of ANSI X9.100-150-2010 (R2017))  
Public Review Date: Jul 29, 2022 | Final Action Date: Sep 22, 2022 | [Approved](#)

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- ▶ ANSI X9.100-151-2010 (S2022), Check Correction Strips (stabilized maintenance of ANSI X9.100-151-2010 (R2017))  
Public Review Date: Jul 29, 2022 | Final Action Date: Sep 23, 2022 | [Approved](#)

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- ▶ ANSI X9.100-160-1-2021, Magnetic Ink Printing (MICR) Part 1: Formatting MICR (revision of ANSI X9.100-160-1-2015)  
PINS Date: Nov 2, 2018 | Public Review Date: Jun 4, 2021 | Final Action Date: Jul 22, 2021 | [Approved](#)

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- ▶ ANSI X9.100-160-2-2020, Magnetic Ink Printing (MICR) - Part 2: EPC Field Use (revision and redesignation of ANSI X9.100-160 Part 2-2014)  
PINS Date: Aug 23, 2019 | Public Review Date: Nov 8, 2019 | Final Action Date: Jan 10, 2020 | [Approved](#)

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- ▶ ANSI X9.100-161-2010 (S2022), Creating MICR Document Specification Forms (stabilized maintenance of ANSI X9.100-161-2010 (R2017))  
Public Review Date: Jul 29, 2022 | Final Action Date: Sep 22, 2022 | [Approved](#)

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- ▶ ANSI X9.100-170-2010 (S2022), Check Fraud Deterrent Icon (stabilized maintenance of ANSI X9.100-170-2010 (R2017))  
Public Review Date: Jul 29, 2022 | Final Action Date: Sep 22, 2022 | [Approved](#)

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- ▶ ANSI X9.100-180-2006 (S2018), Specifications for Electronic Exchange of Check and Image Data (Non-Domestic) (stabilized maintenance of ANSI X9.100-180-2006 (R2013))  
PINS Date: May 11, 2018 | Public Review Date: Jun 15, 2018 | Final Action Date: Aug 10, 2018 | [Approved](#)

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- ▶ ANSI X9.100-181-2014 (R2021), TIFF Image Format for Image Exchange (reaffirmation of ANSI X9.100-181-2014)  
PINS Date: Sep 11, 2020 | Public Review Date: Dec 4, 2020 | Final Action Date: Jan 19, 2021 | [Approved](#)

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- ▶ ANSI X9.100-182-2011 (S2022), Bulk Image and Data Delivery (standard, XSD Schema, and TR 40) (stabilized maintenance of ANSI X9.100-182-2011 (R2017))  
Public Review Date: Jul 29, 2022 | Final Action Date: Sep 23, 2022 | [Approved](#)

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- ▶ ANSI X9.100-183-2010 (S2022), Electronic Check Adjustments (stabilized maintenance of ANSI X9.100-183-2010 (R2017))  
Public Review Date: Jul 29, 2022 | Final Action Date: Sep 22, 2022 | [Approved](#)

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- ▶ ANSI X9.100-187-2021, Electronic Exchange of Check and Image Data (revision of ANSI X9.100-187-2016)  
PINS Date: Jul 5, 2019 | Public Review Date: Jan 22, 2021 | Final Action Date: Nov 19, 2021 | [Approved](#)

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- ▶ ANSI X9.100-188-2018, Return Reasons for Check Image Exchange and IRDs (revision of ANSI X9.100-188-2016)  
PINS Date: Apr 20, 2018 | Public Review Date: Jun 8, 2018 | Final Action Date: Aug 3, 2018 | [Approved](#)

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- ▶ ANSI X9.100-189-2019, Savings Bond Paying Agent Virtual Stamp (new standard)  
PINS Date: Jul 6, 2018 | Public Review Date: May 31, 2019 | Final Action Date: Aug 8, 2019 | [Approved](#)

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**ASC X9 (Accredited Standards Committee X9, Incorporated)**

- ▶ ANSI X9.100-20-2021, Magnetic Ink Character Recognition: Printing MICR Characters (revision of ANSI X9.100-20 Parts 1, 2 & 3-2015)  
PINS Date: Oct 26, 2018 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 16, 2021 | [Approved](#)

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- ▶ ANSI X9.100-30-2011 (S2022), Optical Measurement Specifications for MICR Documents (stabilized maintenance of ANSI X9.100-30-2011 (R2017))  
Public Review Date: Jul 29, 2022 | Final Action Date: Sep 22, 2022 | [Approved](#)

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- ▶ ANSI X9.100-40-1, X9.100-40-2-2008 (S2022), Specifications for Check Image Tests Part 1: Definition of Elements and Structures Part 2: Application and Registration Procedures (stabilized maintenance of ANSI X9.100-40-1, X9.100-40-2-2008 (R2017))  
Public Review Date: Jul 29, 2022 | Final Action Date: Sep 22, 2022 | [Approved](#)

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- ▶ ANSI X9.101/ISO 6166-2003 (R2013), Securities and related financial instruments – International securities identification numbering systems (ISIN) (reaffirm a national adoption ANSI X9.101/ISO 6166-2003)  
PINS Date: May 4, 2012 | Public Review Date: Dec 21, 2012 | Final Action Date: Apr 15, 2013 | [Approved](#)

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- ▶ ANSI X9.102-2020, Symmetric Key Cryptography for the Financial Services Industry - Wrapping of Keys and Associated Data (revision of ANSI X9.102-2008 (R2017))  
PINS Date: Oct 19, 2018 | Public Review Date: Apr 24, 2020 | Final Action Date: May 26, 2020 | [Approved](#)

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- ▶ ANSI X9.103-2004 (R2018), Motor Vehicle Retail Sale and Lease Electronic Contracting (reaffirmation of ANSI X9.103-2004 (R2010))  
Public Review Date: Jan 19, 2018 | Final Action Date: Mar 6, 2018 | [Approved](#)

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- ▶ ANSI X9.104-1-2004 (R2017), Financial transactions card originated messages - Card acceptor to acquiring host messages: Messages, data elements and code values (reaffirmation of ANSI X9.104, Part 1-2004 (R2010))  
PINS Date: Sep 16, 2016 | Public Review Date: Oct 28, 2016 | Final Action Date: Jan 3, 2017 | [Approved](#)

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- ▶ ANSI X9.104, Part 2-2004 (R2016), Financial transaction card originated messages - Card acceptor to acquiring host messages - Part 2 Convenience store and petroleum marketing industry (reaffirmation of ANSI X9.104, Part 2-2004 (R2010))  
Public Review Date: Oct 28, 2016 | Final Action Date: Dec 15, 2016 | [Approved](#)

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- ▶ ANSI X9.105-1-2009/ISO 8583-1-2009 (R2019), Financial transaction card originated messages - Interchange message specifications - Part 1: Messages, data elements, and code values (reaffirm a national adoption ANSI X9.105 Part 1-2009)  
PINS Date: Nov 16, 2018 | Public Review Date: Dec 21, 2018 | Final Action Date: Feb 13, 2019 | [Approved](#)

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- ▶ ANSI X9.105-3-2009/ISO 8583-3-2008 (R2019), Financial transaction card originated messages - Interchange message specifications - Part 3: Maintenance Procedures for messages, data elements and code values (reaffirm a national adoption ANSI X9.105-3-2009)  
PINS Date: Nov 16, 2018 | Public Review Date: Dec 21, 2018 | Final Action Date: Mar 19, 2019 | [Approved](#)

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- ▶ ANSI X9.106-2003/ISO 18245 (R2019), Retail Financial Services - Merchant Category Codes (reaffirm a national adoption ANSI X9.106-2003/ISO 18245 (R2013))  
PINS Date: Nov 16, 2018 | Public Review Date: Dec 7, 2018 | Final Action Date: Feb 8, 2019 | [Approved](#)

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- ▶ ANSI X9.107-2003/ISO 4909, Bank cards-Magnetic stripe data content for track 3 (identical national adoption of ISO 4909:2000)  
Public Review Date: Oct 3, 2003 | Final Action Date: Dec 17, 2003 | [Approved](#)

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- ▶ ANSI X9.110-2008 (R2020), Transfer of Location of Electronic Contracts (reaffirmation of ANSI X9.110-2008 (R2013))  
Public Review Date: Nov 1, 2019 | Final Action Date: Dec 19, 2019 | [Approved](#)

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- ▶ ANSI X9.111-2018, Penetration Testing within the Financial Services Industry (revision of ANSI X9.111-2011 (R2017))  
PINS Date: Apr 8, 2016 | Public Review Date: Dec 22, 2017 | Final Action Date: Feb 28, 2018 | [Approved](#)

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**ASC X9 (Accredited Standards Committee X9, Incorporated)**

- ▶ ANSI X9.112-1-2016, Wireless Management and Security - Part 1: General Requirements (revision of ANSI X9.112-1-2009)

PINS Date: Oct 9, 2015 | Public Review Date: Dec 4, 2015 | Final Action Date: May 18, 2016 | [Approved](#)

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- ▶ ANSI X9.112-2-2020, Wireless Management and Published Security Part 2: POS and ATM (revision of ANSI X9.112-2-2014)

PINS Date: May 3, 2019 | Public Review Date: Jun 19, 2020 | Final Action Date: Aug 28, 2020 | [Approved](#)

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- ▶ ANSI X9.112-3-2018, Wireless Management and Security Part 3: Mobile Banking (new standard)

PINS Date: Jan 1, 2010 | Public Review Date: Apr 6, 2018 | Final Action Date: Jul 10, 2018 | [Approved](#)

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- ▶ ANSI X9.116-1, ISO 20022-1-2008, Financial Services - UNIversal Financial Industry message scheme - Part 1: Overall methodology and format specifications for inputs and outputs from ISO 20022 repository (identical national adoption of ISO 20022-1)

PINS Date: May 9, 2008 | Public Review Date: May 30, 2008 | Final Action Date: Oct 21, 2008 | [Approved](#)

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- ▶ ANSI X9.116-2, ISO 20022-2-2008, Financial services - UNIversal Financial Industry message scheme - Part 2: Roles and responsibilities of the registration bodies (identical national adoption of ISO 20022-2)

PINS Date: May 9, 2008 | Public Review Date: May 30, 2008 | Final Action Date: Oct 21, 2008 | [Approved](#)

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- ▶ ANSI X9.117-2020, Secure Remote Access Mutual Authentication (revision of ANSI X9.117-2012)

PINS Date: Feb 10, 2017 | Public Review Date: Dec 6, 2019 | Final Action Date: Jan 23, 2020 | [Approved](#)

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- ▶ ANSI X9.119-1-2016, Retail Financial Services - Requirements for Protection of Sensitive Payment Card Data - Part 1: Using Encryption Methods (revision of ANSI X9.119-1-2013)

PINS Date: Jun 19, 2015 | Public Review Date: Mar 25, 2016 | Final Action Date: May 19, 2016 | [Approved](#)

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- ▶ ANSI X9.119-2-2017, Requirements for Protection of Sensitive Payment Card Data - Part 2: Using Tokenization Methods (new standard)

PINS Date: Nov 1, 2013 | Public Review Date: Oct 9, 2015 | Final Action Date: Aug 3, 2017 | [Approved](#)

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- ▶ ANSI X9.12-1991 (S2017), Specifications for Fully Registered Municipal Securities (stabilized maintenance of ANSI X9.12-1991 (R2007))

PINS Date: Jan 27, 2017 | Public Review Date: Oct 13, 2017 | Final Action Date: Dec 18, 2017 | [Approved](#)

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- ▶ ANSI X9.121-2016 (R2021), Balance and Transaction Reporting Standard BTRS Version 3.1 (BTR3) (reaffirmation of ANSI X9.121-2016)

Public Review Date: Oct 8, 2021 | Final Action Date: Nov 30, 2021 | [Approved](#)

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- ▶ ANSI X9.122-2020, Secure Consumer Authentication for Internet Debit Transactions (new standard)

PINS Date: Dec 18, 2009 | Public Review Date: Dec 6, 2019 | Final Action Date: Jan 24, 2020 | [Approved](#)

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- ▶ ANSI X9.124-1-2020, Symmetric Key Cryptography for the Financial Services Industry Format Preserving Encryption – Part 1: Definitions and Model (new standard)

PINS Date: Apr 8, 2011 | Public Review Date: Jul 27, 2018 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ ANSI X9.124-2-2018, Symmetric Key Cryptography For the Financial Services Industry — Format Preserving Encryption- Part 2:Key Stream with Counter Mode (new standard)

PINS Date: Dec 9, 2016 | Public Review Date: Jan 20, 2017 | Final Action Date: Feb 14, 2018 | [Approved](#)

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- ▶ ANSI X9.124-5-2021, Format Preserving Encryption of Financial Information-Part 5 (new standard)

PINS Date: Jan 26, 2018 | Public Review Date: Aug 31, 2018 | Final Action Date: Jan 14, 2021 | [Approved](#)

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- ▶ ANSI X9.126/ISO 17442-2013, Legal Entity Identifier (LEI) (identical national adoption of ISO 17442)

PINS Date: Oct 19, 2012 | Public Review Date: Dec 14, 2012 | Final Action Date: Mar 13, 2013 | [Approved](#)

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**ASC X9 (Accredited Standards Committee X9, Incorporated)**

- ▶ ANSI X9.129-2017, Electronic File Format Standards for Presentment and Remittance of Legal Orders (revision of ANSI X9.129-2016)

Public Review Date: Oct 20, 2017 | Final Action Date: Dec 12, 2017 | [Approved](#)

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- ▶ ANSI X9.129-2020, Electronic File Format Standards for Presentment and Remittance of Legal Orders (revision of ANSI X9.129-2017)

Public Review Date: Nov 22, 2019 | Final Action Date: Jan 28, 2020 | [Approved](#)

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- ▶ ANSI X9.129-2020, Electronic File Format Standards for Presentment and Remittance of Legal Orders, Version 3 (revision of ANSI X9.129-2020)

Public Review Date: May 22, 2020 | Final Action Date: Jun 23, 2020 | [Approved](#)

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- ▶ ANSI X9.131-2015 (R2022), Financial transaction messages - Electronic benefits transfer (EBT) – WIC retailer interface (reaffirmation of ANSI X9.131-2015)

PINS Date: Jul 1, 2022 | Public Review Date: Sep 2, 2022 | Final Action Date: Oct 18, 2022 | [Approved](#)

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- ▶ ANSI X9.134-1/ISO 12812-2020, Core Banking: Mobile Financial Services – General Framework (national adoption with modifications of ISO 12812 Part 1)

PINS Date: Aug 31, 2018 | Public Review Date: Nov 29, 2019 | Final Action Date: Jan 14, 2020 | [Approved](#)

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- ▶ ANSI X9.134-2-2021, Security and Data Protection for Mobile Financial Services (national adoption with modifications of ISO 12812-2)

PINS Date: Oct 4, 2019 | Public Review Date: Dec 18, 2020 | Final Action Date: Feb 9, 2021 | [Approved](#)

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- ▶ ANSI X9.134-3-2022, Mobile Financial Services – Part 3: Financial Application Lifecycle and Management (national adoption with modifications of ISO 12812)

PINS Date: Jun 12, 2020 | Public Review Date: Jan 28, 2022 | Final Action Date: Mar 28, 2022 | [Approved](#)

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- ▶ ANSI X9.134-4-2022, Core Banking: Mobile Financial Services – Part 4: Mobile Payments-to-Persons (national adoption with modifications of ISO 12812 Part 4)

PINS Date: Jul 3, 2020 | Public Review Date: Jan 28, 2022 | Final Action Date: Mar 28, 2022 | [Approved](#)

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- ▶ ANSI X9.134-5-2022, Mobile Financial Services – Part 5: Mobile Payments to Businesses (national adoption with modifications of ISO 12812-Part 5)

PINS Date: Mar 11, 2022 | Public Review Date: Jun 17, 2022 | Final Action Date: Aug 24, 2022 | [Approved](#)

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- ▶ ANSI X9.138-2020, Distributed Ledger Technologies Terminology (new standard)

PINS Date: Feb 9, 2018 | Public Review Date: Aug 28, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ ANSI X9.141-1-2021, Financial and Personal Data Protection and Breach Notification Standard Part 1: Data Protection (new standard)

PINS Date: Jan 19, 2018 | Public Review Date: Aug 27, 2021 | Final Action Date: Oct 12, 2021 | [Approved](#)

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- ▶ ANSI X9.141-2-2021, Financial and Personal Data Protection and Breach Notification Standard Part 2: Breach Notification (new standard)

PINS Date: Jan 19, 2018 | Public Review Date: Aug 27, 2021 | Final Action Date: Oct 12, 2021 | [Approved](#)

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- ▶ ANSI X9.142-2020, Public Key Cryptography: The Elliptic Curve Digital Signature Algorithm (ECDSA) (new standard)

PINS Date: Apr 27, 2018 | Public Review Date: Jul 24, 2020 | Final Action Date: Sep 10, 2020 | [Approved](#)

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- ▶ ANSI X9.143-2022, Interoperable Secure Key Exchange Key Block Specification for Symmetric Algorithms (revision of ANSI X9.143-2021)

PINS Date: Jun 25, 2021 | Public Review Date: Mar 11, 2022 | Final Action Date: May 6, 2022 | [Approved](#)

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- ▶ ANSI X9.145-2021, Framework for Financial Instrument Identification (new standard)

PINS Date: Jul 26, 2019 | Public Review Date: Jan 8, 2021 | Final Action Date: Jul 29, 2021 | [Approved](#)

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**ASC X9 (Accredited Standards Committee X9, Incorporated)**

- ▶ ANSI X9.24-1-2020, Retail Financial Services Symmetric Key Management Part 1: Using Symmetric Techniques (revision and redesignation of ANSI X9.24 Part 1-2017)  
PINS Date: Mar 16, 2018 | Public Review Date: Apr 10, 2020 | Final Action Date: May 28, 2020 | [Approved](#)

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- ▶ ANSI X9.24-2-2021, Retail Financial Services Symmetric Key Management Part 2: Using Asymmetric Techniques for the Distribution of Symmetric Keys (revision of ANSI X9.24-2-2016)  
PINS Date: Mar 16, 2018 | Public Review Date: Jul 30, 2021 | Final Action Date: Sep 30, 2021 | [Approved](#)

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- ▶ ANSI X9.24-3-2017, X9.24-3 Retail Financial Services Symmetric Key Management Part 3: Derived Unique Key per Transaction (new standard)  
PINS Date: Aug 5, 2016 | Public Review Date: Aug 18, 2017 | Final Action Date: Oct 11, 2017 | [Approved](#)

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- ▶ ANSI X9.42-2003 (R2013), Public Key Cryptography for Financial Services Industry: Agreement of Symmetric Keys Using Discrete Logarithm Cryptography (reaffirmation of ANSI X9.42-2003)  
Public Review Date: Dec 28, 2012 | Final Action Date: Apr 15, 2013 | [Approved](#)

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- ▶ ANSI X9.44-2007 (R2017), Key Establishment Using Integer Factorization Cryptography (reaffirmation of ANSI X9.44-2007)  
Public Review Date: Dec 16, 2016 | Final Action Date: Feb 2, 2017 | [Approved](#)

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- ▶ ANSI X9.58-2022, Financial transaction messages — Electronic Benefits Transfer (EBT) — Supplemental Nutrition Assistance Program (SNAP) and cash benefit programs (revision of ANSI X9.58-2010)  
PINS Date: May 11, 2018 | Public Review Date: Aug 6, 2021 | Final Action Date: Apr 28, 2022 | [Approved](#)

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- ▶ ANSI X9.59-2006 (R2022), Electronic Commerce for the Financial Services Industry: Account-Based Secure Payment Objects (reaffirmation of ANSI X9.59-2006 (R2013))  
PINS Date: Oct 22, 2021 | Public Review Date: Jun 10, 2022 | Final Action Date: Jul 26, 2022 | [Approved](#)

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- ▶ ANSI X9.6-2020, Committee on Uniform Security Identification Procedures Securities Identification (CUSIP) (revision of ANSI X9.6-2014)  
PINS Date: Feb 28, 2020 | Public Review Date: Nov 6, 2020 | Final Action Date: Dec 22, 2020 | [Approved](#)

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- ▶ ANSI X9.63-2011 (R2017), Key Agreement and Key Management Using Elliptic Curve-Based Cryptography (reaffirmation of ANSI X9.63-2011)  
PINS Date: Nov 25, 2016 | Public Review Date: Dec 16, 2016 | Final Action Date: Feb 2, 2017 | [Approved](#)

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- ▶ ANSI X9.69-2017, Framework for Key Management Extensions (revision of ANSI X9.69-2007)  
PINS Date: Feb 10, 2017 | Public Review Date: Jul 28, 2017 | Final Action Date: Sep 19, 2017 | [Approved](#)

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- ▶ ANSI X9.73-2017, Cryptographic Message Syntax - ASN.1 and XML (revision of ANSI X9.73-2010 (R2017))  
PINS Date: Apr 28, 2017 | Public Review Date: Aug 11, 2017 | Final Action Date: Sep 28, 2017 | [Approved](#)

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- ▶ ANSI X9.79 - Part 4-2013, Public Key Infrastructure (PKI) – Part 4: Asymmetric Key Management (new standard)  
PINS Date: Oct 23, 2009 | Public Review Date: Nov 16, 2012 | Final Action Date: Feb 5, 2013 | [Approved](#)

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- ▶ ANSI X9.8-1-2019/ISO 9564-1-2019, Personal identification number (PIN) management and security — Part 1: Basic principles and requirements for PINs in card-based systems (identical national adoption of ISO 9564-1:2017 and revision of ANSI X9.8-1-2015)  
PINS Date: Apr 12, 2019 | Public Review Date: Jul 5, 2019 | Final Action Date: Aug 22, 2019 | [Approved](#)

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- ▶ ANSI X9.80-2020, Prime Number Generation, Primality Testing, and Primality Certificates (revision of ANSI X9.80-2005 (R2013))  
PINS Date: Apr 14, 2017 | Public Review Date: Jan 31, 2020 | Final Action Date: Apr 9, 2020 | [Approved](#)

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- ▶ ANSI X9.82 Part 1-2006 (R2013), Random Number Generation Part 1: Overview and Basic Principles (reaffirmation of ANSI X9.82 Part 1-2006)  
PINS Date: May 4, 2012 | Public Review Date: Dec 28, 2012 | Final Action Date: Apr 15, 2013 | [Approved](#)

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**ASC X9 (Accredited Standards Committee X9, Incorporated)**

- ▶ ANSI X9.82-2-2015, X9.82-2 Random Number Generation - Part 2: Entropy Sources (new standard)  
PINS Date: Apr 11, 2014 | Public Review Date: Jun 19, 2015 | Final Action Date: Sep 14, 2015 | [Approved](#)

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- ▶ ANSI X9.82-3-2007 (R2017), Random Number Generation Part 3: Deterministic Random Bit Generator Mechanisms (reaffirmation of ANSI X9.82 Part 3-2007)  
Public Review Date: Nov 25, 2016 | Final Action Date: Jan 11, 2017 | [Approved](#)

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- ▶ ANSI X9.82-4-2011 (R2017), Random Number Generation - Part 4: Random Bit Generator Constructions (reaffirmation of ANSI X9.82-4-2011)  
PINS Date: Nov 25, 2016 | Public Review Date: Dec 16, 2016 | Final Action Date: Feb 2, 2017 | [Approved](#)

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- ▶ ANSI X9.84-2018, Biometric Information Management & Security for the Financial Services Industry (revision of ANSI X9.84-2010 (R2017))  
PINS Date: Apr 28, 2017 | Public Review Date: Nov 3, 2017 | Final Action Date: Apr 20, 2018 | [Approved](#)

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- ▶ ANSI X9.92-1-2009 (R2017), Public Key Cryptography for the Financial Services Industry Digital Signature Algorithms Giving Partial Message Recovery - Part 1: Elliptic Curve Pintsov-Vanstone Signatures (ECPVS) (reaffirmation of ANSI X9.92 Part 1-2009)  
PINS Date: Nov 25, 2016 | Public Review Date: Dec 16, 2016 | Final Action Date: Feb 2, 2017 | [Approved](#)

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- ▶ ANSI X9.93-1-2014, Financial Transaction Message - Electronic Benefits Transfer - Part 1: Messages (revision of ANSI X9.93-1-2008)  
PINS Date: Jul 20, 2012 | Public Review Date: Dec 20, 2013 | Final Action Date: Feb 6, 2014 | [Approved](#)

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- ▶ ANSI X9.93-1-2022, Financial Transaction Message - Electronic Benefits Transfer - Part 1: Messages (revision of ANSI X9.93-1-2014)  
Public Review Date: Jun 10, 2022 | Final Action Date: Jul 28, 2022 | [Approved](#)

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- ▶ ANSI X9.93-2-2014, Financial transaction messages - Electronic Benefits Transfer (EBT) - Part 2: Files (revision of ANSI X9.93-2-2008)  
PINS Date: Jul 20, 2012 | Public Review Date: Nov 1, 2013 | Final Action Date: Feb 6, 2014 | [Approved](#)

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- ▶ ANSI X9.93-2-2022, Financial transaction messages - Electronic Benefits Transfer (EBT) Part 2: Files (revision of ANSI X9.93-2-2014)  
Public Review Date: Jun 10, 2022 | Final Action Date: Jul 28, 2022 | [Approved](#)

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- ▶ ANSI X9.95-2022, Trusted Time Stamp Management and Security (revision of ANSI X9.95-2016)  
PINS Date: Jun 3, 2022 | Public Review Date: Jul 22, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)

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- ▶ ANSI X9.97-1-2009 (R2017), Secure Cryptographic Devices (Retail) - Part 1: Concepts, Requirements and Evaluation Methods (reaffirmation of ANSI X9.97-1-2009)  
PINS Date: Nov 25, 2016 | Public Review Date: Dec 16, 2016 | Final Action Date: Feb 2, 2017 | [Approved](#)

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- ▶ ANSI X9.97-2-2009 (R2017), Secure Cryptographic Devices (Retail) - Part 2: Security Compliance Checklists for Devices Used in Financial Transactions (reaffirm a national adoption ANSI X9.97-2-2009)  
Public Review Date: Dec 16, 2016 | Final Action Date: Feb 2, 2017 | [Approved](#)

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- ▶ ANSI X9.98-2010 (R2017), Lattice-Based Polynomial Public Key Encryption Algorithm - Part 1: Key Establishment; Part 2: Data Encryption (reaffirmation of ANSI X9.98-2010)  
PINS Date: Nov 25, 2016 | Public Review Date: Dec 16, 2016 | Final Action Date: Feb 2, 2017 | [Approved](#)

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- ▶ ANSI X9.99-2009 (R2020), Privacy Impact Assessment (reaffirmation of ANSI X9.99/ISO 22307-2009)  
PINS Date: May 29, 2020 | Public Review Date: Jul 17, 2020 | Final Action Date: Sep 1, 2020 | [Approved](#)

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**ASCA (Accredited Snow Contractors Association)**

4012 Kinross Lakes Parkway, #201, Valley View, OH 44125 | w: [www.ascaonline.org](http://www.ascaonline.org)

- ▶ ANSI/ASCA A1000-2019, System Requirements for Snow and Ice Management (revision of ANSI/ASCA A1000-2014)  
PINS Date: Feb 1, 2019 | Public Review Date: May 17, 2019 | Final Action Date: Jul 1, 2019 | [Approved](#)

**ASCE (American Society of Civil Engineers)**

1801 Alexander Bell Drive, Reston, VA 20191-4400 | w: [www.asce.org](http://www.asce.org)

- ▶ ANSI/ASCE/CI 67-2017, SCHEDULE DELAY ANALYSIS STANDARD (new standard)  
PINS Date: Oct 25, 2013 | Public Review Date: Feb 12, 2016 | Final Action Date: Apr 4, 2017 | [Approved](#)
- ▶ ANSI/ASCE/CI 71-2021, Identifying, Quantifying, and Proving Loss of Productivity (new standard)  
PINS Date: Mar 13, 2020 | Public Review Date: Oct 2, 2020 | Final Action Date: Jan 19, 2021 | [Approved](#)
- ▶ ANSI/ASCE/EWRI 12/13/14-2013, ASCE/EWRI 12-05 Standard Guidelines for the Design of Urban Subsurface Drainage; ASCE/EWRI 13-05 Standard Guidelines for the Installation of Urban Subsurface Drainage; and ASCE/EWRI 14-05 Standard Guidelines for the Operation and Maintenance of Urban Subsurface Drainage with material developed within the past five years. (new standard)  
PINS Date: Nov 30, 2012 | Public Review Date: Dec 28, 2012 | Final Action Date: Apr 24, 2013 | [Approved](#)
- ▶ ANSI/ASCE/EWRI 39-2015, Guidelines for Operational Hail Suppression Programs (new standard)  
PINS Date: Jan 24, 2014 | Public Review Date: Sep 26, 2014 | Final Action Date: Mar 5, 2015 | [Approved](#)
- ▶ ANSI/ASCE/EWRI 42-2017, Standard Practice for the Design, Conduct, and Evaluation of Operational Precipitation Enhancement Projects (new standard)  
PINS Date: Dec 4, 2015 | Public Review Date: Jun 24, 2016 | Final Action Date: Nov 7, 2016 | [Approved](#)
- ▶ ANSI/ASCE/EWRI 44-2013, Standard Practice for the Design and Operation of Supercooled Fog Dispersal Projects (new standard)  
PINS Date: Dec 21, 2012 | Public Review Date: Feb 15, 2013 | Final Action Date: Sep 9, 2013 | [Approved](#)
- ▶ ANSI/ASCE/EWRI 45-46-47-2016, ASCE/EWRI 45 Standard Guidelines for the Design of Urban Stormwater Systems ASCE/EWRI 46 Standard Guidelines for the Installation of Urban Stormwater Systems ASCE/EWRI 47 Standard Guidelines for the Operation and Maintenance of Urban Stormwater Systems (new standard)  
PINS Date: Feb 22, 2013 | Public Review Date: Sep 26, 2014 | Final Action Date: Aug 10, 2016 | [Approved](#)
- ▶ ANSI/ASCE/EWRI 50-2016, Standard Guideline for Fitting Saturated Hydraulic Conductivity Using Probability Density Functions (new standard)  
PINS Date: Mar 11, 2016 | Public Review Date: Jun 3, 2016 | Final Action Date: Nov 16, 2016 | [Approved](#)
- ▶ ANSI/ASCE/EWRI 51-2016, Standard Guideline for Calculating the Effective Saturated Hydraulic Conductivity (new standard)  
PINS Date: Mar 11, 2016 | Public Review Date: Jun 3, 2016 | Final Action Date: Nov 16, 2016 | [Approved](#)
- ▶ ANSI/ASCE/EWRI 54-2016, Standard Guideline for the Geostatistical Estimation and Block- Averaging of Homogeneous and Isotropic Saturated Hydraulic Conductivity (new standard)  
PINS Date: Mar 11, 2016 | Public Review Date: Jun 3, 2016 | Final Action Date: Nov 16, 2016 | [Approved](#)
- ▶ ANSI/ASCE/EWRI 56-10/57-10-2014, Guidelines for the Physical Security of Water Utilities; Guidelines for the Physical Security of Wastewater/Stormwater Utilities (supplement to ANSI/ASCE/EWRI 56-2011)  
PINS Date: Sep 20, 2013 | Public Review Date: Nov 29, 2013 | Final Action Date: Oct 2, 2014 | [Approved](#)
- ▶ ANSI/ASCE/EWRI 56-2011, Guidelines for the Physical Security of Water Utilities (new standard)  
PINS Date: Jun 20, 2008 | Public Review Date: Sep 10, 2010 | Final Action Date: Feb 3, 2011 | [Approved](#)

**ASCE (American Society of Civil Engineers)**

- ▶ ANSI/ASCE/EWRI 57-2011, Guidelines for the Physical Security of Wastewater/Stormwater Utilities (new standard)  
PINS Date: Jun 20, 2008 | Public Review Date: Sep 10, 2010 | Final Action Date: Feb 3, 2011 | [Approved](#)
- ▶ ANSI/ASCE/EWRI 62-2016, Standard Guidelines for the Design of Stormwater Impoundments (new standard)  
PINS Date: Feb 19, 2016 | Public Review Date: Apr 15, 2016 | Final Action Date: Oct 5, 2016 | [Approved](#)
- ▶ ANSI/ASCE/EWRI 63-2016, Standard Guidelines for the Installation of Stormwater Impoundments (new standard)  
PINS Date: Feb 19, 2016 | Public Review Date: Apr 15, 2016 | Final Action Date: Oct 5, 2016 | [Approved](#)
- ▶ ANSI/ASCE/EWRI 64-2016, Standard Guidelines for the Operation and Maintenance of Stormwater Impoundments (new standard)  
PINS Date: Feb 19, 2016 | Public Review Date: Apr 15, 2016 | Final Action Date: Oct 11, 2016 | [Approved](#)
- ▶ ANSI/ASCE/EWRI 65-2016, Calculation of the Saturated Hydraulic Conductivity of Fine-Grained Soils (new standard)  
PINS Date: Jan 22, 2016 | Public Review Date: Jun 3, 2016 | Final Action Date: Nov 16, 2016 | [Approved](#)
- ▶ ANSI/ASCE/EWRI 66-2017, Management Practices for Control of Erosion and Sediment from Construction Activities (new standard)  
PINS Date: Jun 3, 2016 | Public Review Date: Jul 22, 2016 | Final Action Date: Feb 17, 2017 | [Approved](#)
- ▶ ANSI/ASCE/SEI 25-2016, Earthquake Actuated Gas Shutoff Valves (revision of ANSI/ASCE/SEI 25-2007)  
PINS Date: Jun 28, 2013 | Public Review Date: Aug 9, 2013 | Final Action Date: Sep 2, 2016 | [Approved](#)
- ▶ ANSI/ASCE/T&DI 21-2021, Automated People Mover Standard (revision of ANSI/ASCE T&DI 21-2013)  
PINS Date: Sep 8, 2017 | Public Review Date: Jun 5, 2020 | Final Action Date: Jan 21, 2021 | [Approved](#)

**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

180 Technology Parkway, Peachtree Corners, GA 30092 | w: [www.ashrae.org](http://www.ashrae.org)

- ▶ ANSI/ASHRA 62.1c-2018, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)  
Public Review Date: Sep 8, 2017 | Final Action Date: Jul 25, 2018 | [Approved](#)
- ▶ ANSI/ASHRA 62.1r-2018, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)  
Public Review Date: Mar 23, 2018 | Final Action Date: Jul 25, 2018 | [Approved](#)
- ▶ ANSI/ASHRAE 135ak-2012, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2010)  
Public Review Date: Sep 2, 2011 | Final Action Date: Jun 28, 2012 | [Approved](#)
- ▶ ANSI/ASHRAE 62.2k-2016, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)  
Public Review Date: Sep 4, 2015 | Final Action Date: Jun 30, 2016 | [Approved](#)
- ▶ ANSI/ASHRAE 135.1a-2006, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE 135.1-2003)  
Public Review Date: May 13, 2005 | Final Action Date: Jan 27, 2006 | [Approved](#)
- ▶ ANSI/ASHRAE 135.1b-2009, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2007)  
Public Review Date: Mar 16, 2007 | Final Action Date: Jun 25, 2009 | [Approved](#)
- ▶ ANSI/ASHRAE 135.1c-2007, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE 135.1-2006)  
Public Review Date: Mar 16, 2007 | Final Action Date: Jun 28, 2007 | [Approved](#)

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- ▶ ANSI/ASHRAE 135.1i-2011, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1 -2009)

Public Review Date: Sep 10, 2010 | Final Action Date: Feb 3, 2011 | [Approved](#)

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- ▶ ANSI/ASHRAE 135.1j-2012, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1 -2009)

Public Review Date: Sep 2, 2011 | Final Action Date: Jun 28, 2012 | [Approved](#)

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- ▶ ANSI/ASHRAE 135.1p-2018, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1 -2013)

Public Review Date: Nov 4, 2016 | Final Action Date: Jun 1, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE 135.1q-2018, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1 -2013)

Public Review Date: Sep 7, 2018 | Final Action Date: Dec 7, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE 135.1r-2018, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1 -2013)

Public Review Date: Jan 27, 2017 | Final Action Date: Jun 1, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE 135a-2005, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE 135-2004 )

Public Review Date: Apr 16, 2004 | Final Action Date: Feb 10, 2005 | [Approved](#)

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- ▶ ANSI/ASHRAE 135aa-2012, A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2010)

Public Review Date: Sep 2, 2011 | Final Action Date: Jul 26, 2012 | [Approved](#)

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- ▶ ANSI/ASHRAE 135ad-2011, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)

Public Review Date: Feb 4, 2011 | Final Action Date: Jun 30, 2011 | [Approved](#)

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- ▶ ANSI/ASHRAE 135ae-2011, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)

Public Review Date: Mar 25, 2011 | Final Action Date: Jun 30, 2011 | [Approved](#)

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- ▶ ANSI/ASHRAE 135af-2011, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)

Public Review Date: Feb 4, 2011 | Final Action Date: Jun 30, 2011 | [Approved](#)

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- ▶ ANSI/ASHRAE 135ag-2011, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)

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- ▶ ANSI/ASHRAE 135ah-2011, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)

Public Review Date: Oct 22, 2010 | Final Action Date: Mar 3, 2011 | [Approved](#)

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- ▶ ANSI/ASHRAE 135ai-2014, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)

Public Review Date: Jul 11, 2014 | Final Action Date: Dec 31, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE 135aj-2016, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE 135al-2014, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)

Public Review Date: Mar 22, 2013 | Final Action Date: Dec 31, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE 135am-2016, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)

Public Review Date: Oct 30, 2015 | Final Action Date: May 2, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE 135aq-2016, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)

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- ▶ ANSI/ASHRAE 135as-2014, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)

Public Review Date: Jul 11, 2014 | Final Action Date: Dec 31, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE 135ay-2014, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)

Public Review Date: Mar 7, 2014 | Final Action Date: Dec 31, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE 135b-2008, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE 135-2004)

Public Review Date: Mar 21, 2008 | Final Action Date: Oct 27, 2008 | [Approved](#)

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- ▶ ANSI/ASHRAE 135ba-2016, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)

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- ▶ ANSI/ASHRAE 135bc-2016, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)

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- ▶ ANSI/ASHRAE 135bd-2018, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)

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- ▶ ANSI/ASHRAE 135be-2018, BACnet \_ A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)

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- ▶ ANSI/ASHRAE 135bf-2016, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)

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- ▶ ANSI/ASHRAE 135bg-2016, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)

Public Review Date: Jul 31, 2015 | Final Action Date: Mar 1, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE 135bh-2016, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)

Public Review Date: Jul 31, 2015 | Final Action Date: Mar 1, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE 135bi-2018, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE 135bk-2018, BACnet - A Data Communication Protocol for Building Automation and Control Networks  
(addenda to ANSI/ASHRAE Standard 135-2016)

Public Review Date: Jan 27, 2017 | Final Action Date: Jun 14, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE 135bl-2018, BACnet - A Data Communication Protocol for Building Automation and Control Networks  
(addenda to ANSI/ASHRAE Standard 135-2016)

Public Review Date: Jan 27, 2017 | Final Action Date: Jun 14, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE 135bm-2018, BACnet - A Data Communication Protocol for Building Automation and Control Networks  
(addenda to ANSI/ASHRAE Standard 135-2016)

Public Review Date: Jan 27, 2017 | Final Action Date: Jun 14, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE 135bn-2018, BACnet - A Data Communication Protocol for Building Automation and Control Networks  
(addenda to ANSI/ASHRAE Standard 135-2016)

Public Review Date: Oct 20, 2017 | Final Action Date: Jun 14, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE 135bp-2018, BACnet - A Data Communication Protocol for Building Automation and Control Networks  
(addenda to ANSI/ASHRAE Standard 135-2016)

Public Review Date: Apr 28, 2017 | Final Action Date: Jun 14, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE 135d-2006, BACnet - A Data Communication Protocol for Building Automation and Control Networks  
(addenda to ANSI/ASHRAE 135-1995)

Public Review Date: Mar 17, 2006 | Final Action Date: Jun 30, 2006 | [Approved](#)

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- ▶ ANSI/ASHRAE 135e-2007, BACnet - A Data Communication Protocol for Building Automation and Control Networks  
(addenda to ANSI/ASHRAE 135-2004)

Public Review Date: Mar 17, 2006 | Final Action Date: Mar 26, 2007 | [Approved](#)

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- ▶ ANSI/ASHRAE 135f-2007, BACnet - A Data Communication Protocol for Building Automation and Control Networks  
(addenda to ANSI/ASHRAE 135-2004)

Public Review Date: Sep 22, 2006 | Final Action Date: Mar 26, 2007 | [Approved](#)

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- ▶ ANSI/ASHRAE 135j-2009, BACnet - A Data Communication Protocol for Building Automation and Control Networks  
(addenda to ANSI/ASHRAE Standard 135-2008)

Public Review Date: Mar 21, 2008 | Final Action Date: Jun 25, 2009 | [Approved](#)

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- ▶ ANSI/ASHRAE 135l-2009, BACnet - A Data Communication Protocol for Building Automation and Control Networks  
(addenda to ANSI/ASHRAE Standard 135-2008)

Public Review Date: Mar 20, 2009 | Final Action Date: Jun 25, 2009 | [Approved](#)

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- ▶ ANSI/ASHRAE 135m-2008, BACnet - A Data Communication Protocol for Building Automation and Control Networks  
(addenda to ANSI/ASHRAE 135-2004)

Public Review Date: Mar 21, 2008 | Final Action Date: Oct 27, 2008 | [Approved](#)

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- ▶ ANSI/ASHRAE 135o-2009, BACnet - A Data Communication Protocol for Building Automation and Control Networks  
(addenda to ANSI/ASHRAE Standard 135-2008)

Public Review Date: Sep 12, 2008 | Final Action Date: Jun 25, 2009 | [Approved](#)

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- ▶ ANSI/ASHRAE 135q-2009, BACnet - A Data Communication Protocol for Building Automation and Control Networks  
(addenda to ANSI/ASHRAE 135-2004)

Public Review Date: Mar 21, 2008 | Final Action Date: Jan 29, 2009 | [Approved](#)

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- ▶ ANSI/ASHRAE 135r-2009, BACnet - A Data Communication Protocol for Building Automation and Control Networks  
(addenda to ANSI/ASHRAE Standard 135-2008)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE 135s-2009, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)

Public Review Date: Sep 12, 2008 | Final Action Date: Jun 25, 2009 | [Approved](#)

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- ▶ ANSI/ASHRAE 140c-2011, Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs (addenda to ANSI/ASHRAE Standard 140-2007)

Public Review Date: Mar 18, 2011 | Final Action Date: Nov 2, 2011 | [Approved](#)

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- ▶ ANSI/ASHRAE 145.2d-2016, Laboratory Test Methods for Assessing the Performance of Gas-Phase Air Cleaning Systems: Air Cleaning Devices (addenda to ANSI/ASHRAE Standard 145.2-2011)

Public Review Date: Apr 1, 2016 | Final Action Date: Jul 1, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE 147a-2018, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (addenda to ANSI/ASHRAE Standard 147-2013)

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- ▶ ANSI/ASHRAE 147b-2018, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (addenda to ANSI/ASHRAE Standard 147-2013)

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- ▶ ANSI/ASHRAE 147c-2018, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (addenda to ANSI/ASHRAE Standard 147-2013)

Public Review Date: Aug 18, 2017 | Final Action Date: Mar 27, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE 147d-2018, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (addenda to ANSI/ASHRAE Standard 147-2013)

Public Review Date: Aug 18, 2017 | Final Action Date: Mar 27, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE 147e-2018, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (addenda to ANSI/ASHRAE Standard 147-2013)

Public Review Date: Aug 18, 2017 | Final Action Date: Mar 27, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE 158.2-2018, Methods of Testing Capacity of Refrigerant Pressure Regulators (revision of ANSI/ASHRAE Standard 158.2-2011)

PINS Date: Feb 13, 2015 | Public Review Date: Dec 1, 2017 | Final Action Date: Aug 1, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE 15a-2007, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE 15-2004)

Public Review Date: Mar 16, 2007 | Final Action Date: Jul 25, 2007 | [Approved](#)

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- ▶ ANSI/ASHRAE 15b-2016, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2013)

Public Review Date: May 6, 2016 | Final Action Date: Jun 30, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE 15b-2017, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2013)

Public Review Date: Apr 14, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE 15c-2007, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE 15-2004)

Public Review Date: Mar 17, 2006 | Final Action Date: Mar 3, 2007 | [Approved](#)

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- ▶ ANSI/ASHRAE 15c-2017, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2013)

Public Review Date: Apr 14, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE 15d-2008, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE 15-2007)

Public Review Date: Sep 14, 2007 | Final Action Date: Feb 27, 2008 | [Approved](#)

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- ▶ ANSI/ASHRAE 15d-2018, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2016)

Public Review Date: Jul 6, 2018 | Final Action Date: Oct 23, 2018 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE 15f-2009, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2007)  
Public Review Date: Sep 12, 2008 | Final Action Date: Jun 25, 2009 | [Approved](#)

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- ▶ ANSI/ASHRAE 15g-2009, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE 15-2001)  
Public Review Date: Mar 21, 2008 | Final Action Date: Jan 29, 2009 | [Approved](#)

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- ▶ ANSI/ASHRAE 15h-2009, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2007)  
Public Review Date: Sep 12, 2008 | Final Action Date: Jun 25, 2009 | [Approved](#)

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- ▶ ANSI/ASHRAE 15i -2009, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2007)  
Public Review Date: Mar 20, 2009 | Final Action Date: Jul 22, 2009 | [Approved](#)

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- ▶ ANSI/ASHRAE 160a-2011, Criteria for Moisture Design Analysis in Buildings (addenda to ANSI/ASHRAE Standard 160-2009)  
Public Review Date: Sep 10, 2010 | Final Action Date: Feb 3, 2011 | [Approved](#)

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- ▶ ANSI/ASHRAE 161a-2009, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161-2007)  
Public Review Date: Mar 20, 2009 | Final Action Date: Jun 25, 2009 | [Approved](#)

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- ▶ ANSI/ASHRAE 161b-2009, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161-2007)  
Public Review Date: Mar 20, 2009 | Final Action Date: Jun 25, 2009 | [Approved](#)

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- ▶ ANSI/ASHRAE 161d-2019, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161-2018)  
Public Review Date: Dec 7, 2018 | Final Action Date: Jun 27, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE 161e-2019, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161-2018)  
Public Review Date: Dec 7, 2018 | Final Action Date: Jun 27, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE 169a-2006, Weather Data for Building Design Standards (addenda to ANSI/ASHRAE 169-2006)  
Public Review Date: Mar 17, 2006 | Final Action Date: Jun 30, 2006 | [Approved](#)

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- ▶ ANSI/ASHRAE 169b-2013, Climatic Data for Building Design Standards (addenda to ANSI/ASHRAE Standard 169-2006)  
Public Review Date: Jul 5, 2013 | Final Action Date: Nov 13, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE 184a-2018, Method of Test for Field Performance of Liquid-Chilling Systems (addenda to ANSI/ASHRAE Standard 184-2016)  
Public Review Date: Aug 17, 2018 | Final Action Date: Dec 7, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE 188a-2017, Legionellosis: Risk Management for Building Water Systems (addenda to ANSI/ASHRAE Standard 188-2015)  
Public Review Date: Apr 28, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE 188b-2017, Legionellosis: Risk Management for Building Water Systems (addenda to ANSI/ASHRAE Standard 188-2015)  
Public Review Date: Apr 28, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE 188c-2017, Legionellosis: Risk Management for Building Water Systems (addenda to ANSI/ASHRAE Standard 188-2015)  
Public Review Date: Apr 28, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE 188e-2017, Legionellosis: Risk Management for Building Water Systems (addenda to ANSI/ASHRAE Standard 188-2015)  
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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE 188f-2018, Legionellosis: Risk Management for Building Water Systems (addenda to ANSI/ASHRAE Standard 188-2015)

Public Review Date: Sep 8, 2017 | Final Action Date: Jan 25, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE 188h-2018, Legionellosis: Risk Management for Building Water Systems (addenda to ANSI/ASHRAE Standard 188-2015)

Public Review Date: Feb 2, 2018 | Final Action Date: Jun 28, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE 222-2018, Standard Method of Test for Electrical Power Drive Systems (new standard)

PINS Date: Sep 30, 2016 | Public Review Date: Apr 13, 2018 | Final Action Date: Aug 1, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE 34a-2007, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE 34-2007)

Public Review Date: Mar 16, 2007 | Final Action Date: Jun 28, 2007 | [Approved](#)

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- ▶ ANSI/ASHRAE 34a-2017, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE 34aa-2012, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE 34ab-2012, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

Public Review Date: Mar 23, 2012 | Final Action Date: Jun 28, 2012 | [Approved](#)

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- ▶ ANSI/ASHRAE 34ab-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE 34ac-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

Public Review Date: Sep 2, 2016 | Final Action Date: Aug 30, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE 34ad-2016, ANSI/ASHRAE Standard 34-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE 34af-2009, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)

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- ▶ ANSI/ASHRAE 34af-2016, ANSI/ASHRAE Standard 34-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE 34ag-2009, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)

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- ▶ ANSI/ASHRAE 34ag-2016, ANSI/ASHRAE Standard 34-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE 34ah-2016, ANSI/ASHRAE Standard 34-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE 34ai-2016, ANSI/ASHRAE Standard 34-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)  
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- ▶ ANSI/ASHRAE 34b-2007, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE 34-2007)  
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- ▶ ANSI/ASHRAE 34b-2017, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)  
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- ▶ ANSI/ASHRAE 34c-2007, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE 34-2007)  
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- ▶ ANSI/ASHRAE 34C-2017, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)  
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- ▶ ANSI/ASHRAE 34d-2007, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE 34-2004)  
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- ▶ ANSI/ASHRAE 34d-2017, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)  
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- ▶ ANSI/ASHRAE 34e-2007, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE 34-2007)  
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- ▶ ANSI/ASHRAE 34e-2017, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)  
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- ▶ ANSI/ASHRAE 34f-2007, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE 34-2007)  
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- ▶ ANSI/ASHRAE 34g-2007, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE 34-2007)  
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- ▶ ANSI/ASHRAE 34h-2007, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE 34-2007)  
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- ▶ ANSI/ASHRAE 34h-2018, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)  
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- ▶ ANSI/ASHRAE 34i-2011, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)  
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- ▶ ANSI/ASHRAE 34j-2011, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)  
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- ▶ ANSI/ASHRAE 34j-2018, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)  
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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE 34k-2011, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE 34k-2018, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE 34l-2011, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE 34l-2018, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE 34m-2007, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE 34-2004)

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- ▶ ANSI/ASHRAE 34m-2018, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE 34n-2011, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE 34n-2018, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE 34o-2011, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE 34o-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE 34p-2007, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE 34-2007)

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- ▶ ANSI/ASHRAE 34p-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE 34q-2007, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE 34-2007)

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- ▶ ANSI/ASHRAE 34q-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE 34r-2007, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE 34-2007)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE 34r-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE 34s-2007, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE 34-2007)

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- ▶ ANSI/ASHRAE 34s-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE 34t-2007, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE 34-2004)

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- ▶ ANSI/ASHRAE 34t-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE 34u-2007, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE 34-2007)

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- ▶ ANSI/ASHRAE 34u-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE 34v-2007, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE 34-2004)

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- ▶ ANSI/ASHRAE 34v-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE 34w-2009, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)

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- ▶ ANSI/ASHRAE 34x-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE 34y-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE 34z-2012, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE 34z-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE 52.2a-2006, Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE 52.2-1999)

Public Review Date: Apr 18, 2003 | Final Action Date: Jan 27, 2006 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE 52.2a-2014, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2012)  
Public Review Date: Aug 23, 2013 | Final Action Date: Dec 31, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE 52.2b-2008, Method of Testing General Ventilation Air-Cleaning Devices for Removal by Particle Size (addenda to ANSI/ASHRAE 52.2-2007)  
Public Review Date: Mar 16, 2007 | Final Action Date: Jul 24, 2008 | [Approved](#)

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- ▶ ANSI/ASHRAE 52.2e-2016, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2012)  
Public Review Date: Oct 2, 2015 | Final Action Date: Mar 1, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE 52.2f-2016, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2012)  
Public Review Date: Oct 2, 2015 | Final Action Date: Mar 1, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE 52.2g-2016, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2012)  
Public Review Date: Oct 2, 2015 | Final Action Date: Dec 30, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE 52.2i-2016, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2012)  
Public Review Date: Sep 2, 2016 | Final Action Date: Dec 30, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE 55a-2011, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010)  
Public Review Date: Mar 25, 2011 | Final Action Date: Jun 30, 2011 | [Approved](#)

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- ▶ ANSI/ASHRAE 55e-2012, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010)  
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- ▶ ANSI/ASHRAE 55g-2016, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2013)  
Public Review Date: Mar 18, 2016 | Final Action Date: Oct 1, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE 62.1b-2007, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE 62.1-2007)  
Public Review Date: Mar 16, 2007 | Final Action Date: Jun 28, 2007 | [Approved](#)

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- ▶ ANSI/ASHRAE 62.1c-2009, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2007)  
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- ▶ ANSI/ASHRAE 62.1c-2015, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2013)  
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- ▶ ANSI/ASHRAE 62.1d-2009, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2007)  
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- ▶ ANSI/ASHRAE 62.1e-2018, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2013)  
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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE 62.1f-2018, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1 -2016)  
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- ▶ ANSI/ASHRAE 62.1g-2006, Ventilation for Acceptable Indoor Air Quality, Addenda g (addenda to ANSI/ASHRAE 62.1 -2004)  
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- ▶ ANSI/ASHRAE 62.1g-2018, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1 -2016)  
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- ▶ ANSI/ASHRAE 62.1h-2018, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1 -2016)  
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- ▶ ANSI/ASHRAE 62.1i -2009, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1 -2007)  
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- ▶ ANSI/ASHRAE 62.1j-2018, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1 -2016)  
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- ▶ ANSI/ASHRAE 62.1l-2009, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1 -2007)  
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- ▶ ANSI/ASHRAE 62.1l-2012, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1 -2010)  
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- ▶ ANSI/ASHRAE 62.1m-2009, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1 -2007)  
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- ▶ ANSI/ASHRAE 62.1m-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1 -2016)  
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- ▶ ANSI/ASHRAE 62.1n-2009, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1 -2007)  
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- ▶ ANSI/ASHRAE 62.1o-2009, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1 -2007)  
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- ▶ ANSI/ASHRAE 62.1o-2018, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1 -2016)  
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- ▶ ANSI/ASHRAE 62.1p-2009, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1 -2007)  
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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE 62.1q-2015, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2013)

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- ▶ ANSI/ASHRAE 62.1q-2018, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE 62.1s-2009, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2007)

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- ▶ ANSI/ASHRAE 62.1u-2018, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE 62.1v-2018, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE 62.1w-2018, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE 62.1z-2018, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE 62.2a-2008, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE 62.2-2007)

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- ▶ ANSI/ASHRAE 62.2e-2007, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE 62.2P-2004)

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- ▶ ANSI/ASHRAE 62.2e-2018, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2016)

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- ▶ ANSI/ASHRAE 62.2f-2009, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2007)

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- ▶ ANSI/ASHRAE 62.2g-2006, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE 62.2P-2003)

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- ▶ ANSI/ASHRAE 62.2g-2018, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2016)

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- ▶ ANSI/ASHRAE 62.2h-2007, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE 62.2-2004)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE 62.2i-2009, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2007)

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- ▶ ANSI/ASHRAE 62.2i-2018, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2016)

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- ▶ ANSI/ASHRAE 62.2k-2007, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE 62.2-2004)

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- ▶ ANSI/ASHRAE 62.2o-2012, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)

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- ▶ ANSI/ASHRAE 62.2p-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2016)

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- ▶ ANSI/ASHRAE 62.2q-2016, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)

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- ▶ ANSI/ASHRAE 62.2r-2012, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)

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- ▶ ANSI/ASHRAE 62.2U-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2016)

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- ▶ ANSI/ASHRAE 62.2v-2016, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)

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- ▶ ANSI/ASHRAE 62aa-2004, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE 62-2001)

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- ▶ ANSI/ASHRAE 62ae-2003, Ventilation and Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE 62-1999)

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- ▶ ANSI/ASHRAE 62af-2003, Ventilation and Acceptable Indoor Air Quality in Commercial, Institutional, and High-Rise Residential Buildings, Addenda af (addenda to ANSI/ASHRAE 62-1999)

Public Review Date: May 10, 2002 | Final Action Date: May 27, 2003 | [Approved](#)

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- ▶ ANSI/ASHRAE 62h-2003, Ventilation for Acceptable Indoor Air Quality, Addenda h (addenda to ANSI/ASHRAE 62-2001)

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- ▶ ANSI/ASHRAE 62i-2002, Ventilation for Acceptable Indoor Air Quality (Addenda i) (addenda to ANSI/ASHRAE 62-1989)

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- ▶ ANSI/ASHRAE 62j-2001, Ventilation for Acceptable Indoor Air Quality, Addenda j (addenda to ANSI/ASHRAE 62-1989)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE 62k-2002, Ventilation for Acceptable Indoor Air Quality, Addenda k (addenda to ANSI/ASHRAE 62-1989)

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- ▶ ANSI/ASHRAE 62m-2001, Ventilation for Acceptable Indoor Air Quality, Addenda m (addenda to ANSI/ASHRAE 62-1989)

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- ▶ ANSI/ASHRAE 62n-2004, Ventilation and Acceptable Indoor Air Quality in Commercial, Institutional, and High-Rise Residential Buildings, Addenda n (addenda to ANSI/ASHRAE 62-2001)

Public Review Date: Nov 8, 2002 | Final Action Date: Jan 8, 2004 | [Approved](#)

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- ▶ ANSI/ASHRAE 62o-2003, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE 62-1989)

Public Review Date: Aug 11, 2000 | Final Action Date: Apr 2, 2003 | [Approved](#)

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- ▶ ANSI/ASHRAE 62p-2001, Ventilation for Acceptable Indoor Air Quality, Addenda p (addenda to ANSI/ASHRAE 62-1989)

Public Review Date: Jul 30, 1999 | Final Action Date: Dec 14, 2001 | [Approved](#)

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- ▶ ANSI/ASHRAE 62q-2001, Ventilation for Acceptable Indoor Air Quality, Addenda q (addenda to ANSI/ASHRAE 62-1989)

Public Review Date: Dec 3, 1999 | Final Action Date: Nov 27, 2001 | [Approved](#)

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- ▶ ANSI/ASHRAE 62r-2003, Ventilation and Acceptable Indoor Air Quality in Commercial, Institutional, and High-Rise Residential Buildings, Addenda r (addenda to ANSI/ASHRAE 62-1989)

Public Review Date: May 10, 2002 | Final Action Date: May 27, 2003 | [Approved](#)

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- ▶ ANSI/ASHRAE 62s-2001, Ventilation for Acceptable Indoor Air Quality, (Addenda s) (addenda to ANSI/ASHRAE 62-1989)

Public Review Date: Dec 3, 1999 | Final Action Date: Nov 6, 2001 | [Approved](#)

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- ▶ ANSI/ASHRAE 62t-2002, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE 62-1989)

Public Review Date: Aug 11, 2000 | Final Action Date: Apr 9, 2002 | [Approved](#)

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- ▶ ANSI/ASHRAE 62u-2002, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE 62-1989)

Public Review Date: Aug 11, 2000 | Final Action Date: Apr 24, 2002 | [Approved](#)

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- ▶ ANSI/ASHRAE 62v-2002, Ventilation for Acceptable Indoor Air Quality, Addenda v (addenda to ANSI/ASHRAE 62-1989)

Public Review Date: Jun 2, 2000 | Final Action Date: Apr 12, 2002 | [Approved](#)

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- ▶ ANSI/ASHRAE 62w-2001, Ventilation for Acceptable Indoor Air Quality, Addenda w (addenda to ANSI/ASHRAE 62-1989)

Public Review Date: Jun 2, 2000 | Final Action Date: Nov 27, 2001 | [Approved](#)

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- ▶ ANSI/ASHRAE 62x-2003, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE 62-2001)

Public Review Date: Feb 21, 2003 | Final Action Date: Nov 19, 2003 | [Approved](#)

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- ▶ ANSI/ASHRAE 62y-2004, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE 62-2001)

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- ▶ ANSI/ASHRAE 62z-2003, Ventilation and Acceptable Indoor Air Quality in Commercial, Institutional, and High-Rise Residential Buildings, Addenda z (addenda to ANSI/ASHRAE 62-1999)

Public Review Date: May 10, 2002 | Final Action Date: Jun 4, 2003 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE 90.1n-2003, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2001)  
Public Review Date: Apr 18, 2003 | Final Action Date: Sep 25, 2003 | [Approved](#)

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- ▶ ANSI/ASHRAE 90.2k-2007, Energy Efficient Design of Low-Rise Residential Buildings (addenda to ANSI/ASHRAE 90.2-2004)  
Public Review Date: Sep 22, 2006 | Final Action Date: Mar 3, 2007 | [Approved](#)

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- ▶ ANSI/ASHRAE 90.4a-2018, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2016)  
Public Review Date: Aug 25, 2017 | Final Action Date: Jan 25, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE 90.4b-2018, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2016)  
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- ▶ ANSI/ASHRAE Addendum f to Standard 90.4-2019, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2016)  
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- ▶ ANSI/ASHRAE Addendum 105a-2011, Standard Methods of Measuring and Expressing Building Energy Performance (addenda to ANSI/ASHRAE Standard 105-2007)  
Public Review Date: Sep 2, 2011 | Final Action Date: Jan 26, 2012 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 105b-2012, Standard Methods of Measuring and Expressing Building Energy Performance (addenda to ANSI/ASHRAE Standard 105-2007)  
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- ▶ ANSI/ASHRAE Addendum 135.1d-2010, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2007)  
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- ▶ ANSI/ASHRAE Addendum 135.1e-2011, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2009)  
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- ▶ ANSI/ASHRAE Addendum 135.1f-2011, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2009)  
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- ▶ ANSI/ASHRAE Addendum 135.1g-2011, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2009)  
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- ▶ ANSI/ASHRAE Addendum 135.1h-2011, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2009)  
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- ▶ ANSI/ASHRAE Addendum 135ab-2011, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)  
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- ▶ ANSI/ASHRAE Addendum 135ac-2011, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)  
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- ▶ ANSI/ASHRAE Addendum 135bq-2018, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)  
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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum 135bs-2019, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)  
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- ▶ ANSI/ASHRAE Addendum 135g-2010, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)  
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- ▶ ANSI/ASHRAE Addendum 135h-2010, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)  
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- ▶ ANSI/ASHRAE Addendum 135k-2010, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)  
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- ▶ ANSI/ASHRAE Addendum 135n-2010, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)  
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- ▶ ANSI/ASHRAE Addendum 135p-2010, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)  
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- ▶ ANSI/ASHRAE Addendum 135t-2010, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)  
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- ▶ ANSI/ASHRAE Addendum 135u-2010, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)  
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- ▶ ANSI/ASHRAE Addendum 135v-2009, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)  
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- ▶ ANSI/ASHRAE Addendum 135w-2010, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)  
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- ▶ ANSI/ASHRAE Addendum 135x-2010, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)  
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- ▶ ANSI/ASHRAE Addendum 135y-2010, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)  
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- ▶ ANSI/ASHRAE Addendum 135z-2010, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)  
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- ▶ ANSI/ASHRAE Addendum 140b-2010, Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs (addenda to ANSI/ASHRAE Standard 140-2007)  
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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum 15a-2014, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2013)  
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- ▶ ANSI/ASHRAE Addendum 15b-2012, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2010)  
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- ▶ ANSI/ASHRAE Addendum 15c-2012, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2010)  
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- ▶ ANSI/ASHRAE Addendum 15d-2012, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2010)  
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- ▶ ANSI/ASHRAE Addendum 15e-2012, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2010)  
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- ▶ ANSI/ASHRAE Addendum 15f-2012, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2010)  
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- ▶ ANSI/ASHRAE Addendum 161b-2017, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161-2013)  
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- ▶ ANSI/ASHRAE Addendum 161c-2013, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161-2007)  
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- ▶ ANSI/ASHRAE Addendum 161c-2017, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161-2007)  
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- ▶ ANSI/ASHRAE Addendum 161d-2013, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161-2007)  
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- ▶ ANSI/ASHRAE Addendum 161d-2017, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161-2013)  
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- ▶ ANSI/ASHRAE Addendum 161d-2017a, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161-2013)  
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- ▶ ANSI/ASHRAE Addendum 161f-2013, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161-2007)  
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- ▶ ANSI/ASHRAE Addendum 161g-2013, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161-2007)  
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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum 34a-2010, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)

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- ▶ ANSI/ASHRAE Addendum 34a-2014, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE Addendum 34aa-2009, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)

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- ▶ ANSI/ASHRAE Addendum 34ab-2009, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)

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- ▶ ANSI/ASHRAE Addendum 34ac-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE Addendum 34ad -2009, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)

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- ▶ ANSI/ASHRAE Addendum 34ad-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE Addendum 34ae-2009, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)

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- ▶ ANSI/ASHRAE Addendum 34ae-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE Addendum 34af-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE Addendum 34ag to Standard 34-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE Addendum 34ah to Standard 34-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE Addendum 34ah-2010, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)

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- ▶ ANSI/ASHRAE Addendum 34ai to Standard 34-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum 34ai-2010, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)  
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- ▶ ANSI/ASHRAE Addendum 34aj to Standard 34-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)  
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- ▶ ANSI/ASHRAE Addendum 34aj-2010, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)  
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- ▶ ANSI/ASHRAE Addendum 34ak-2010, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)  
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- ▶ ANSI/ASHRAE Addendum 34b-2010, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)  
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- ▶ ANSI/ASHRAE Addendum 34b-2014, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)  
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- ▶ ANSI/ASHRAE Addendum 34c-2011, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)  
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- ▶ ANSI/ASHRAE Addendum 34c-2014, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)  
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- ▶ ANSI/ASHRAE Addendum 34d-2010, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)  
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- ▶ ANSI/ASHRAE Addendum 34d-2014, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)  
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- ▶ ANSI/ASHRAE Addendum 34e-2011, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)  
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- ▶ ANSI/ASHRAE Addendum 34e-2014, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)  
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- ▶ ANSI/ASHRAE Addendum 34f-2011, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)  
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- ▶ ANSI/ASHRAE Addendum 34f-2014, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)  
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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum 34g-2011, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE Addendum 34g-2014, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE Addendum 34h-2011, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE Addendum 34h-2014, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE Addendum 34i-2014, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE Addendum 34j-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE Addendum 34k-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE Addendum 34l-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE Addendum 34m-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE Addendum 34n-2015, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

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- ▶ ANSI/ASHRAE Addendum 34p-2012, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE Addendum 34q-2012, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE Addendum 34r-2012, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE Addendum 34s-2012, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum 34t-2012, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE Addendum 34t-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2016)

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- ▶ ANSI/ASHRAE Addendum 34u-2012, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE Addendum 34v-2012, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE Addendum 34w-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE Addendum 34x-2009, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)

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- ▶ ANSI/ASHRAE Addendum 34x-2013, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE Addendum 34y-2009, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)

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- ▶ ANSI/ASHRAE Addendum 34y-2012, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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- ▶ ANSI/ASHRAE Addendum 34z-2010, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)

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- ▶ ANSI/ASHRAE Addendum 55a-2014, Thermal Environmental Conditions For Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2013)

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- ▶ ANSI/ASHRAE Addendum 55a-2017, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2013)

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- ▶ ANSI/ASHRAE Addendum 55a-2020, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2020)

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- ▶ ANSI/ASHRAE Addendum 55b-2012, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum 55b-2014, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2012)

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- ▶ ANSI/ASHRAE Addendum 55b-2019, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2013)

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- ▶ ANSI/ASHRAE Addendum 55b-2020, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2020)

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- ▶ ANSI/ASHRAE Addendum 55c-2012, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010)

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- ▶ ANSI/ASHRAE Addendum 55c-2017, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2013)

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- ▶ ANSI/ASHRAE Addendum 55c-2017, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2017)

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- ▶ ANSI/ASHRAE Addendum 55c-2020, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2020)

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- ▶ ANSI/ASHRAE Addendum 55d-2012, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010)

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- ▶ ANSI/ASHRAE Addendum 55d-2015, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2013)

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- ▶ ANSI/ASHRAE Addendum 55d-2017, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2017)

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- ▶ ANSI/ASHRAE Addendum 55d-2020, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2020)

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- ▶ ANSI/ASHRAE Addendum 55e-2015, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2013)

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- ▶ ANSI/ASHRAE Addendum 55e-2017, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2017)

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- ▶ ANSI/ASHRAE Addendum 55e-2020, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2020)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum 55f-2012, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010)

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- ▶ ANSI/ASHRAE Addendum 55f-2015, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2013)

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- ▶ ANSI/ASHRAE Addendum 55f-2017, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2017)

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- ▶ ANSI/ASHRAE Addendum 55f-2020, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2020)

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- ▶ ANSI/ASHRAE Addendum 55g-2013, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010)

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- ▶ ANSI/ASHRAE Addendum 55g-2017, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2017)

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- ▶ ANSI/ASHRAE Addendum 55g-2020, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2020)

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- ▶ ANSI/ASHRAE Addendum 55h-2010, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2004)

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- ▶ ANSI/ASHRAE Addendum 55h-2013, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010)

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- ▶ ANSI/ASHRAE Addendum 55h-2017, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2017)

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- ▶ ANSI/ASHRAE Addendum 55h-2020, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2020)

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- ▶ ANSI/ASHRAE Addendum 55i-2010, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2004)

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- ▶ ANSI/ASHRAE Addendum 55i-2013, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010)

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- ▶ ANSI/ASHRAE Addendum 55j-2010, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2004)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum 55j-2013, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010)  
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- ▶ ANSI/ASHRAE Addendum 55k-2010, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2004)  
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- ▶ ANSI/ASHRAE Addendum 55k-2013, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010)  
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- ▶ ANSI/ASHRAE Addendum 55l-2013, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010)  
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- ▶ ANSI/ASHRAE Addendum 55m-2013, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010)  
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- ▶ ANSI/ASHRAE Addendum 55r-2013, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010)  
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- ▶ ANSI/ASHRAE Addendum 62.1a-2010, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2010)  
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- ▶ ANSI/ASHRAE Addendum 62.1a-2014, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2013)  
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- ▶ ANSI/ASHRAE Addendum 62.1a-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)  
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- ▶ ANSI/ASHRAE Addendum 62.1aa-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)  
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- ▶ ANSI/ASHRAE Addendum 62.1ad-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)  
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- ▶ ANSI/ASHRAE Addendum 62.1ae-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)  
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- ▶ ANSI/ASHRAE Addendum 62.1af-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)  
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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum 62.1ah-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE Addendum 62.1ai-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE Addendum 62.1aj-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE Addendum 62.1al-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE Addendum 62.1am-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE Addendum 62.1an-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE Addendum 62.1ao-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE Addendum 62.1ap-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE Addendum 62.1aq-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE Addendum 62.1ar-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE Addendum 62.1as-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE Addendum 62.1b to Standard 62.1-2010, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2010)

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- ▶ ANSI/ASHRAE Addendum 62.1b-2018, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE Addendum 62.1b-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum 62.1c-2011, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2010)

Public Review Date: Sep 10, 2010 | Final Action Date: Feb 3, 2011 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 62.1c-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)

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- ▶ ANSI/ASHRAE Addendum 62.1d-2011, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2010)

Public Review Date: Mar 25, 2011 | Final Action Date: Jun 30, 2011 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 62.1d-2015, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2013)

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- ▶ ANSI/ASHRAE Addendum 62.1d-2018, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE Addendum 62.1d-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)

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- ▶ ANSI/ASHRAE Addendum 62.1e-2011, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2010)

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- ▶ ANSI/ASHRAE Addendum 62.1e-2016, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)

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- ▶ ANSI/ASHRAE Addendum 62.1e-2022, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)

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- ▶ ANSI/ASHRAE Addendum 62.1f-2016, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2013)

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- ▶ ANSI/ASHRAE Addendum 62.1f-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)

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- ▶ ANSI/ASHRAE Addendum 62.1g-2010, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2007)

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- ▶ ANSI/ASHRAE Addendum 62.1g-2016, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2013)

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- ▶ ANSI/ASHRAE Addendum 62.1g-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum 62.1h-2012, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2010)

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- ▶ ANSI/ASHRAE Addendum 62.1h-2016, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2013)

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- ▶ ANSI/ASHRAE Addendum 62.1i-2016, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2013)

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- ▶ ANSI/ASHRAE Addendum 62.1i-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE Addendum 62.1i-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)

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- ▶ ANSI/ASHRAE Addendum 62.1j-2009, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2007)

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- ▶ ANSI/ASHRAE Addendum 62.1j-2013, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2010)

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- ▶ ANSI/ASHRAE Addendum 62.1k-2009 , Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2007)

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- ▶ ANSI/ASHRAE Addendum 62.1k-2014, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2013)

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- ▶ ANSI/ASHRAE Addendum 62.1k-2018, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE Addendum 62.1L-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE Addendum 62.1m to Standard 62.1-2010, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2010)

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- ▶ ANSI/ASHRAE Addendum 62.1m-2022, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)

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- ▶ ANSI/ASHRAE Addendum 62.1n-2013, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2010)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum 62.1n-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE Addendum 62.1n-2022, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2019)

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- ▶ ANSI/ASHRAE Addendum 62.1p-2015, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2013)

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- ▶ ANSI/ASHRAE Addendum 62.1p-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE Addendum 62.1q-2010, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2007)

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- ▶ ANSI/ASHRAE Addendum 62.1q-2015, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2013)

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- ▶ ANSI/ASHRAE Addendum 62.1r-2010, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2007)

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- ▶ ANSI/ASHRAE Addendum 62.1r-2014, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2013)

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- ▶ ANSI/ASHRAE Addendum 62.1s-2014, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2013)

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- ▶ ANSI/ASHRAE Addendum 62.1s-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE Addendum 62.1t-2010, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2007)

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- ▶ ANSI/ASHRAE Addendum 62.1x-2022, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE Addendum 62.1y-2019, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

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- ▶ ANSI/ASHRAE Addendum 62.2a-2014, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum 62.2b-2011, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)  
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- ▶ ANSI/ASHRAE Addendum 62.2b-2014, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)  
Public Review Date: Sep 6, 2013 | Final Action Date: Jul 31, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 62.2b-2017, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)  
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- ▶ ANSI/ASHRAE Addendum 62.2b-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2019)  
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- ▶ ANSI/ASHRAE Addendum 62.2c-2011, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)  
Public Review Date: Sep 10, 2010 | Final Action Date: Feb 3, 2011 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 62.2c-2015, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)  
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- ▶ ANSI/ASHRAE Addendum 62.2C-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2016)  
Public Review Date: Sep 21, 2018 | Final Action Date: Jun 27, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 62.2d-2009, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2007)  
Public Review Date: Sep 12, 2008 | Final Action Date: Jan 29, 2009 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 62.2d-2015, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)  
Public Review Date: Mar 28, 2014 | Final Action Date: Feb 25, 2015 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 62.2d-2017, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)  
Public Review Date: Apr 7, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 62.2d-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2019)  
Public Review Date: Aug 7, 2020 | Final Action Date: Sep 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 62.2e-2009, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2007)  
Public Review Date: Mar 6, 2009 | Final Action Date: Jun 25, 2009 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 62.2e-2011, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)  
Public Review Date: Sep 10, 2010 | Final Action Date: Mar 3, 2011 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 62.2e-2014, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)  
Public Review Date: Mar 28, 2014 | Final Action Date: Jul 3, 2014 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum 62.2e-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2019)  
Public Review Date: Mar 19, 2021 | Final Action Date: Apr 30, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 62.2f-2012, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)  
Public Review Date: Sep 16, 2011 | Final Action Date: Jan 26, 2012 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 62.2f-2014, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)  
Public Review Date: Mar 28, 2014 | Final Action Date: Jul 3, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 62.2f-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2019)  
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- ▶ ANSI/ASHRAE Addendum 62.2g-2011, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)  
Public Review Date: Sep 10, 2010 | Final Action Date: Feb 3, 2011 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 62.2g-2014, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)  
Public Review Date: Apr 4, 2014 | Final Action Date: Oct 29, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 62.2g-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2019)  
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- ▶ ANSI/ASHRAE Addendum 62.2h-2011, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)  
Public Review Date: Sep 10, 2010 | Final Action Date: Feb 3, 2011 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 62.2h-2015, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)  
Public Review Date: Mar 27, 2015 | Final Action Date: Jul 2, 2015 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 62.2h-2018, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2016)  
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- ▶ ANSI/ASHRAE Addendum 62.2h-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2019)  
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- ▶ ANSI/ASHRAE Addendum 62.2i-2011, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)  
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- ▶ ANSI/ASHRAE Addendum 62.2i-2022, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2019)  
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- ▶ ANSI/ASHRAE Addendum 62.2j-2010, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2007)  
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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum 62.2j-2012, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)

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- ▶ ANSI/ASHRAE Addendum 62.2j-2015, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)

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- ▶ ANSI/ASHRAE Addendum 62.2j-2018, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2016)

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- ▶ ANSI/ASHRAE Addendum 62.2k-2012, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)

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- ▶ ANSI/ASHRAE Addendum 62.2L-2011, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)

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- ▶ ANSI/ASHRAE Addendum 62.2L-2017, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2016)

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- ▶ ANSI/ASHRAE Addendum 62.2L-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2019)

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- ▶ ANSI/ASHRAE Addendum 62.2m-2010, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2007)

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- ▶ ANSI/ASHRAE Addendum 62.2m-2012, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)

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- ▶ ANSI/ASHRAE Addendum 62.2m-2015, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)

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- ▶ ANSI/ASHRAE Addendum 62.2m-2018, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2016)

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- ▶ ANSI/ASHRAE Addendum 62.2m-2022, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2019)

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- ▶ ANSI/ASHRAE Addendum 62.2n-2010, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2007)

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- ▶ ANSI/ASHRAE Addendum 62.2n-2012, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum 62.2n-2015, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)

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- ▶ ANSI/ASHRAE Addendum 62.2o-2010, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2007)

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- ▶ ANSI/ASHRAE Addendum 62.2o-2016, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)

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- ▶ ANSI/ASHRAE Addendum 62.2p-2010, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2007)

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- ▶ ANSI/ASHRAE Addendum 62.2p-2016, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)

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- ▶ ANSI/ASHRAE Addendum 62.2q-2010, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2007)

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- ▶ ANSI/ASHRAE Addendum 62.2q-2012, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)

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- ▶ ANSI/ASHRAE Addendum 62.2r-2010, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2007)

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- ▶ ANSI/ASHRAE Addendum 62.2r-2016, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)

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- ▶ ANSI/ASHRAE Addendum 62.2s-2017, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)

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- ▶ ANSI/ASHRAE Addendum 62.2t-2010, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2007)

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- ▶ ANSI/ASHRAE Addendum 62.2t-2014, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)

Public Review Date: Oct 26, 2012 | Final Action Date: Jan 23, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 62.2t-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2016)

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- ▶ ANSI/ASHRAE Addendum 62.2u-2013, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum 62.2v-2013, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)  
Public Review Date: Sep 14, 2012 | Final Action Date: Jan 30, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 62.2v-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2016)  
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- ▶ ANSI/ASHRAE Addendum 62.2w-2016, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013)  
Public Review Date: Oct 23, 2015 | Final Action Date: Jan 28, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 62.2x-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2016)  
Public Review Date: Sep 6, 2019 | Final Action Date: Mar 2, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 62.2y-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2019)  
Public Review Date: Sep 6, 2019 | Final Action Date: May 4, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 84a-2013, Method of Testing Air-to-Air Heat/Energy Exchangers (addenda to ANSI/ASHRAE Standard 84-2013)  
Public Review Date: Mar 8, 2013 | Final Action Date: Jun 27, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum 90.2b-2010, Energy-Efficient Design Of Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 90.2-2007)  
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- ▶ ANSI/ASHRAE Addendum 90.4d-2019, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2016)  
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- ▶ ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 140-2014, Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs (addenda to ANSI/ASHRAE Standard 140-2011)  
Public Review Date: Apr 26, 2013 | Final Action Date: Jul 3, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 140-2017, Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs (addenda to ANSI/ASHRAE Standard 140-2014)  
Public Review Date: May 15, 2020 | Final Action Date: Sep 1, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 140-2020, Method of Test for Evaluating Building Performance Simulation Software (addenda to ANSI/ASHRAE Standard 140-2014)  
Public Review Date: May 6, 2022 | Final Action Date: Aug 31, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 145.2-2014, Test Method for Assessing the Performance of Gas-Phase Air-Cleaning Systems: Air-Cleaning Devices (addenda to ANSI/ASHRAE Standard 145.2-2011)  
Public Review Date: Mar 28, 2014 | Final Action Date: Jul 3, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 147-2019, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (addenda to ANSI/ASHRAE Standard 147-2013)  
Public Review Date: Jun 5, 2020 | Final Action Date: Dec 6, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)  
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- ▶ ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016)  
Public Review Date: May 1, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 160-2016, Criteria for Moisture-Control Design Analysis in Buildings (addenda to ANSI/ASHRAE Standard 160-2016)  
Public Review Date: Apr 30, 2021 | Final Action Date: Jun 30, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 161-2018, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161-2018)  
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- ▶ ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 169-2020, Climatic Data for Building Design Standards (addenda to ANSI/ASHRAE Standard 169-2013)  
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- ▶ ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 185.1-2019, Method of Testing UV-C Lights for Use in Air-Handling Units or Air Ducts to Inactivate Airborne Microorganisms (addenda to ANSI/ASHRAE Standard 185.1-2015)  
Public Review Date: May 24, 2019 | Final Action Date: Jul 25, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 185.2-2014, Method of Testing Ultraviolet Lamps for Use in HVAC&R Units or Air Ducts to Inactivate Microorganisms on Irradiated Surfaces (addenda to ANSI/ASHRAE Standard 185.2-2014)  
Public Review Date: Mar 13, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 188-2018, Legionellosis: Risk Management for Building Water Systems (addenda to ANSI/ASHRAE Standard 188-2015)  
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- ▶ ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 200-2015, Methods of Testing Chilled Beams (addenda to ANSI/ASHRAE Standard 200-2015)  
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- ▶ ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 206-2014, Method of Test for Rating of Multi-Purpose Heat Pumps for Residential Space Conditioning and Water Heating (addenda to ANSI/ASHRAE Standard 206-2013)  
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- ▶ ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2016)  
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- ▶ ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 90.4-2019, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2019)  
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- ▶ ANSI/ASHRAE Addendum a to Standard 15.2-2022, Safety Standard for Refrigeration Systems in Residential Applications (addenda to ANSI/ASHRAE Standard 15.2-2022)  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 31, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum a to Standard 217-2020, Non-Emergency Ventilation in Enclosed Road, Rail, and Mass Transit Facilities (addenda to ANSI/ASHRAE Standard 217-2020)  
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- ▶ ANSI/ASHRAE Addendum a to Standard 30-2020, Method of Testing Liquid Chillers (addenda to ANSI/ASHRAE Standard 30-2019)  
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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum a to Standard 34-2022, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2022)

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- ▶ ANSI/ASHRAE Addendum a to Standard 41.1-2020, Standard Methods for Temperature Measurements (addenda to ANSI/ASHRAE Standard 41.1-2020)

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- ▶ ANSI/ASHRAE Addendum a to Standard 41.10-2020, Standard Methods for Refrigerant Mass Flow Rate Measurements Using Flowmeters (addenda to ANSI/ASHRAE Standard 41.10-2020)

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- ▶ ANSI/ASHRAE Addendum a to Standard 41.11-2020, Standard Methods for Power Measurement (addenda to ANSI/ASHRAE Standard 41.11-2020)

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- ▶ ANSI/ASHRAE Addendum a to Standard 41.6-2021, Standard Methods for Humidity Measurement (addenda to ANSI/ASHRAE Standard 41.6-2021)

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- ▶ ANSI/ASHRAE Addendum aa to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)

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- ▶ ANSI/ASHRAE Addendum ab to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)

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- ▶ ANSI/ASHRAE Addendum ac to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)

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- ▶ ANSI/ASHRAE Addendum ad to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)

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- ▶ ANSI/ASHRAE Addendum ae to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)

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- ▶ ANSI/ASHRAE Addendum af to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)

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- ▶ ANSI/ASHRAE Addendum ag to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)

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- ▶ ANSI/ASHRAE Addendum ah to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)

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- ▶ ANSI/ASHRAE Addendum ak to ANSI/ASHRAE Standard 34-2010, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum ak to ANSI/ASHRAE Standard 34-2017, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)  
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- ▶ ANSI/ASHRAE Addendum al to ANSI/ASHRAE Standard 34-2017, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)  
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- ▶ ANSI/ASHRAE Addendum am to ANSI/ASHRAE Standard 34-20137, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)  
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- ▶ ANSI/ASHRAE Addendum an to ANSI/ASHRAE Standard 135-2014, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)  
Public Review Date: Mar 7, 2014 | Final Action Date: Jul 3, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum an to ANSI/ASHRAE Standard 34-2017, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)  
Public Review Date: Aug 26, 2016 | Final Action Date: Feb 2, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum ao to ANSI/ASHRAE Standard 135-2012, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2010)  
Public Review Date: Mar 23, 2012 | Final Action Date: Oct 27, 2012 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum ar to Standard 135-2013, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2010)  
Public Review Date: Sep 21, 2012 | Final Action Date: Jan 30, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum at to ANSI/ASHRAE Standard 135-2014, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)  
Public Review Date: Apr 19, 2013 | Final Action Date: Jul 3, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum au to ANSI/ASHRAE Standard 135-2014, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)  
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- ▶ ANSI/ASHRAE Addendum av to ANSI/ASHRAE Standard 135-2014, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)  
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- ▶ ANSI/ASHRAE Addendum aw to ANSI/ASHRAE Standard 135-2014, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)  
Public Review Date: Dec 6, 2013 | Final Action Date: Jul 3, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum ax to ANSI/ASHRAE Standard 135-2014, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)  
Public Review Date: Sep 20, 2013 | Final Action Date: Jul 3, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum az to ANSI/ASHRAE Standard 135-2014, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)  
Public Review Date: Mar 7, 2014 | Final Action Date: Jul 3, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 140-2017, Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs (addenda to ANSI/ASHRAE Standard 140-2014)  
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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 145.2-2014, Test Method for Assessing the Performance of Gas-Phase Air-Cleaning Systems: Air-Cleaning Devices (addenda to ANSI/ASHRAE Standard 145.2-2011)  
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- ▶ ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 147-2019, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (addenda to ANSI/ASHRAE Standard 147-2013)  
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- ▶ ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 15-2008, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE 15-2007)  
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- ▶ ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)  
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- ▶ ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016)  
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- ▶ ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 160-2012, Criteria for Moisture-Control Design Analysis in Buildings (addenda to ANSI/ASHRAE Standard 160-2009)  
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- ▶ ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 161-2018, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161-2018)  
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- ▶ ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 185.1-2015, Method of Testing UV-C Lights for Use in Air-Handling Units or Air Ducts to Inactivate Airborne Microorganisms (addenda to ANSI/ASHRAE Standard 185.1-2015)  
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- ▶ ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 188-2020, Legionellosis: Risk Management for Building Water Systems (addenda to ANSI/ASHRAE Standard 188-2018)  
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- ▶ ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 200-2015, Methods of Testing Chilled Beams (addenda to ANSI/ASHRAE Standard 200-2015)  
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- ▶ ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 206-2014, Method of Test for Rating of Multi-Purpose Heat Pumps for Residential Space Conditioning and Water Heating (addenda to ANSI/ASHRAE Standard 206-2013)  
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- ▶ ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2016)  
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- ▶ ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2022)  
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- ▶ ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 52.2-2014, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2012)  
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- ▶ ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 90.4-2019, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2019)  
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- ▶ ANSI/ASHRAE Addendum b to ASHRAE Standard 52.2-2017, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2012)  
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- ▶ ANSI/ASHRAE Addendum b to Standard 15.2-2022, Safety Standard for Refrigeration Systems in Residential Applications (addenda to ANSI/ASHRAE Standard 15.2-2022)  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 31, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum b to Standard 30-2019, Method of Testing Liquid Chillers (addenda to ANSI/ASHRAE Standard 30-2019)  
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- ▶ ANSI/ASHRAE Addendum b to Standard 41.10-2020, Standard Methods for Refrigerant Mass Flow Rate Measurements Using Flowmeters (addenda to ANSI/ASHRAE Standard 41.10-2020)  
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- ▶ ANSI/ASHRAE Addendum bj to ANSI/ASHRAE Standard 135-2019, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)  
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- ▶ ANSI/ASHRAE Addendum br to ANSI/ASHRAE Standard 135-2019, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)  
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- ▶ ANSI/ASHRAE Addendum bt to ANSI/ASHRAE Standard 135-2019, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)  
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- ▶ ANSI/ASHRAE Addendum bu to ANSI/ASHRAE Standard 135-2019, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)  
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- ▶ ANSI/ASHRAE Addendum bv to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2020)  
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- ▶ ANSI/ASHRAE Addendum c Standard 52.2-2015, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2012)  
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- ▶ ANSI/ASHRAE Addendum c to ANSI/ASHRAE Standard 145.2-2014, Test Method for Assessing the Performance of Gas-Phase Air-Cleaning Systems: Air-Cleaning Devices (addenda to ANSI/ASHRAE Standard 145.2-2011)  
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- ▶ ANSI/ASHRAE Addendum c to ANSI/ASHRAE Standard 147-2019, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (addenda to ANSI/ASHRAE Standard 147-2013)  
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- ▶ ANSI/ASHRAE Addendum c to ANSI/ASHRAE Standard 15-2007, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE 15-2007)  
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- ▶ ANSI/ASHRAE Addendum c to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)  
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- ▶ ANSI/ASHRAE Addendum c to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016)  
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- ▶ ANSI/ASHRAE Addendum c to ANSI/ASHRAE Standard 188-2018, Legionellosis: Risk Management for Building Water Systems (addenda to ANSI/ASHRAE Standard 188-2018)  
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- ▶ ANSI/ASHRAE Addendum c to ANSI/ASHRAE Standard 206-2014, Method of Test for Rating of Multi-Purpose Heat Pumps for Residential Space Conditioning and Water Heating (addenda to ANSI/ASHRAE Standard 206-2013)  
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- ▶ ANSI/ASHRAE Addendum c to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2016)  
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- ▶ ANSI/ASHRAE Addendum c to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2022)  
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- ▶ ANSI/ASHRAE Addendum c to ANSI/ASHRAE Standard 52.2-2017, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2017)  
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- ▶ ANSI/ASHRAE Addendum ca to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)  
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- ▶ ANSI/ASHRAE Addendum cc to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)  
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- ▶ ANSI/ASHRAE Addendum cd to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)  
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- ▶ ANSI/ASHRAE Addendum ce to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)  
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- ▶ ANSI/ASHRAE Addendum cf to ANSI/ASHRAE Standard 135-2020, BACnet® - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2020)  
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- ▶ ANSI/ASHRAE Addendum d to ANSI/ASHRAE Standard 147-2019, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (addenda to ANSI/ASHRAE Standard 147-2013)  
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- ▶ ANSI/ASHRAE Addendum d to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)  
Public Review Date: May 8, 2020 | Final Action Date: Apr 29, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum d to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016)  
Public Review Date: May 1, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum d to ANSI/ASHRAE Standard 188-2017, Legionellosis: Risk Management for Building Water Systems (addenda to ANSI/ASHRAE Standard 188-2015)  
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- ▶ ANSI/ASHRAE Addendum d to ANSI/ASHRAE Standard 188-2018, Legionellosis: Risk Management for Building Water Systems (addenda to ANSI/ASHRAE Standard 188-2018)  
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- ▶ ANSI/ASHRAE Addendum d to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2016)  
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- ▶ ANSI/ASHRAE Addendum d to ANSI/ASHRAE Standard 52.2-2014, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2012)  
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- ▶ ANSI/ASHRAE Addendum d to ANSI/ASHRAE Standard 90.4-2019, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2019)  
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- ▶ ANSI/ASHRAE Addendum e to ANSI/ASHRAE Standard 15-2008, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE 15-2007)  
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- ▶ ANSI/ASHRAE Addendum e to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)  
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- ▶ ANSI/ASHRAE Addendum e to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016)  
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- ▶ ANSI/ASHRAE Addendum e to ANSI/ASHRAE Standard 188-2021, Legionellosis: Risk Management for Building Water Systems (addenda to ANSI/ASHRAE Standard 188-2018)  
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- ▶ ANSI/ASHRAE Addendum e to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2016)  
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- ▶ ANSI/ASHRAE Addendum e to ANSI/ASHRAE Standard 90.4-2019, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2019)  
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- ▶ ANSI/ASHRAE Addendum f to ANSI/ASHRAE Standard 147-2019, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (addenda to ANSI/ASHRAE Standard 147-2013)  
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- ▶ ANSI/ASHRAE Addendum f to ANSI/ASHRAE Standard 15-2017, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2013)  
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- ▶ ANSI/ASHRAE Addendum f to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)  
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- ▶ ANSI/ASHRAE Addendum f to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016)  
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- ▶ ANSI/ASHRAE Addendum f to ANSI/ASHRAE Standard 188-2018, Legionellosis: Risk Management for Building Water Systems (addenda to ANSI/ASHRAE Standard 188-2018)  
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- ▶ ANSI/ASHRAE Addendum f to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2016)  
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- ▶ ANSI/ASHRAE Addendum f to ANSI/ASHRAE Standard 62.1-2007, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE 62.1-2007)  
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- ▶ ANSI/ASHRAE Addendum f to ANSI/ASHRAE Standard 90.4-2019, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2016)  
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- ▶ ANSI/ASHRAE Addendum g to 90.4-2019, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2016)  
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- ▶ ANSI/ASHRAE Addendum g to ANSI/ASHRAE Standard 147-2013, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (addenda to ANSI/ASHRAE Standard 147-2013)  
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- ▶ ANSI/ASHRAE Addendum g to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)  
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- ▶ ANSI/ASHRAE Addendum g to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016)

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- ▶ ANSI/ASHRAE Addendum g to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)

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- ▶ ANSI/ASHRAE Addendum h to ANSI/ASHRAE Standard 147-2013, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (addenda to ANSI/ASHRAE Standard 147-2013)

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- ▶ ANSI/ASHRAE Addendum h to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016)

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- ▶ ANSI/ASHRAE Addendum h to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)

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- ▶ ANSI/ASHRAE Addendum h to ANSI/ASHRAE Standard 90.4-2019, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2019)

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- ▶ ANSI/ASHRAE Addendum i to ANSI/ASHRAE Standard 135-2012, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2010)

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- ▶ ANSI/ASHRAE Addendum i to ANSI/ASHRAE Standard 147-2013, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (addenda to ANSI/ASHRAE Standard 147-2013)

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- ▶ ANSI/ASHRAE Addendum i to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)

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- ▶ ANSI/ASHRAE Addendum i to ASHRAE Standard 90.4-2019, Energy Standard for Data Centers (addenda to ANSI/ASHRAE Standard 90.4-2016)

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- ▶ ANSI/ASHRAE Addendum j to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum j to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016)  
Public Review Date: Jul 31, 2020 | Final Action Date: Nov 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum j to ANSI/ASHRAE Standard 34-2019, Design and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)  
Public Review Date: Apr 3, 2020 | Final Action Date: Sep 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum k to ANSI/ASHRAE Standard 135.1-2012, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2009)  
Public Review Date: Mar 23, 2012 | Final Action Date: Oct 27, 2012 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum k to ANSI/ASHRAE Standard 147-2013, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (addenda to ANSI/ASHRAE Standard 147-2013)  
Public Review Date: Aug 30, 2019 | Final Action Date: Nov 18, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum k to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)  
Public Review Date: Jul 17, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum k to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016)  
Public Review Date: Sep 17, 2021 | Final Action Date: Oct 29, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum k to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classifications of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)  
Public Review Date: Jul 10, 2020 | Final Action Date: Sep 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum l to Standard 135.1-2012, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2009)  
Public Review Date: Sep 2, 2011 | Final Action Date: Jan 26, 2012 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum l to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)  
Public Review Date: Jul 1, 2022 | Final Action Date: Aug 31, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum l to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016)  
Public Review Date: Sep 17, 2021 | Final Action Date: Oct 29, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum l to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)  
Public Review Date: May 22, 2020 | Final Action Date: Sep 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum m to ANSI/ASHRAE 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)  
Public Review Date: Jul 17, 2020 | Final Action Date: Sep 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum m to ANSI/ASHRAE Standard 135.1-2012, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2009)  
Public Review Date: Mar 23, 2012 | Final Action Date: Oct 27, 2012 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum m to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)  
Public Review Date: Feb 25, 2022 | Final Action Date: Jun 30, 2022 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum m to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016)

Public Review Date: Sep 17, 2021 | Final Action Date: Oct 29, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum n to 135.1-2012, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2009)

Public Review Date: Sep 2, 2011 | Final Action Date: Jan 26, 2012 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum n to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)

Public Review Date: Apr 1, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum n to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016)

Public Review Date: Mar 11, 2022 | Final Action Date: Jun 30, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum n to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)

Public Review Date: Jul 17, 2020 | Final Action Date: Sep 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum o to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)

Public Review Date: Jan 14, 2022 | Final Action Date: Apr 29, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum o to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016)

Public Review Date: Apr 15, 2022 | Final Action Date: Jun 30, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum o to ANSI/ASHRAE Standard 55-2010, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010)

Public Review Date: Apr 19, 2013 | Final Action Date: Jul 24, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum o to ANSI/ASHRAE Standard 62.1-2010, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2010)

Public Review Date: Mar 22, 2013 | Final Action Date: Jul 24, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum p to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)

Public Review Date: Mar 25, 2022 | Final Action Date: Aug 31, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum p to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016)

Public Review Date: Apr 15, 2022 | Final Action Date: Jun 30, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum p to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2016)

Public Review Date: Jul 6, 2018 | Final Action Date: Aug 26, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum p to ANSI/ASHRAE Standard 55-2010, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010)

Public Review Date: Apr 19, 2013 | Final Action Date: Jul 24, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum q to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)

Public Review Date: Feb 25, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum q to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016)

Public Review Date: Apr 15, 2022 | Final Action Date: Jun 30, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum q to ANSI/ASHRAE Standard 34-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2016)

Public Review Date: Oct 5, 2018 | Final Action Date: Jan 17, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum q to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)

Public Review Date: Mar 19, 2021 | Final Action Date: Jun 30, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum q to ANSI/ASHRAE Standard 55-2010, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010)

Public Review Date: Apr 19, 2013 | Final Action Date: Jul 24, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum r to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)

Public Review Date: Mar 11, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum r to ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (addenda to ANSI/ASHRAE Standard 154-2016)

Public Review Date: Apr 15, 2022 | Final Action Date: Jun 30, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum r to ANSI/ASHRAE Standard 34-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2016)

Public Review Date: Oct 5, 2018 | Final Action Date: Jan 17, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum r to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)

Public Review Date: Mar 19, 2021 | Final Action Date: Jun 30, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum s to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)

Public Review Date: Jun 10, 2022 | Final Action Date: Aug 31, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum s to ANSI/ASHRAE Standard 34-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2016)

Public Review Date: Oct 5, 2018 | Final Action Date: Jan 17, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum s to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)

Public Review Date: Mar 19, 2021 | Final Action Date: Jun 30, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum t to ANSI/ASHRAE Standard 62.1-2016, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2016)

Public Review Date: Mar 23, 2018 | Final Action Date: Jan 17, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum u to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)

Public Review Date: Jun 10, 2022 | Final Action Date: Aug 31, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum u to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2016)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Addendum v to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)  
Public Review Date: Jun 10, 2022 | Final Action Date: Aug 31, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum v to ANSI/ASHRAE Standard 34-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2016)  
Public Review Date: Oct 5, 2018 | Final Action Date: Jan 17, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum v to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)  
Public Review Date: Jul 16, 2021 | Final Action Date: Sep 30, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum w to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019)  
Public Review Date: Jun 10, 2022 | Final Action Date: Aug 31, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum w to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)  
Public Review Date: Jul 16, 2021 | Final Action Date: Sep 30, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE Addendum z to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019)  
Public Review Date: Aug 6, 2021 | Final Action Date: Sep 30, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 103-2022, Method of Testing for Annual Fuel Utilization Efficiency of Residential Central Furnaces and Boilers (revision of ANSI/ASHRAE Standard 103-2017)  
PINS Date: Apr 16, 2021 | Public Review Date: May 21, 2021 | Final Action Date: Jan 10, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 105-2021, Standard Methods for Determining, Expressing, and Comparing Building Energy Performance and Greenhouse Gas Emissions (revision of ANSI/ASHRAE Standard 105-2014)  
PINS Date: Oct 20, 2017 | Public Review Date: Oct 16, 2020 | Final Action Date: Dec 6, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 110-2016, Method of Testing Performance of Laboratory Fume Hoods (new standard)  
PINS Date: May 19, 2000 | Public Review Date: Nov 13, 2015 | Final Action Date: Apr 1, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 111-2008 (R2017), Measurement, Testing, Adjusting and Balancing of Building HVAC Systems (reaffirmation of ANSI/ASHRAE Standard 111-2008)  
PINS Date: Jul 22, 2011 | Public Review Date: Jul 28, 2017 | Final Action Date: Nov 1, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 113-2022, Method of Testing Room Air Diffusion (revision of ANSI/ASHRAE Standard 113-2013)  
PINS Date: Feb 12, 2016 | Public Review Date: Jun 18, 2021 | Final Action Date: Nov 30, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 118.1-2022, Method of Testing for Rating Commercial Gas, Electric and Oil Service Water Heating Equipment (revision of ANSI/ASHRAE Standard 118.1-2012)  
PINS Date: Jul 12, 2013 | Public Review Date: May 6, 2022 | Final Action Date: Aug 31, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 118.2-2006 (R2015), Method of Testing for Rating Residential Water Heaters (reaffirmation of ANSI/ASHRAE Standard 118.2-2006)  
PINS Date: Oct 5, 2007 | Public Review Date: Feb 13, 2015 | Final Action Date: Jul 2, 2015 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 118.2-2022, Method of Testing for Rating Residential Water Heaters and Residential-Duty Commercial Water Heaters (revision of ANSI/ASHRAE Standard 118.2-2006)  
PINS Date: Feb 12, 2016 | Public Review Date: Apr 9, 2021 | Final Action Date: Mar 1, 2022 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Standard 120-2022, Method of Testing to Determine Flow Resistance of HVAC Ducts and Fittings (revision of ANSI/ASHRAE Standard 120-2017)  
PINS Date: Nov 5, 2021 | Public Review Date: Dec 3, 2021 | Final Action Date: Feb 28, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 124-2007 (R2016), Methods of Testing for Rating Combination Space-Heating and Water-Heating Appliances (reaffirmation of ANSI/ASHRAE Standard 124-2007)  
PINS Date: Mar 4, 2011 | Public Review Date: Sep 2, 2016 | Final Action Date: Nov 30, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 125-2016, Method of Testing Thermal Energy Meters for Liquid Streams in HVAC Systems (revision of ANSI/ASHRAE Standard 125-1992 (R2011))  
PINS Date: Jul 24, 2015 | Public Review Date: Aug 28, 2015 | Final Action Date: Dec 31, 2015 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 125-2020, Method of Testing Thermal Energy Meters for Liquid Streams in HVAC Systems (revision of ANSI/ASHRAE Standard 125-2016)  
PINS Date: Jul 17, 2020 | Public Review Date: Aug 28, 2020 | Final Action Date: Nov 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 127-2020, Method of Testing for Rating Air Conditioning Units Serving Data Center (DC) and Other Information Technology Equipment (ITE) Spaces (revision of ANSI/ASHRAE Standard 127-2012)  
PINS Date: Oct 18, 2013 | Public Review Date: Mar 27, 2020 | Final Action Date: Nov 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 128-2018, Method of Rating Portable Air Conditioners (revision of ANSI/ASHRAE Standard 128-2011)  
PINS Date: Jul 25, 2014 | Public Review Date: Aug 25, 2017 | Final Action Date: Jun 1, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 130-2016, Laboratory Methods of Testing Air Terminal Units (revision of ANSI/ASHRAE Standard 130-2008)  
PINS Date: Jul 22, 2011 | Public Review Date: Dec 25, 2015 | Final Action Date: Oct 31, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 133-2015, Method of Testing Direct Evaporative Air Coolers (revision of ANSI/ASHRAE Standard 133-2008)  
PINS Date: Jul 22, 2011 | Public Review Date: Aug 29, 2014 | Final Action Date: Feb 2, 2015 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 135-2020, BACnet – A Data Communication Protocol for Building Automation and Control Networks (new standard)  
Final Action Date: Dec 19, 1995 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 135.1-2013, Method of Testing Conformance to BACnet (new standard)  
PINS Date: Apr 7, 2000 | Public Review Date: Jun 14, 2002 | Final Action Date: Aug 6, 2003 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 135.1o-2014, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2013)  
Public Review Date: Aug 2, 2013 | Final Action Date: Dec 31, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 138-2021, Method of Testing for Rating Ceiling Panels for Sensible Heating and Cooling (revision of ANSI/ASHRAE Standard 138-2013 (R2016))  
PINS Date: Nov 27, 2020 | Public Review Date: Dec 25, 2020 | Final Action Date: Mar 31, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 139-2022, Method of Testing for Rating Desiccant Dehumidifiers Utilizing Heat for the Regeneration Process (revision of ANSI/ASHRAE Standard 139-2019)  
PINS Date: Nov 5, 2021 | Public Review Date: Dec 3, 2021 | Final Action Date: Feb 28, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 140-2014, Method of Test for the Evaluation of Building Energy Analysis Computer Programs (new standard)  
Public Review Date: Apr 7, 2000 | Final Action Date: Sep 26, 2001 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Standard 140a-2017, Standard Method of Test for the Evaluation of Building Energy Analysis Computer Programs (addenda to ANSI/ASHRAE Standard 140-2014)  
Public Review Date: Oct 14, 2016 | Final Action Date: May 1, 2017 | [Approved](#)
- ▶ ANSI/ASHRAE Standard 143-2015, Method of Test for Rating Indirect Evaporative Coolers (revision of ANSI/ASHRAE Standard 143-2007)  
PINS Date: Jul 22, 2011 | Public Review Date: Aug 29, 2014 | Final Action Date: Feb 2, 2015 | [Approved](#)
- ▶ ANSI/ASHRAE Standard 145.1-2015, Laboratory Test Method for Assessing the Performance of Gas-Phase Air-Cleaning Systems: Loose Granular Media (revision of ANSI/ASHRAE Standard 145.1-2008)  
PINS Date: Jul 22, 2011 | Public Review Date: Jul 25, 2014 | Final Action Date: Apr 1, 2015 | [Approved](#)
- ▶ ANSI/ASHRAE Standard 145.2-2011, Laboratory Test Method for Assessing the Performance of Gas-Phase Air-Cleaning Systems: Air Cleaning Devices (new standard)  
PINS Date: Apr 8, 2005 | Public Review Date: Sep 10, 2010 | Final Action Date: Jul 27, 2011 | [Approved](#)
- ▶ ANSI/ASHRAE Standard 146-2020, Method of Test for Rating Pool Heaters (revision of ANSI/ASHRAE Standard 146-2011)  
PINS Date: Feb 13, 2015 | Public Review Date: Oct 18, 2019 | Final Action Date: Apr 17, 2020 | [Approved](#)
- ▶ ANSI/ASHRAE Standard 147-2013, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (new standard)  
PINS Date: Oct 21, 2005 | Public Review Date: Apr 12, 2013 | Final Action Date: Jun 27, 2013 | [Approved](#)
- ▶ ANSI/ASHRAE Standard 15-2022, Safety Code for Mechanical Refrigeration (revision of ANSI/ASHRAE Standard 15-1992)  
Final Action Date: Aug 23, 2001 | [Approved](#)
- ▶ ANSI/ASHRAE Standard 15.2-2022, Safety Standard for Refrigeration Systems in Residential Applications (new standard)  
PINS Date: Feb 13, 2015 | Public Review Date: Feb 18, 2022 | Final Action Date: Apr 29, 2022 | [Approved](#)
- ▶ ANSI/ASHRAE Standard 150-2019, Method of Testing the Performance of Cool Storage Systems (revision of ANSI/ASHRAE Standard 150-2000 (R2014))  
PINS Date: Mar 21, 2008 | Public Review Date: Nov 9, 2018 | Final Action Date: May 31, 2019 | [Approved](#)
- ▶ ANSI/ASHRAE Standard 152-2014, Method of Test for Determining the Design and Seasonal Efficiencies of Residential Thermal Distribution Systems (revision of ANSI/ASHRAE Standard 152-2004)  
PINS Date: Oct 20, 2006 | Public Review Date: Apr 19, 2013 | Final Action Date: Feb 19, 2014 | [Approved](#)
- ▶ ANSI/ASHRAE Standard 153-2021, Method of Test for Mass Flow Capacity of Four-Way Refrigerant Reversing Valves (revision of ANSI/ASHRAE Standard 153-2015)  
PINS Date: Jul 20, 2018 | Public Review Date: Jan 1, 2021 | Final Action Date: Jun 30, 2021 | [Approved](#)
- ▶ ANSI/ASHRAE Standard 154-2016, Ventilation for Commercial Cooking Operations (revision of ANSI/ASHRAE Standard 154-2011)  
Public Review Date: Apr 15, 2016 | Final Action Date: Aug 1, 2016 | [Approved](#)
- ▶ ANSI/ASHRAE Standard 158.1-2019, Methods of Testing Capacity of Refrigerant Solenoid Valves (revision of ANSI/ASHRAE Standard 158.1-2012)  
PINS Date: Oct 3, 2014 | Public Review Date: Nov 30, 2018 | Final Action Date: May 31, 2019 | [Approved](#)
- ▶ ANSI/ASHRAE Standard 15a-2018, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2016)  
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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Standard 15c-2016, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2013)

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- ▶ ANSI/ASHRAE Standard 15e-2016, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2013)

Public Review Date: Feb 26, 2016 | Final Action Date: Jun 30, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 15e-2018, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2016)

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- ▶ ANSI/ASHRAE Standard 15g-2016, ANSI/ASHRAE Standard 15-2013, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2013)

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- ▶ ANSI/ASHRAE Standard 15h-2018, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2016)

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- ▶ ANSI/ASHRAE Standard 16-2016, Method of Testing for Rating Room Air Conditioners, Packaged Terminal Air Conditioners and Packaged Terminal Heat Pumps for Cooling and Heating Capacity (revision of ANSI/ASHRAE Standard 16-1983 (R2014))

Public Review Date: Apr 22, 2016 | Final Action Date: Oct 31, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 160-2016, Criteria for Moisture-Control Design Analysis in Buildings (new standard)

PINS Date: Jan 19, 1996 | Public Review Date: Sep 12, 2008 | Final Action Date: Jan 29, 2009 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 160d-2016, Criteria for Moisture-Control Design Analysis in Buildings (addenda to ANSI/ASHRAE Standard 160-2009)

Public Review Date: Mar 18, 2016 | Final Action Date: Aug 1, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 160e-2016, Criteria for Moisture-Control Design Analysis in Buildings (addenda to ANSI/ASHRAE Standard 160-2009)

Public Review Date: Mar 18, 2016 | Final Action Date: Nov 30, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 161-2018, Air Quality Within Commercial Aircraft (new standard)

PINS Date: Jan 19, 1996 | Public Review Date: Sep 22, 2006 | Final Action Date: Apr 2, 2008 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 161a-2017, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161-2013)

Public Review Date: Jul 15, 2016 | Final Action Date: Mar 2, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 164.1-2012 (R2016), Method of Test for Residential Central-System Humidifiers (reaffirmation of ANSI/ASHRAE Standard 164.1-2012)

Public Review Date: Aug 28, 2015 | Final Action Date: Dec 31, 2015 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 164.2-2012 (R2016), Method of Test for Self-Contained Residential Humidifiers (reaffirmation of ANSI/ASHRAE Standard 164.2-2012)

Public Review Date: Aug 28, 2015 | Final Action Date: Dec 31, 2015 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 164.3-2015, Method of Test for Commercial and Industrial Isothermal Humidifiers (new standard)

PINS Date: Jan 19, 1996 | Public Review Date: Apr 25, 2014 | Final Action Date: Mar 2, 2015 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Standard 164.4-2021, Methods of Test for Commercial and Industrial Adiabatic Humidifiers (new standard)  
PINS Date: Feb 17, 2017 | Public Review Date: Dec 20, 2019 | Final Action Date: Oct 29, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 169-2013, Weather Data for Building Design Standards (new standard)  
PINS Date: Apr 11, 1997 | Public Review Date: Sep 23, 2005 | Final Action Date: Jan 27, 2006 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 17-2022, Method of Testing Capacity of Electronic and Thermostatic Refrigerant Expansion Valves (revision of ANSI/ASHRAE Standard 17-2015)  
PINS Date: Jul 20, 2018 | Public Review Date: Aug 12, 2022 | Final Action Date: Nov 30, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 171-2017, Method of Testing for Rating Seismic and Wind Restraints (revision of ANSI/ASHRAE Standard 171-2008)  
PINS Date: Feb 15, 2013 | Public Review Date: Nov 11, 2016 | Final Action Date: Jun 1, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 172-2017, Method of Tests for Insoluble Materials in Synthetic Lubricants and HFC Refrigerant Systems (new standard)  
PINS Date: Apr 7, 2000 | Public Review Date: May 27, 2016 | Final Action Date: Apr 1, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 173-2012 (R2016), Method of Test to Determine the Performance of Halocarbon Refrigerant Leak Detectors (reaffirmation of ANSI/ASHRAE Standard 173-2012)  
Public Review Date: Aug 28, 2015 | Final Action Date: Dec 31, 2015 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 174-2022, Method of Test for Rating Desiccant-Based Dehumidification Equipment (revision of ANSI/ASHRAE Standard 174-2018)  
PINS Date: Nov 5, 2021 | Public Review Date: Dec 3, 2021 | Final Action Date: Feb 28, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 18-2008 (R2013), Methods of Testing for Rating Drinking-Water Coolers with Self-Contained Mechanical Refrigeration (reaffirmation of ANSI/ASHRAE Standard 18-2008)  
Public Review Date: Jul 20, 2012 | Final Action Date: Jan 30, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 181-2018, Methods of Testing for Rating Liquid-to-Liquid Heat Exchangers (revision of ANSI/ASHRAE Standard 181-2014)  
PINS Date: Jul 28, 2017 | Public Review Date: Sep 1, 2017 | Final Action Date: May 1, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 182-2008 (R2013), Method of Testing Absorption Water-Chilling and Water-Heating Packages (reaffirmation of ANSI/ASHRAE Standard 182-2008)  
Public Review Date: Feb 15, 2013 | Final Action Date: Jun 27, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 182-2020, Method of Testing Absorption Water-Chilling and Water-Heating Packages (revision of ANSI/ASHRAE Standard 182-2008)  
PINS Date: Feb 13, 2015 | Public Review Date: Mar 6, 2020 | Final Action Date: Sep 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 184-2020, Method of Test for Field Performance of Liquid-Chilling Systems (revision of ANSI/ASHRAE Standard 184-2016)  
PINS Date: Jul 17, 2020 | Public Review Date: Aug 28, 2020 | Final Action Date: Nov 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 185.1-2015, Method of Testing UVC Lights for Use in Air Handling Units or Air Ducts to Inactivate Airborne Microorganisms (new standard)  
PINS Date: Mar 4, 2005 | Public Review Date: Jul 18, 2014 | Final Action Date: Apr 1, 2015 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 185.2-2014, Method of Testing Ultraviolet Lamps for Use in HVAC&R Units or Air Ducts to Inactivate Microorganisms on Irradiated Surfaces (new standard)  
PINS Date: Feb 17, 2006 | Public Review Date: Apr 5, 2013 | Final Action Date: Jul 3, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 188-2018, Legionellosis: Risk Management for Building Water Systems (new standard)  
PINS Date: Aug 19, 2005 | Public Review Date: Mar 13, 2015 | Final Action Date: Jun 26, 2015 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Standard 190-2020, Method of Testing for Rating Indoor Pool Dehumidifiers (revision of ANSI/ASHRAE Standard 190-2013)  
PINS Date: Feb 24, 2017 | Public Review Date: Jul 19, 2019 | Final Action Date: Jul 31, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 193-2010 (R2014), Method of Test for Determining Airtightness of HVAC Equipment (reaffirmation of ANSI/ASHRAE Standard 193-2010)  
Public Review Date: Aug 16, 2013 | Final Action Date: Jan 23, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 194-2017, Method of Test for Direct-Expansion Ground-Source Heat Pumps (revision of ANSI/ASHRAE Standard 194-2012)  
PINS Date: Feb 13, 2015 | Public Review Date: Feb 24, 2017 | Final Action Date: Dec 1, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 195-2013, Method of Test for Rating Air Terminal Unit Controls (new standard)  
PINS Date: Feb 29, 2008 | Public Review Date: Mar 15, 2013 | Final Action Date: Jun 27, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 198-2013, Method of Test for Rating DX-Dedicated Outdoor Air Systems for Moisture Removal Capacity and Moisture Removal Efficiency (new standard)  
PINS Date: Nov 14, 2008 | Public Review Date: Jun 1, 2012 | Final Action Date: Jan 30, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 199-2016, Method of Testing the Performance of Industrial Pulse Cleaned Dust Collectors (new standard)  
PINS Date: Feb 20, 2009 | Public Review Date: Nov 13, 2015 | Final Action Date: Jun 1, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 20-2019, Method of Test for Rating Remote Mechanical-Draft Air-Cooled Refrigerant Condensers (revision of ANSI/ASHRAE Standard 20-1997 (R2016))  
PINS Date: Jul 24, 2009 | Public Review Date: Apr 6, 2018 | Final Action Date: Jan 4, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 200-2018, Methods of Testing Chilled Beams (revision of ANSI/ASHRAE Standard 200-2015)  
PINS Date: Feb 12, 2016 | Public Review Date: May 11, 2018 | Final Action Date: Dec 7, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 203-2018 (R2021), Method of Test for Determining Heat Gain of Office Equipment Used in Buildings (reaffirmation of ANSI/ASHRAE Standard 203-2018)  
Public Review Date: Feb 12, 2021 | Final Action Date: Jun 30, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 204-2020, Method of Test for Rating Micro Combined Heat and Power Devices (new standard)  
PINS Date: Jul 30, 2010 | Public Review Date: Nov 1, 2019 | Final Action Date: Sep 1, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 205-2023, Standard Representation of Performance Simulation Data for HVAC&R and Other Facility Equipment (new standard)  
PINS Date: Nov 12, 2010 | Public Review Date: Jul 22, 2022 | Final Action Date: Dec 30, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 206-2013 (R2017), Method of Testing for Rating of Multi-Purpose Heat Pumps for Residential Space Conditioning and Water Heating (reaffirmation of ANSI/ASHRAE Standard 206-2013)  
Public Review Date: Feb 24, 2017 | Final Action Date: Jun 1, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 207-2021, Laboratory Method of Test of Fault Detection and Diagnosis for Air Economizers (new standard)  
PINS Date: Jul 22, 2011 | Public Review Date: Aug 7, 2020 | Final Action Date: Feb 26, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 209-2018, Energy Simulation Aided Design for Buildings except Low-Rise Residential Buildings (new standard)  
PINS Date: Nov 25, 2011 | Public Review Date: Dec 22, 2017 | Final Action Date: Apr 2, 2018 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Standard 212-2019, Method of Test for Determining Energy Performance and Water-Use Efficiency of Add-On Evaporative Pre-Coolers for Unitary Air Conditioning Equipment (new standard)  
PINS Date: Nov 16, 2012 | Public Review Date: Nov 9, 2018 | Final Action Date: Jun 25, 2019 | [Approved](#)

- ▶ ANSI/ASHRAE Standard 214-2017, Standard for Determining and Expressing Building Energy Performance in a Rating Program (new standard)  
PINS Date: Jul 19, 2013 | Public Review Date: Feb 10, 2017 | Final Action Date: Apr 7, 2017 | [Approved](#)

- ▶ ANSI/ASHRAE Standard 215-2018 (R2021), Method of Test to Determine Leakage of Operating HVAC Air-Distribution Systems (reaffirmation of ANSI/ASHRAE Standard 215-2018)  
Public Review Date: Jul 16, 2021 | Final Action Date: Sep 30, 2021 | [Approved](#)

- ▶ ANSI/ASHRAE Standard 216-2020, Methods of Test for Determining Application Data of Overhead Circulator Fans (new standard)  
PINS Date: Feb 14, 2014 | Public Review Date: Jan 24, 2020 | Final Action Date: Nov 30, 2020 | [Approved](#)

- ▶ ANSI/ASHRAE Standard 217-2020, Non-Emergency Ventilation in Enclosed Road, Rail and Mass Transit Facilities (new standard)  
PINS Date: Feb 14, 2014 | Public Review Date: Sep 27, 2019 | Final Action Date: Jun 30, 2020 | [Approved](#)

- ▶ ANSI/ASHRAE Standard 218-2019, Method of Test for Lubricant and Refrigerant Miscibility Determination (new standard)  
PINS Date: Jul 18, 2014 | Public Review Date: Sep 28, 2018 | Final Action Date: Apr 18, 2019 | [Approved](#)

- ▶ ANSI/ASHRAE Standard 219-2021, Method of Testing the Ability of Liquid Line Filter Driers or Adsorbents to Remove Organic Acid (new standard)  
PINS Date: Jul 17, 2015 | Public Review Date: Sep 18, 2020 | Final Action Date: Feb 26, 2021 | [Approved](#)

- ▶ ANSI/ASHRAE Standard 22-2018, Methods of Testing for Rating Liquid-Cooled Refrigerant Condensers (revision of ANSI/ASHRAE Standard 22-2014)  
PINS Date: Jul 28, 2017 | Public Review Date: Sep 1, 2017 | Final Action Date: May 1, 2018 | [Approved](#)

- ▶ ANSI/ASHRAE Standard 221-2020, Test Method to Field-Measure and Score the Cooling and Heating Performance of an Installed Unitary HVAC System (new standard)  
PINS Date: Jul 22, 2016 | Public Review Date: Sep 27, 2019 | Final Action Date: Jul 31, 2020 | [Approved](#)

- ▶ ANSI/ASHRAE Standard 225-2020, Methods for Performance Testing Centrifugal Refrigerant Compressors and Condensing Units (new standard)  
PINS Date: Jul 13, 2018 | Public Review Date: Jan 17, 2020 | Final Action Date: Apr 13, 2020 | [Approved](#)

- ▶ ANSI/ASHRAE Standard 23-2022, Methods for Performance Testing Positive Displacement Refrigerant Compressors and Compressor Units (new standard)  
PINS Date: Nov 30, 2018 | Public Review Date: Oct 8, 2021 | Final Action Date: Jan 21, 2022 | [Approved](#)

- ▶ ANSI/ASHRAE Standard 230P-2022, Commissioning Process for Existing Systems and Assemblies (new standard)  
PINS Date: Nov 30, 2018 | Public Review Date: Sep 10, 2021 | Final Action Date: Nov 8, 2022 | [Approved](#)

- ▶ ANSI/ASHRAE Standard 24-2019, Methods of Testing for Rating Evaporators Used for Cooling Liquids (revision of ANSI/ASHRAE Standard 24-2013)  
PINS Date: Feb 12, 2016 | Public Review Date: Feb 8, 2019 | Final Action Date: Aug 26, 2019 | [Approved](#)

- ▶ ANSI/ASHRAE Standard 25-2018, Methods of Testing Forced Circulation Free-Delivery Unit Coolers for Refrigeration (revision of ANSI/ASHRAE Standard 25-2001 (R2016))  
PINS Date: Jul 25, 2008 | Public Review Date: May 4, 2018 | Final Action Date: Dec 17, 2018 | [Approved](#)

**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Standard 26-2010 (R2020), Mechanical Refrigeration and Air Conditioning Installations Aboard Ship (reaffirmation of ANSI/ASHRAE Standard 26-2010)

Public Review Date: Nov 1, 2019 | Final Action Date: Feb 10, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 28-1996 (R2020), Method of Testing Flow Capacity of Refrigerant Capillary Tubes (reaffirmation of ANSI/ASHRAE Standard 28-1996 (R2010))

Public Review Date: Nov 1, 2019 | Final Action Date: Feb 10, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 29-2018, Methods of Testing Automatic Ice Makers (reaffirmation of ANSI/ASHRAE Standard 29-2015)

Public Review Date: Jul 20, 2018 | Final Action Date: Oct 29, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 30-2019, Method of Testing Liquid Chillers (revision of ANSI/ASHRAE Standard 30-2017)

PINS Date: Feb 23, 2018 | Public Review Date: Oct 12, 2018 | Final Action Date: May 1, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 32.1-2017, Method of Testing for Rating Refrigerated Vending Machines for Sealed Beverages (revision of ANSI/ASHRAE Standard 32.1-2017)

PINS Date: Feb 25, 2022 | Public Review Date: Apr 22, 2022 | Final Action Date: Dec 30, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 32.2-2018 (R2022), Methods of Testing for Rating Pre-Mix and Post-Mix Beverage Dispensing Equipment (reaffirmation of ANSI/ASHRAE Standard 32.2-2018)

Public Review Date: Apr 22, 2022 | Final Action Date: Jun 30, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 33-2016, Methods of Testing Forced Circulation Air Cooling and Air Heating Coils (revision of ANSI/ASHRAE Standard 33-2001)

PINS Date: Dec 2, 2005 | Public Review Date: Oct 30, 2015 | Final Action Date: Apr 1, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 34-2022, Number Designation and Safety Classification of Refrigerants (revision of ANSI/ASHRAE Standard 34-2001)

Final Action Date: Apr 24, 2001 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 34aa-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

Public Review Date: Feb 26, 2016 | Final Action Date: Jul 27, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 34ae-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

Public Review Date: Mar 18, 2016 | Final Action Date: Jul 27, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 34aj-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

Public Review Date: Mar 18, 2016 | Final Action Date: Jul 27, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 34g-2018, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2016)

Public Review Date: Mar 16, 2018 | Final Action Date: Jun 28, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 34i-2018, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2016)

Public Review Date: Nov 3, 2017 | Final Action Date: Jun 28, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 34o-2018, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2016)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Standard 34w-2017, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)

Public Review Date: Sep 4, 2015 | Final Action Date: Mar 2, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 34x-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2016)

Public Review Date: Mar 15, 2019 | Final Action Date: Jun 27, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 34y-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2016)

Public Review Date: Mar 15, 2019 | Final Action Date: Jun 27, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 35-2014, Method of Testing Desiccants for Refrigerant Drying (revision of ANSI/ASHRAE Standard 35-2010)

PINS Date: Oct 18, 2013 | Public Review Date: Nov 22, 2013 | Final Action Date: Jan 23, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 37-2009 (R2019), Methods of Testing for Rating Electrically Driven Unitary Air-Conditioning and Heat Pump Equipment (reaffirmation of ANSI/ASHRAE Standard 37-2009)

PINS Date: Jul 20, 2012 | Public Review Date: Apr 5, 2019 | Final Action Date: Jun 21, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 40-2014, Methods of Testing for Rating Heat Operated Unitary Air-Conditioning and Heat-Pump Equipment (revision of ANSI/ASHRAE Standard 40-2002 (R2006))

PINS Date: Jul 30, 2010 | Public Review Date: Jul 12, 2013 | Final Action Date: Jan 23, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 41.1-2020, Standard Methods for Temperature Measurement (revision of ANSI/ASHRAE Standard 41.1-2013)

PINS Date: May 20, 2016 | Public Review Date: Feb 14, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 41.10-2020, Standard Methods for Refrigerant Flow Measurement Using Flowmeters (revision of ANSI/ASHRAE Standard 41.10-2013)

PINS Date: May 20, 2016 | Public Review Date: Feb 14, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 41.11-2020, Standard Methods for Power Measurement (revision of ANSI/ASHRAE Standard 41.11-2014)

PINS Date: Mar 3, 2017 | Public Review Date: May 29, 2020 | Final Action Date: Nov 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 41.2-2022, Standard Methods for Air Velocity and Airflow Measurements (revision of ANSI/ASHRAE Standard 41.2-2018)

PINS Date: Mar 5, 2021 | Public Review Date: Dec 3, 2021 | Final Action Date: Feb 28, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 41.3-2022, Standard Methods for Pressure Measurement (revision of ANSI/ASHRAE Standard 41.3-2014)

PINS Date: Mar 3, 2017 | Public Review Date: Oct 22, 2021 | Final Action Date: Jan 21, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 41.4-2015, Standard Method for Measuring the Proportion of Lubricant in Liquid Refrigerant (revision of ANSI/ASHRAE Standard 41.4-1996 (R2006))

PINS Date: Oct 29, 2010 | Public Review Date: Sep 26, 2014 | Final Action Date: May 1, 2015 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 41.6-2021, Standard Methods for Humidity Measurements (revision of ANSI/ASHRAE Standard 41.6-2014)

PINS Date: Mar 3, 2017 | Public Review Date: Jun 25, 2021 | Final Action Date: Oct 29, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 41.7-2015 (R2018), Standard Methods for Gas Flow Measurement (reaffirmation of ANSI/ASHRAE Standard 41.7-2015)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Standard 41.7-2021, Standard Methods for Gas Flow Measurement (revision of ANSI/ASHRAE Standard 41.7-2015)  
PINS Date: Mar 27, 2020 | Public Review Date: Nov 13, 2020 | Final Action Date: Mar 31, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 41.8-2016 (R2019), Standard Methods for Liquid Flow Measurement (reaffirmation of ANSI/ASHRAE Standard 41.8-2016)  
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- ▶ ANSI/ASHRAE Standard 41.9-2021, Standard Methods for Refrigerant Mass Flow Measurements Using Calorimeters (revision of ANSI/ASHRAE Standard 41.9-2018)  
PINS Date: Mar 27, 2020 | Public Review Date: Nov 13, 2020 | Final Action Date: Mar 31, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 52.2-2017, Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size (new standard)  
Public Review Date: Apr 11, 1997 | Final Action Date: Dec 2, 1999 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 52.2a-2018, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2012)  
Public Review Date: May 11, 2018 | Final Action Date: Aug 30, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 55-2020, Thermal Environmental Conditions for Human Occupancy (new standard)  
Public Review Date: Aug 29, 2003 | Final Action Date: Apr 16, 2004 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 62.1-2019, Ventilation for Acceptable Indoor Air Quality (revision of ANSI/ASHRAE Standard 62.1-1991)  
Final Action Date: May 16, 2001 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 62.2-2019, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (new standard)  
Public Review Date: Nov 8, 2002 | Final Action Date: Feb 20, 2004 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 63.2-2017, Method of Testing Liquid-Line Filter Drier Filtration Capability (revision of ANSI/ASHRAE Standard 63.2-1996 (R2010))  
PINS Date: Oct 18, 2013 | Public Review Date: Mar 17, 2017 | Final Action Date: Jun 1, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 64-2020, Methods of Laboratory Testing Remote Mechanical-Draft Evaporative Refrigerant Condensers (revision of ANSI/ASHRAE Standard 64-2011)  
PINS Date: Feb 13, 2015 | Public Review Date: Aug 7, 2020 | Final Action Date: Nov 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 70-2006 (R2021), Method of Testing for Rating the Performance of Air Outlets and Air Inlets (reaffirmation of ANSI/ASHRAE Standard 70-2006 (R2011))  
PINS Date: Jul 25, 2014 | Public Review Date: Dec 25, 2020 | Final Action Date: Mar 31, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 72-2018, Method of Testing Open and Closed Commercial Refrigerators and Freezers (revision of ANSI/ASHRAE Standard 72-2014)  
Public Review Date: Oct 27, 2017 | Final Action Date: Aug 1, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 72-2022, Method of Testing Open and Closed Commercial Refrigerators and Freezers (revision of ANSI/ASHRAE Standard 72-2018)  
Public Review Date: Apr 22, 2022 | Final Action Date: Jun 30, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 78-1985 (R2017), Method of Testing Flow Capacity of Suction Line Filters and Filter-Driers (reaffirmation of ANSI/ASHRAE Standard 78-1985 (R2007))  
Public Review Date: Feb 24, 2017 | Final Action Date: Jun 1, 2017 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE Standard 79-2015, Method of Testing for Fan-Coil Units (revision of ANSI/ASHRAE Standard 79-2002 (R2006))  
PINS Date: Jul 30, 2010 | Public Review Date: Mar 6, 2015 | Final Action Date: Oct 1, 2015 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 84-2020, Method of Testing Air-to-Air Heat/Energy Exchangers (revision of ANSI/ASHRAE Standard 84-2013)  
PINS Date: Feb 12, 2016 | Public Review Date: Oct 18, 2019 | Final Action Date: Apr 13, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 86-2013 (R2016), Methods of Testing the Floc Point of Refrigeration Grade Oils (reaffirmation of ANSI/ASHRAE Standard 86-2013)  
Public Review Date: Sep 2, 2016 | Final Action Date: Nov 30, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 90.2-2007, Energy Efficient Design of New Low-Rise Residential Buildings (revision of ANSI/ASHRAE Standard 90.2-1993)  
Final Action Date: Jul 24, 2001 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 90.4-2019, Energy Standard for Data Centers (new standard)  
PINS Date: Jul 13, 2012 | Public Review Date: Apr 29, 2016 | Final Action Date: Jul 27, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE Standard 97-2007 (R2017), Sealed Glass Tube Method to Test the Chemical Stability of Materials for Use within Refrigerant Systems (reaffirmation of ANSI/ASHRAE Standard 97-2007)  
Public Review Date: Feb 24, 2017 | Final Action Date: Jun 1, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ACCA Standard 180-2018, Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems (revision of ANSI/ASHRAE/ACCA Standard 180-2008)  
PINS Date: Jul 25, 2014 | Public Review Date: Mar 2, 2018 | Final Action Date: Jun 11, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE/ACCA Standard 183-2007 (R2020), Peak Cooling and Heating Load Calculations in Buildings Except Low-Rise Residential Buildings (reaffirmation of ANSI/ASHRAE/ACCA Standard 183-2007 (R2017))  
Public Review Date: Aug 28, 2020 | Final Action Date: Nov 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ACCA Standard 211-2018, Standard for Commercial Building Energy Audits (new standard)  
PINS Date: Jul 13, 2012 | Public Review Date: Jul 7, 2017 | Final Action Date: May 1, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE 170h-2016, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)  
Public Review Date: Oct 16, 2015 | Final Action Date: Jun 1, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE 170a-2009, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008)  
Public Review Date: Mar 20, 2009 | Final Action Date: Jun 25, 2009 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE 170ad-2016, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)  
Public Review Date: Oct 16, 2015 | Final Action Date: Jul 27, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE 170d-2010, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008)  
Public Review Date: Nov 20, 2009 | Final Action Date: Jul 10, 2010 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE 170f-2016, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)  
Public Review Date: Mar 20, 2015 | Final Action Date: Jun 1, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE 170g-2011, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2008)  
Public Review Date: Sep 10, 2010 | Final Action Date: Mar 3, 2011 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/ASHE 170m-2016, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)  
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- ▶ ANSI/ASHRAE/ASHE 170r-2012, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008)  
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- ▶ ANSI/ASHRAE/ASHE Addendum 170a-2014, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)  
Public Review Date: Mar 21, 2014 | Final Action Date: Dec 1, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170a-2017, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Addendum 170a-2014)  
Public Review Date: Apr 17, 2020 | Final Action Date: Sep 1, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170ac-2013, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2008)  
Public Review Date: May 17, 2013 | Final Action Date: Jul 31, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170ae-2014, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2013)  
Public Review Date: Aug 23, 2013 | Final Action Date: Oct 6, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170b-2014, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)  
Public Review Date: Mar 21, 2014 | Final Action Date: Jul 3, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170b-2017, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)  
Public Review Date: Aug 16, 2019 | Final Action Date: Mar 2, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170c-2016, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)  
Public Review Date: Sep 12, 2014 | Final Action Date: Jun 1, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170c-2016a, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)  
Public Review Date: Mar 20, 2015 | Final Action Date: Jun 1, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170c-2016b, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)  
Public Review Date: Oct 16, 2015 | Final Action Date: Jun 1, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170c-2017, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)  
Public Review Date: Aug 16, 2019 | Final Action Date: Mar 2, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170c-2021, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2021)  
Public Review Date: Jun 4, 2021 | Final Action Date: Jul 30, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170d-2015, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)  
Public Review Date: Sep 12, 2014 | Final Action Date: Jun 1, 2015 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/ASHE Addendum 170d-2017, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Addendum 170d-2015)

Public Review Date: Apr 17, 2020 | Final Action Date: Dec 16, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170d-2021, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2021)

Public Review Date: Sep 24, 2021 | Final Action Date: Oct 29, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170e-2011, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008)

Public Review Date: Jul 23, 2010 | Final Action Date: Feb 3, 2011 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170e-2014, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)

Public Review Date: Sep 12, 2014 | Final Action Date: Dec 1, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170e-2017, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Addendum 170e-2014)

Public Review Date: Apr 17, 2020 | Final Action Date: Dec 16, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170e-2021, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2021)

Public Review Date: Jun 24, 2022 | Final Action Date: Sep 30, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170f-2011, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008)

Public Review Date: Jul 23, 2010 | Final Action Date: Feb 3, 2011 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170f-2016, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)

Public Review Date: Oct 16, 2015 | Final Action Date: Jun 1, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170f-2021, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2021)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170g-2015, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)

Public Review Date: Mar 20, 2015 | Final Action Date: Oct 1, 2015 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170g-2019, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2017)

Public Review Date: Sep 6, 2019 | Final Action Date: Dec 20, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170g-2021, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2021)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170h-2011, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008)

Public Review Date: Jul 23, 2010 | Final Action Date: Jul 27, 2011 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170h-2017, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/ASHE Addendum 170h-2021, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2021)

Public Review Date: Jun 24, 2022 | Final Action Date: Sep 30, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170i-2017, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2017)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170j-2012, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170j-2017, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2017)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170k-2013, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2008)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170k-2016, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)

Public Review Date: Jun 10, 2016 | Final Action Date: Aug 1, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170k-2017, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Addendum 170k-2016)

Public Review Date: Apr 17, 2020 | Final Action Date: Jul 31, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170L-2012, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008)

Public Review Date: May 27, 2011 | Final Action Date: Jan 26, 2012 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170L-2017, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Addendum 170L-2012)

Public Review Date: Apr 17, 2020 | Final Action Date: Feb 26, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170M-2012, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008)

Public Review Date: May 27, 2011 | Final Action Date: Jan 26, 2012 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170m-2017, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Addendum 170M-2012)

Public Review Date: Apr 17, 2020 | Final Action Date: Jul 31, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170n-2013, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2008)

Public Review Date: Sep 14, 2012 | Final Action Date: Jan 30, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170n-2017, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2017)

Public Review Date: Jul 28, 2017 | Final Action Date: Mar 3, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170p-2012, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2008)

Public Review Date: Sep 2, 2011 | Final Action Date: Oct 27, 2012 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/ASHE Addendum 170p-2017, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)  
Public Review Date: Aug 16, 2019 | Final Action Date: Mar 2, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170q-2012, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008)  
Public Review Date: Mar 23, 2012 | Final Action Date: Oct 27, 2012 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170q-2019, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2017)  
Public Review Date: Mar 23, 2018 | Final Action Date: Dec 12, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170r-2017, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)  
Public Review Date: Sep 18, 2020 | Final Action Date: Nov 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170s-2012, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008)  
Public Review Date: Mar 23, 2012 | Final Action Date: Jun 28, 2012 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170s-2017, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)  
Public Review Date: Sep 18, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170t-2012, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008)  
Public Review Date: Jun 8, 2012 | Final Action Date: Oct 27, 2012 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170v-2013, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2008)  
Public Review Date: Sep 14, 2012 | Final Action Date: Jan 30, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170w to Standard 170-2008, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008)  
Public Review Date: Mar 22, 2013 | Final Action Date: Jul 4, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum 170y-2013, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2008)  
Public Review Date: Apr 19, 2013 | Final Action Date: Dec 5, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum a to ANSI/ASHRAE/ASHE Standard 189.3-2019, Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 189.3-2017)  
Public Review Date: Jun 21, 2019 | Final Action Date: Jul 30, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum ab to ANSI/ASHRAE/ASHE Standard 170-2008, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2008)  
Public Review Date: Apr 19, 2013 | Final Action Date: Jul 24, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum b to ANSI/ASHRAE/ASHE Standard 189.3-2017, Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 189.3-2017)  
Public Review Date: Oct 16, 2020 | Final Action Date: Dec 30, 2020 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/ASHE Addendum b to ANSI/ASHRAE/ASHE Standard 189.3-2021, Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 189.3-2017)  
Public Review Date: Apr 22, 2022 | Final Action Date: Jun 30, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum c to ANSI/ASHRAE/ASHE Standard 189.3-2017, Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 189.3-2017)  
Public Review Date: Aug 14, 2020 | Final Action Date: Dec 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum c to ANSI/ASHRAE/ASHE Standard 189.3-2021, Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 189.3-2021)  
Public Review Date: Apr 22, 2022 | Final Action Date: Jun 30, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum d to ANSI/ASHRAE/ASHE Standard 189.3-2021, Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 189.3-2021)  
Public Review Date: Jul 29, 2022 | Final Action Date: Sep 30, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum u to ANSI/ASHRAE/ASHE Standard 170-2008, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008)  
Public Review Date: Jun 8, 2012 | Final Action Date: Jul 4, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum x to ANSI/ASHRAE/ASHE Standard 170-2008, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008)  
Public Review Date: Feb 15, 2013 | Final Action Date: Jul 24, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Addendum z to ANSI/ASHRAE/ASHE Standard 170-2008, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2008)  
Public Review Date: Apr 19, 2013 | Final Action Date: Jul 24, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Standard 170-2021, Ventilation of Health Care Facilities (new standard)  
PINS Date: Apr 7, 2000 | Public Review Date: Mar 21, 2008 | Final Action Date: Jul 24, 2008 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Standard 170b-2009, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2008)  
Public Review Date: Jun 19, 2009 | Final Action Date: Nov 16, 2009 | [Approved](#)

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- ▶ ANSI/ASHRAE/ASHE Standard 189.3-2021, Standard for the Design, Construction and Operation of Sustainable High-Performance Health Care Facilities (new standard)  
PINS Date: Feb 15, 2008 | Public Review Date: Dec 30, 2016 | Final Action Date: Apr 1, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/IES/USGBC 189.1ar-2018, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: May 26, 2017 | Final Action Date: Feb 21, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/IES/USGBC 189.1i-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Apr 8, 2016 | Final Action Date: Feb 13, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/IES/USGBC 189.1k-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Oct 30, 2015 | Final Action Date: Mar 2, 2017 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/ICC/IES/USGBC 189.1L-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Feb 26, 2016 | Final Action Date: Mar 2, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/IES/USGBC Addendum aa to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)  
Public Review Date: Aug 12, 2022 | Final Action Date: Oct 31, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/IES/USGBC Addendum c to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)  
Public Review Date: Feb 26, 2021 | Final Action Date: Apr 30, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/IES/USGBC Addendum d to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)  
Public Review Date: Apr 2, 2021 | Final Action Date: Jun 30, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/IES/USGBC Addendum e to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)  
Public Review Date: Apr 2, 2021 | Final Action Date: Jun 30, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/IES/USGBC Addendum f to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)  
Public Review Date: Dec 31, 2021 | Final Action Date: Jul 29, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/IES/USGBC Addendum g to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)  
Public Review Date: Jul 2, 2021 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/IES/USGBC Addendum h to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)  
Public Review Date: Aug 20, 2021 | Final Action Date: Jan 21, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/IES/USGBC Addendum i to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)  
Public Review Date: Aug 12, 2022 | Final Action Date: Oct 31, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/IES/USGBC Addendum j to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)  
Public Review Date: Sep 24, 2021 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/IES/USGBC Addendum k to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)  
Public Review Date: Dec 3, 2021 | Final Action Date: Nov 8, 2022 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/ICC/IES/USGBC Addendum I to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)  
Public Review Date: Jan 21, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)
- ▶ ANSI/ASHRAE/ICC/IES/USGBC Addendum m to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)  
Public Review Date: Jan 21, 2022 | Final Action Date: Nov 8, 2022 | [Approved](#)
- ▶ ANSI/ASHRAE/ICC/IES/USGBC Addendum n to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)  
Public Review Date: Dec 31, 2021 | Final Action Date: Feb 28, 2022 | [Approved](#)
- ▶ ANSI/ASHRAE/ICC/IES/USGBC Addendum o to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)  
Public Review Date: Jan 21, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)
- ▶ ANSI/ASHRAE/ICC/IES/USGBC Addendum p to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)  
Public Review Date: Mar 11, 2022 | Final Action Date: Jun 30, 2022 | [Approved](#)
- ▶ ANSI/ASHRAE/ICC/IES/USGBC Addendum q to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)  
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- ▶ ANSI/ASHRAE/ICC/IES/USGBC Addendum r to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)  
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- ▶ ANSI/ASHRAE/ICC/IES/USGBC Addendum s to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)  
Public Review Date: Apr 29, 2022 | Final Action Date: Oct 31, 2022 | [Approved](#)
- ▶ ANSI/ASHRAE/ICC/IES/USGBC Addendum y to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)  
Public Review Date: Jul 8, 2022 | Final Action Date: Nov 8, 2022 | [Approved](#)
- ▶ ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for High-Performance Green Buildings Except Low-Rise Residential Buildings (new standard)  
PINS Date: May 19, 2006 | Public Review Date: Sep 18, 2009 | Final Action Date: Jan 22, 2010 | [Approved](#)
- ▶ ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1ab-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Aug 5, 2016 | Final Action Date: Feb 13, 2017 | [Approved](#)
- ▶ ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1n-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Apr 8, 2016 | Final Action Date: Feb 13, 2017 | [Approved](#)

**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1p-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Apr 8, 2016 | Final Action Date: Feb 13, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1t-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Apr 8, 2016 | Final Action Date: Feb 13, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1u-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Apr 8, 2016 | Final Action Date: Feb 13, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1x-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Aug 5, 2016 | Final Action Date: Feb 13, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1y-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Aug 5, 2016 | Final Action Date: Feb 13, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1.z-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Aug 5, 2016 | Final Action Date: Feb 13, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1.ax-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Dec 30, 2016 | Final Action Date: May 1, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1aa-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Dec 30, 2016 | Final Action Date: Aug 23, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1.ac-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Dec 30, 2016 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1.ad-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Aug 5, 2016 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1ae-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Nov 4, 2016 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1.ag-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Nov 4, 2016 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1.ah-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Nov 4, 2016 | Final Action Date: May 1, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1.ai-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Nov 4, 2016 | Final Action Date: Jul 27, 2017 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1aj-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Nov 4, 2016 | Final Action Date: May 1, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1ak-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Nov 4, 2016 | Final Action Date: Aug 23, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1al-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Mar 31, 2017 | Final Action Date: Jul 27, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1am-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Nov 4, 2016 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1ap-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Nov 4, 2016 | Final Action Date: May 1, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1aq-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Nov 4, 2016 | Final Action Date: Aug 23, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1as-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Mar 31, 2017 | Final Action Date: Sep 12, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1au-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Dec 30, 2016 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1av-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Mar 31, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1aw-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Feb 3, 2017 | Final Action Date: Aug 23, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1ay-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Dec 30, 2016 | Final Action Date: Aug 23, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1az-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Dec 30, 2016 | Final Action Date: Aug 23, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1ba-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Jan 20, 2017 | Final Action Date: May 1, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1bb-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Feb 3, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1bd-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Mar 31, 2017 | Final Action Date: Jul 27, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1be-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Sep 2, 2016 | Final Action Date: Aug 3, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1bh-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Mar 31, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1bi-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Mar 31, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1bj-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Mar 31, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1bk-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Mar 31, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1bl-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Mar 31, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1bn-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Mar 31, 2017 | Final Action Date: Jul 27, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1bo-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Mar 31, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1bp-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Mar 31, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1br-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Mar 31, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1bs-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Mar 31, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1bt-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Mar 31, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1bu-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Mar 31, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1bv-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Mar 31, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1bw-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Mar 31, 2017 | Final Action Date: Jul 27, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1bx-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Mar 31, 2017 | Final Action Date: Jul 27, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1bz-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Mar 31, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1cd-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Mar 31, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1ch-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: May 26, 2017 | Final Action Date: Jul 27, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1ck-2018, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: May 26, 2017 | Final Action Date: Jun 28, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1cl-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: May 26, 2017 | Final Action Date: Jul 27, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1o-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Apr 8, 2016 | Final Action Date: May 20, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1r-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Apr 8, 2016 | Final Action Date: Jul 27, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1s-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Apr 8, 2016 | Final Action Date: May 20, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1v-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Jan 20, 2017 | Final Action Date: May 1, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES 189.1w-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Aug 5, 2016 | Final Action Date: May 1, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum 189.1a-2019, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Feb 9, 2018 | Final Action Date: Aug 26, 2019 | [Approved](#)

**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum 189.1b-2019, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Feb 9, 2018 | Final Action Date: Aug 26, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum 189.1bm-2019, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Feb 9, 2018 | Final Action Date: Jul 24, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum aa to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Feb 14, 2020 | Final Action Date: Jul 31, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum ab to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: May 22, 2020 | Final Action Date: Sep 1, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum af to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Jul 12, 2019 | Final Action Date: Sep 1, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum ah to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Aug 30, 2019 | Final Action Date: Jul 31, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum aj to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Sep 6, 2019 | Final Action Date: Feb 6, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum an to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Oct 18, 2019 | Final Action Date: Mar 2, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum ao to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)  
Public Review Date: Nov 1, 2019 | Final Action Date: Feb 6, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum ap to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)  
Public Review Date: Feb 14, 2020 | Final Action Date: Jul 6, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum aq to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020)  
Public Review Date: Jul 2, 2021 | Final Action Date: Jul 29, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum ar to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)  
Public Review Date: Feb 14, 2020 | Final Action Date: Jul 6, 2020 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum as to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)

Public Review Date: Feb 14, 2020 | Final Action Date: Jul 6, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum at to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)

Public Review Date: Feb 14, 2020 | Final Action Date: Jul 6, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum au to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum av to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)

Public Review Date: Feb 14, 2020 | Final Action Date: Jul 6, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum aw to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)

Public Review Date: Feb 14, 2020 | Final Action Date: Sep 1, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum ax to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum ay to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)

Public Review Date: Feb 14, 2020 | Final Action Date: Jul 6, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum az to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)

Public Review Date: Feb 14, 2020 | Final Action Date: Jul 6, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum ba to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)

Public Review Date: Feb 14, 2020 | Final Action Date: Jul 6, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum bb to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)

Public Review Date: Feb 14, 2020 | Final Action Date: Sep 1, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum bc to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)

Public Review Date: Jun 26, 2020 | Final Action Date: Sep 30, 2020 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum bd to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)

Public Review Date: Feb 14, 2020 | Final Action Date: Jul 6, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum be to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)

Public Review Date: Jun 5, 2020 | Final Action Date: Aug 18, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum bf to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)

Public Review Date: Jun 5, 2020 | Final Action Date: Aug 18, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum bg to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)

Public Review Date: Jun 5, 2020 | Final Action Date: Aug 18, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum bh to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)

Public Review Date: Feb 14, 2020 | Final Action Date: Jul 6, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum bj to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)

Public Review Date: Jun 26, 2020 | Final Action Date: Dec 16, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum bk to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)

Public Review Date: Mar 20, 2020 | Final Action Date: Jul 6, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum bl to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)

Public Review Date: Mar 20, 2020 | Final Action Date: Jul 6, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum bn to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)

Public Review Date: Jun 5, 2020 | Final Action Date: Aug 18, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum bo to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)

Public Review Date: Jun 26, 2020 | Final Action Date: Dec 16, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum bp to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)

Public Review Date: Mar 20, 2020 | Final Action Date: Jul 6, 2020 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum bq to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)  
Public Review Date: Jun 26, 2020 | Final Action Date: Sep 30, 2020 | [Approved](#)
- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum br to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)  
Public Review Date: Jun 26, 2020 | Final Action Date: Dec 16, 2020 | [Approved](#)
- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum bs to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Jun 5, 2020 | Final Action Date: Aug 18, 2020 | [Approved](#)
- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum bt to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Jun 5, 2020 | Final Action Date: Aug 18, 2020 | [Approved](#)
- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum bu to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Jun 5, 2020 | Final Action Date: Aug 18, 2020 | [Approved](#)
- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum bw to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Jul 17, 2020 | Final Action Date: Sep 30, 2020 | [Approved](#)
- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum m to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Sep 6, 2019 | Final Action Date: Jul 31, 2020 | [Approved](#)
- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum o to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017)  
Public Review Date: Feb 14, 2020 | Final Action Date: Sep 1, 2020 | [Approved](#)
- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum p to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Aug 30, 2019 | Final Action Date: Mar 31, 2020 | [Approved](#)
- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum q to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Jul 12, 2019 | Final Action Date: Mar 31, 2020 | [Approved](#)
- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum s to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Mar 8, 2019 | Final Action Date: Sep 1, 2020 | [Approved](#)

**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum t to ANSI/ASRHA/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASRHA/ICC/USGBC/IES Standard 189.1-2017)

Public Review Date: Mar 8, 2019 | Final Action Date: Jul 31, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES Addendum z to ANSI/ASRHA/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)

Public Review Date: Aug 30, 2019 | Final Action Date: Jul 31, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/ICC/USGBC/IES189.1bq-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)

Public Review Date: Mar 31, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES 100b-2017, Energy Efficiency in Existing Buildings (addenda to ANSI/ASHRAE/IES Standard 100-2015)

Public Review Date: Sep 9, 2016 | Final Action Date: Jul 24, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES 189.1c-2015, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)

Public Review Date: Mar 27, 2015 | Final Action Date: Nov 2, 2015 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES 202a-2017, Commissioning Process for Buildings and Systems (addenda to ANSI/ASHRAE/IES Standard 202-2013)

Public Review Date: Apr 29, 2016 | Final Action Date: Aug 1, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES 202b-2018, Commissioning Process for Buildings and Systems (addenda to ANSI/ASHRAE/IES Standard 202-2013)

Public Review Date: Aug 11, 2017 | Final Action Date: Feb 1, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES 90.1ai-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)

Public Review Date: Jun 29, 2018 | Final Action Date: Feb 13, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES 90.1aj-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)

Public Review Date: Mar 9, 2018 | Final Action Date: Feb 13, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES 90.1al-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)

Public Review Date: Nov 16, 2018 | Final Action Date: Jul 1, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES 90.1ba-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)

Public Review Date: Feb 8, 2019 | Final Action Date: Jul 1, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES 90.1bd-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)

Public Review Date: Feb 8, 2019 | Final Action Date: Jul 1, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES 90.1bg-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)

Public Review Date: Mar 9, 2018 | Final Action Date: Feb 13, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES 90.1bl-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)

Public Review Date: Feb 8, 2019 | Final Action Date: Jul 1, 2019 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/IES 90.1m-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)  
Public Review Date: Jul 28, 2017 | Final Action Date: Feb 13, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES 90.dz-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013)  
Public Review Date: Mar 25, 2016 | Final Action Date: Aug 30, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum bv to ANSI/ASHRAE/IES Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2007)  
Public Review Date: Aug 14, 2009 | Final Action Date: Jan 28, 2010 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 100a-2017, Energy Efficiency in Existing Buildings (addenda to ANSI/ASHRAE/IES Standard 100-2015)  
Public Review Date: Sep 9, 2016 | Final Action Date: Nov 1, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 100c-2017, Energy Efficiency in Existing Buildings (addenda to ANSI/ASHRAE/IES Standard 100-2015)  
Public Review Date: Aug 4, 2017 | Final Action Date: Nov 1, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 100d-2017, Energy Efficiency in Existing Buildings (addenda to ANSI/ASHRAE/IES Standard 100-2015)  
Public Review Date: Aug 4, 2017 | Final Action Date: Nov 1, 2017 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1af-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)  
Public Review Date: Feb 9, 2018 | Final Action Date: Jun 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1an-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)  
Public Review Date: Jun 29, 2018 | Final Action Date: Jul 24, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1ao-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)  
Public Review Date: Jun 29, 2018 | Final Action Date: Jul 24, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1aq-2018, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)  
Public Review Date: Jun 29, 2018 | Final Action Date: Oct 1, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1at-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)  
Public Review Date: Aug 3, 2018 | Final Action Date: Jul 24, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1aw-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)  
Public Review Date: Nov 16, 2018 | Final Action Date: Jul 24, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1ay-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)  
Public Review Date: Aug 3, 2018 | Final Action Date: Jul 24, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1bb-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)  
Public Review Date: Feb 8, 2019 | Final Action Date: Jul 24, 2019 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/IES Addendum 90.1bc-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings  
(addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)

Public Review Date: Feb 8, 2019 | Final Action Date: Jun 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1bf-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings  
(addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)

Public Review Date: Nov 16, 2018 | Final Action Date: Jul 24, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1bh-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings  
(addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1bi-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings  
(addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)

Public Review Date: Nov 16, 2018 | Final Action Date: Jul 1, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1bj-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings  
(addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1bk-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings  
(addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)

Public Review Date: Nov 16, 2018 | Final Action Date: Jul 1, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1bm-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings  
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- ▶ ANSI/ASHRAE/IES Addendum 90.1bn-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings  
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- ▶ ANSI/ASHRAE/IES Addendum 90.1bq-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings  
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- ▶ ANSI/ASHRAE/IES Addendum 90.1bt-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings  
(addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)

Public Review Date: Nov 16, 2018 | Final Action Date: Jun 27, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1bu-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings  
(addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1bv-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings  
(addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1bx-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings  
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- ▶ ANSI/ASHRAE/IES Addendum 90.1ca-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings  
(addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/IES Addendum 90.1cc-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)  
Public Review Date: Feb 8, 2019 | Final Action Date: Jun 27, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1ce-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)  
Public Review Date: Feb 8, 2019 | Final Action Date: Jun 27, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1cg-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)  
Public Review Date: Feb 8, 2019 | Final Action Date: Jun 27, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1ch-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)  
Public Review Date: Feb 8, 2019 | Final Action Date: Jun 27, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1ci-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)  
Public Review Date: Feb 8, 2019 | Final Action Date: Jun 27, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1cj-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)  
Public Review Date: Feb 8, 2019 | Final Action Date: Jun 27, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1cm-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)  
Public Review Date: Feb 8, 2019 | Final Action Date: Aug 19, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1cn-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)  
Public Review Date: Feb 8, 2019 | Final Action Date: Jun 27, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1co-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)  
Public Review Date: Feb 8, 2019 | Final Action Date: Jun 27, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1t-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)  
Public Review Date: Mar 9, 2018 | Final Action Date: Jul 24, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1v-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)  
Public Review Date: Aug 3, 2018 | Final Action Date: Jul 24, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum 90.1Y-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2016)  
Public Review Date: Nov 16, 2018 | Final Action Date: Jul 1, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum a to ANSI/ASHRAE/IES Standard 100-2018, Energy Efficiency in Existing Buildings (addenda to ANSI/ASHRAE/IES Standard 100-2018)  
Public Review Date: Jul 31, 2020 | Final Action Date: Feb 26, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum a to ANSI/ASHRAE/IES Standard 202-2018, Commissioning Process for Buildings and Systems (addenda to ANSI/ASHRAE/IES Standard 202-2013)  
Public Review Date: Apr 24, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/IES Addendum a to ANSI/ASHRAE/IES Standard 90.1-2012, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
Public Review Date: Jun 10, 2011 | Final Action Date: Jan 26, 2012 | [Approved](#)

- ▶ ANSI/ASHRAE/IES Addendum a to ANSI/ASHRAE/IES Standard 90.1-2014, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
Public Review Date: Feb 14, 2014 | Final Action Date: Oct 29, 2014 | [Approved](#)

- ▶ ANSI/ASHRAE/IES Addendum a to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2016)  
Public Review Date: Oct 14, 2016 | Final Action Date: Jan 25, 2018 | [Approved](#)

- ▶ ANSI/ASHRAE/IES Addendum a to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
Public Review Date: Feb 7, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

- ▶ ANSI/ASHRAE/IES Addendum a to ANSI/ASHRAE/IES Standard 90.2-2018, Energy Efficient Design of Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.2-2018)  
Public Review Date: Nov 20, 2020 | Final Action Date: Jan 29, 2021 | [Approved](#)

- ▶ ANSI/ASHRAE/IES Addendum aa to ANSI/ASHRAE/IES Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
Public Review Date: Aug 12, 2011 | Final Action Date: Jul 31, 2013 | [Approved](#)

- ▶ ANSI/ASHRAE/IES Addendum aa to ANSI/ASHRAE/IES Standard 90.1-2015, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
Public Review Date: Dec 5, 2014 | Final Action Date: Jun 26, 2015 | [Approved](#)

- ▶ ANSI/ASHRAE/IES Addendum aa to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
Public Review Date: Mar 5, 2021 | Final Action Date: May 28, 2021 | [Approved](#)

- ▶ ANSI/ASHRAE/IES Addendum ab to ANSI/ASHRAE/IES Standard 90.1-2015, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum ac to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2016)  
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- ▶ ANSI/ASHRAE/IES Addendum ad to ANSI/ASHRAE/IES Standard 90.1-2015, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum ad to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2016)  
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- ▶ ANSI/ASHRAE/IES Addendum ae to ANSI/ASHRAE/IES Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum ag to ANSI/ASHRAE/IES Standard 90.1-2009, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES 90.1-2007)  
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- ▶ ANSI/ASHRAE/IES Addendum al to ANSI/ASHRAE/IES Standard 90.1-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2007)  
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- ▶ ANSI/ASHRAE/IES Addendum ap to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2016)  
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- ▶ ANSI/ASHRAE/IES Addendum aq ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum aq to ANSI/ASHRAE/IES Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2007)  
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- ▶ ANSI/ASHRAE/IES Addendum aq to ANSI/ASHRAE/IES Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum b to ANSI/ASHRAE/IES Standard 100-2018, Energy Efficiency in Existing Buildings (addenda to ANSI/ASHRAE/IES Standard 100-2018)  
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- ▶ ANSI/ASHRAE/IES Addendum b to ANSI/ASHRAE/IES Standard 90.2-2018, Energy Efficient Design of Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.2-2018)  
Public Review Date: Apr 16, 2021 | Final Action Date: Jun 30, 2021 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum b-2011, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010)  
Public Review Date: Mar 25, 2011 | Final Action Date: Jun 30, 2011 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum ba ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
Public Review Date: Jul 24, 2015 | Final Action Date: Feb 24, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum ba to ANSI/ASHRAE/IES Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
Public Review Date: Jul 13, 2012 | Final Action Date: Aug 28, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum ba to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum bb ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
Public Review Date: Jul 17, 2015 | Final Action Date: Jan 28, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum bb to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
Public Review Date: Mar 11, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/IES Addendum bb-2012, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)  
Public Review Date: Mar 5, 2010 | Final Action Date: Apr 27, 2012 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum bc ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
Public Review Date: Jul 17, 2015 | Final Action Date: Jan 28, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum bc to ANSI/ASHRAE/IES Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
Public Review Date: Jul 13, 2012 | Final Action Date: Jul 24, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum bd ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum bd to ANSI/ASHRAE/IES Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
Public Review Date: Jul 13, 2012 | Final Action Date: Jul 1, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum bd to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum be to ANSI/ASHRAE/IES Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum be to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2016)  
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- ▶ ANSI/ASHRAE/IES Addendum be to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum bf to ANSI/ASHRAE/IES Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum bf to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum bg to ANSI/ASHRAE/IES Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum bg to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum bh ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum bh to ANSI/ASHRAE/IES Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum bh to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum bi ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum bi to ANSI/ASHRAE/IES Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2007)  
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- ▶ ANSI/ASHRAE/IES Addendum bi to ANSI/ASHRAE/IES Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum bj ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum bj to ANSI/ASHRAE/IES Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum bj to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum bk ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum bk to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum bl ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum bl to ANSI/ASHRAE/IES Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum bm to ANSI/ASHRAE/IES Standard 90.1-2015, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum bm to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum bn to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum bn to ANSI/ASHRAE/IES Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum bo to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
Public Review Date: Dec 4, 2015 | Final Action Date: Jun 30, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum bo to ANSI/ASHRAE/IES Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum bo to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2016)  
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- ▶ ANSI/ASHRAE/IES Addendum bp to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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Public Review Date: Aug 17, 2012 | Final Action Date: Jul 31, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum bp to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2016)  
Public Review Date: May 10, 2019 | Final Action Date: Aug 19, 2019 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum bq to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum bq to ANSI/ASHRAE/IES Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum bq to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
Public Review Date: Mar 11, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)

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Public Review Date: Sep 4, 2015 | Final Action Date: Jan 28, 2016 | [Approved](#)

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Public Review Date: Aug 17, 2012 | Final Action Date: Jul 1, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum br to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2016)  
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- ▶ ANSI/ASHRAE/IES Addendum br to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
Public Review Date: Mar 11, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum bs ANSI/ASHRAE/IES Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
Public Review Date: Feb 12, 2016 | Final Action Date: Aug 30, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum bs ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2016)  
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- ▶ ANSI/ASHRAE/IES Addendum bs to ANSI/ASHRAE/IES Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2007)  
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- ▶ ANSI/ASHRAE/IES Addendum bs to ANSI/ASHRAE/IES Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
Public Review Date: Mar 22, 2013 | Final Action Date: Jul 31, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum bs to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum bt to ANSI/ASHRAE/IES Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2007)  
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- ▶ ANSI/ASHRAE/IES Addendum bt to ANSI/ASHRAE/IES Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
Public Review Date: Aug 17, 2012 | Final Action Date: Jul 24, 2013 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum bt to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
Public Review Date: Mar 11, 2022 | Final Action Date: Jun 30, 2022 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum bu to ANSI/ASHRAE/IES Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2007)  
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- ▶ ANSI/ASHRAE/IES Addendum bv ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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Public Review Date: Sep 4, 2015 | Final Action Date: Jul 26, 2016 | [Approved](#)

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Public Review Date: Aug 14, 2009 | Final Action Date: Jan 28, 2010 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum bw to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum bx ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum by to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2016)  
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- ▶ ANSI/ASHRAE/IES Addendum bz ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum bz to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum bz to Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2016)  
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- ▶ ANSI/ASHRAE/IES Addendum bz-2012, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum c to ANSI/ASHRAE/IES Standard 100-2018, Energy Efficiency in Existing Buildings (addenda to ANSI/ASHRAE/IES Standard 100-2018)  
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- ▶ ANSI/ASHRAE/IES Addendum c to ANSI/ASHRAE/IES Standard 90.1-2014, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum c-2011, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010)  
Public Review Date: May 6, 2011 | Final Action Date: Jun 30, 2011 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum ca ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
Public Review Date: Sep 4, 2015 | Final Action Date: Jun 30, 2016 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum d to ANSI/ASHRAE/IES Standard 90.2-2018, Energy Efficient Design of Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.2-2018)  
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- ▶ ANSI/ASHRAE/IES Addendum db to ANSI/ASHRAE/IES Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum db to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2016)  
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- ▶ ANSI/ASHRAE/IES Addendum dc to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum de to ANSI/ASHRAE/IES Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES 90.1-2007)  
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- ▶ ANSI/ASHRAE/IES Addendum de to ANSI/ASHRAE/IES Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum dg to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum e to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2016)  
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- ▶ ANSI/ASHRAE/IES Addendum h to ANSI/ASHRAE/IES Standard 100-2018, Energy Efficiency in Existing Buildings (addenda to ANSI/ASHRAE/IES Standard 100-2018)  
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- ▶ ANSI/ASHRAE/IES Addendum k to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum k-2011, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum L ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum I to ANSI/ASHRAE/IES Standard 90.1-2012, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum L to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2016)  
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- ▶ ANSI/ASHRAE/IES Addendum I to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/IES Addendum m to ANSI/ASHRAE/IES Standard 90.1-2012, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
Public Review Date: Jun 10, 2011 | Final Action Date: Jun 28, 2012 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum m to ANSI/ASHRAE/IES Standard 90.1-2015, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
Public Review Date: Sep 5, 2014 | Final Action Date: Jan 29, 2015 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum m to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
Public Review Date: Jul 17, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum n to ANSI/ASHRAE/IES Standard 90.1-2012, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
Public Review Date: Jun 10, 2011 | Final Action Date: Jun 28, 2012 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum n to ANSI/ASHRAE/IES Standard 90.1-2015, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
Public Review Date: Sep 5, 2014 | Final Action Date: Jun 26, 2015 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum N to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2016)  
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- ▶ ANSI/ASHRAE/IES Addendum n to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
Public Review Date: Jul 17, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum o to ANSI/ASHRAE/IES Standard 90.1-2012, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
Public Review Date: Jun 10, 2011 | Final Action Date: Jan 26, 2012 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum o to ANSI/ASHRAE/IES Standard 90.1-2015, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
Public Review Date: Sep 5, 2014 | Final Action Date: Jan 29, 2015 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum o to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2016)  
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- ▶ ANSI/ASHRAE/IES Addendum o to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum p to ANSI/ASHRAE/IES Standard 90.1-2012, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
Public Review Date: Jun 10, 2011 | Final Action Date: Jan 26, 2012 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum p to ANSI/ASHRAE/IES Standard 90.1-2015, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
Public Review Date: Sep 5, 2014 | Final Action Date: Jan 29, 2015 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum P to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2016)  
Public Review Date: Jul 28, 2017 | Final Action Date: Jan 25, 2018 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/IES Addendum p to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum q to ANSI/ASHRAE/IES Standard 90.1-2012, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
Public Review Date: Jun 10, 2011 | Final Action Date: Jun 28, 2012 | [Approved](#)

- ▶ ANSI/ASHRAE/IES Addendum q to ANSI/ASHRAE/IES Standard 90.1-2015, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum q to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2016)  
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- ▶ ANSI/ASHRAE/IES Addendum q to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum r to ANSI/ASHRAE/IES Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum r to ANSI/ASHRAE/IES Standard 90.1-2015, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum R to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2016)  
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- ▶ ANSI/ASHRAE/IES Addendum r to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum s to ANSI/ASHRAE/IES Standard 90.1-2012, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum s to ANSI/ASHRAE/IES Standard 90.1-2015, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum s to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2016)  
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- ▶ ANSI/ASHRAE/IES Addendum s to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum t to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/IES Addendum u to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum u to ANSI/ASHRAE/IES Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum u to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum v to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum v to ANSI/ASHRAE/IES Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum v to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum w to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
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- ▶ ANSI/ASHRAE/IES Addendum w to ANSI/ASHRAE/IES Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum w to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum x to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2016)  
Public Review Date: Feb 9, 2018 | Final Action Date: Jun 28, 2018 | [Approved](#)

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- ▶ ANSI/ASHRAE/IES Addendum x to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum y to ANSI/ASHRAE/IES Standard 90.1-2012, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum y to ANSI/ASHRAE/IES Standard 90.1-2021, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
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- ▶ ANSI/ASHRAE/IES Addendum z to ANSI/ASHRAE/IES Standard 90.1-2012, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2010)  
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- ▶ ANSI/ASHRAE/IES Addendum z to ANSI/ASHRAE/IES Standard 90.1-2015, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013)  
Public Review Date: Dec 5, 2014 | Final Action Date: Jun 26, 2015 | [Approved](#)

- ▶ ANSI/ASHRAE/IES Addendum z to ANSI/ASHRAE/IES Standard 90.1-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2016)  
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- ▶ ANSI/ASHRAE/IES Addendum z to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)  
Public Review Date: Mar 5, 2021 | Final Action Date: Feb 28, 2022 | [Approved](#)

- ▶ ANSI/ASHRAE/IES Standard 100-2018, Energy Conservation in Existing Buildings (revision of ANSI/ASHRAE/IESNA Standard 100-2006)  
PINS Date: May 8, 2009 | Public Review Date: Dec 20, 2013 | Final Action Date: Feb 2, 2015 | [Approved](#)

- ▶ ANSI/ASHRAE/IES Standard 202-2018, Commissioning Process for Buildings and Systems (new standard)  
PINS Date: Jul 30, 2010 | Public Review Date: Jan 25, 2013 | Final Action Date: Jul 1, 2013 | [Approved](#)

- ▶ ANSI/ASHRAE/IES Standard 90.1-2022, Energy Standard for Buildings Except Low-Rise Residential Buildings (revision of ANSI/ASHRAE/IESNA 90.1-1989)  
Public Review Date: Jan 15, 1999 | Final Action Date: Apr 4, 2000 | [Approved](#)

- ▶ ANSI/ASHRAE/IES Standard 90.1bg-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES 90.1-2009)  
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- ▶ ANSI/ASHRAE/IES Standard 90.1bh-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES 90.1-2009)  
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- ▶ ANSI/ASHRAE/IES Standard 90.1bj-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES 90.1-2009)  
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- ▶ ANSI/ASHRAE/IES Standard 90.1bm-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES 90.1-2009)  
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- ▶ ANSI/ASHRAE/IES Standard 90.1bn-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES 90.1-2009)  
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- ▶ ANSI/ASHRAE/IES Standard 90.1bp-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES 90.1-2009)  
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- ▶ ANSI/ASHRAE/IES Standard 90.1bq-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES 90.1-2009)  
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- ▶ ANSI/ASHRAE/IES Standard 90.1dp-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2007)  
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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/IESNA 90.2c-2007, Energy Efficient Design of Low-Rise Residential Buildings (addenda to ANSI/ASHRAE 90.2-2004)  
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- ▶ ANSI/ASHRAE/IESNA 90.2d-2007, Energy Efficient Design of Low-Rise Residential Buildings (addenda to ANSI/ASHRAE 90.2-2004)  
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- ▶ ANSI/ASHRAE/IESNA 90.2e-2007, Energy Efficient Design of Low-Rise Residential Buildings (addenda to ANSI/ASHRAE 90.2-2004)  
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- ▶ ANSI/ASHRAE/IESNA Addendum 90.1cd-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)  
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- ▶ ANSI/ASHRAE/IESNA Addendum 90.1cn-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)  
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- ▶ ANSI/ASHRAE/IESNA Addendum 90.1co-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)  
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- ▶ ANSI/ASHRAE/IESNA Addendum 90.1cp-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)  
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- ▶ ANSI/ASHRAE/IESNA Addendum 90.1cq-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)  
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- ▶ ANSI/ASHRAE/IESNA Addendum 90.1cr-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)  
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- ▶ ANSI/ASHRAE/IESNA Addendum 90.1cs-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)  
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- ▶ ANSI/ASHRAE/IESNA Addendum 90.1ct-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)  
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- ▶ ANSI/ASHRAE/IESNA Addendum 90.1cv-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)  
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- ▶ ANSI/ASHRAE/IESNA Addendum 90.1cw-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)  
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- ▶ ANSI/ASHRAE/IESNA Addendum 90.1cy-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)  
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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/IESNA Addendum 90.1cz-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum 90.1da-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum 90.1dc-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum 90.1dd-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Addendum 90.1-2009)

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- ▶ ANSI/ASHRAE/IESNA Addendum a-2006, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2004 )

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- ▶ ANSI/ASHRAE/IESNA Addendum a-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum aa-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2004)

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- ▶ ANSI/ASHRAE/IESNA Addendum aa-2009, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum ab-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2004)

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- ▶ ANSI/ASHRAE/IESNA Addendum ab-2009, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum ac-2004, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2001)

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- ▶ ANSI/ASHRAE/IESNA Addendum ac-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2004)

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- ▶ ANSI/ASHRAE/IESNA Addendum ac-2008, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum ad-2005, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2001)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/IESNA Addendum ad-2008, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum ad-2012, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum ae-2004, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2001)

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- ▶ ANSI/ASHRAE/IESNA Addendum ae-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2004)

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- ▶ ANSI/ASHRAE/IESNA Addendum ae-2009, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum af-2009, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Public Review Date: Mar 21, 2008 | Final Action Date: Jan 29, 2009 | [Approved](#)

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- ▶ ANSI/ASHRAE/IESNA Addendum ag-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2004)

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- ▶ ANSI/ASHRAE/IESNA Addendum ah-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2004)

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- ▶ ANSI/ASHRAE/IESNA Addendum ah-2012, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum ai-2009, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum ai-2012, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum aj-2009, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum ak-2005, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2004)

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- ▶ ANSI/ASHRAE/IESNA Addendum al-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2004)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/IESNA Addendum am-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009)

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- ▶ ANSI/ASHRAE/IESNA Addendum an-2009, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum ao-2009, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum ap-2009, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum ar-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2004)

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- ▶ ANSI/ASHRAE/IESNA Addendum as-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2004)

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- ▶ ANSI/ASHRAE/IESNA Addendum as-2012, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum at-2009, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum at-2012, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum au-2009, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum av-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2004)

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- ▶ ANSI/ASHRAE/IESNA Addendum av-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009)

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- ▶ ANSI/ASHRAE/IESNA Addendum aw-2008, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum ax-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum ay-2009, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum az-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009)

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- ▶ ANSI/ASHRAE/IESNA Addendum c-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum d-2009, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum e-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum f-2006, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2004)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/IESNA Addendum g to ANSI/ASHRAE/IESNA 90.1-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum g-2006, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2004)

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Public Review Date: Sep 14, 2007 | Final Action Date: Jun 26, 2008 | [Approved](#)

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Public Review Date: Sep 14, 2007 | Final Action Date: Jun 26, 2008 | [Approved](#)

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- ▶ ANSI/ASHRAE/IESNA Addendum j-2008, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum k-2008, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum l-2008, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum m-2008, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum n-2008, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Public Review Date: Mar 21, 2008 | Final Action Date: Jun 26, 2008 | [Approved](#)

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- ▶ ANSI/ASHRAE/IESNA Addendum o-2009, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum p to ANSI/ASHRAE/IESNA 90.1-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

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- ▶ ANSI/ASHRAE/IESNA Addendum p-2006, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2001)

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- ▶ ANSI/ASHRAE/IESNA Addendum q-2008, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)  
Public Review Date: Sep 14, 2007 | Final Action Date: Jul 24, 2008 | [Approved](#)

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- ▶ ANSI/ASHRAE/IESNA Addendum r-2009, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)  
Public Review Date: Mar 20, 2009 | Final Action Date: Jun 25, 2009 | [Approved](#)

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- ▶ ANSI/ASHRAE/IESNA Addendum s-2008, Energy Standard for Buildings Except Low=Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)  
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- ▶ ANSI/ASHRAE/IESNA Addendum t-2008, Energy Standard for Buildings Except Low=Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)  
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- ▶ ANSI/ASHRAE/IESNA Addendum u-2008, Energy Standard for Buildings Except Low=Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)  
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- ▶ ANSI/ASHRAE/IESNA Addendum v-2009, Energy Standard for Buildings Except Low=Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)  
Public Review Date: Jan 4, 2008 | Final Action Date: Jan 29, 2009 | [Approved](#)

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- ▶ ANSI/ASHRAE/IESNA Addendum w-2008, Energy Standard for Buildings Except Low=Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)  
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- ▶ ANSI/ASHRAE/IESNA Addendum x-2009, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)  
Public Review Date: Jan 4, 2008 | Final Action Date: Jul 22, 2009 | [Approved](#)

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- ▶ ANSI/ASHRAE/IESNA Addendum y to ANSI/ASHRAE/IESNA 90.1-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)  
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- ▶ ANSI/ASHRAE/IESNA Addendum y-2007, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2004)  
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- ▶ ANSI/ASHRAE/IESNA Addendum z-2004, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2001)  
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- ▶ ANSI/ASHRAE/NEMA Standard 201-2016 (R2020), Facility Smart Grid Information Model (reaffirmation of ANSI/ASHRAE/NEMA Standard 201-2016)  
Public Review Date: Nov 1, 2019 | Final Action Date: Feb 10, 2020 | [Approved](#)

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- ▶ ANSI/ASHRAE/SMACNA Standard 126-2020, Methods of Testing HVAC Air Ducts (revision of ANSI/ASHRAE/SMACNA Standard 126-2016)  
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- ▶ ANSI/ASHRAE/USGBC/IES 189.1aa-2012, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/USGBC/IES 189.1x-2012, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES 189.1a-2012, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES 189.1c-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES 189.1d-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES 189.1d-2012, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES 189.1e-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES 189.1e-2012, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES 189.1f-2012, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES 189.1f-2016, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
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- ▶ ANSI/ASHRAE/USGBC/IES 189.1g-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES 189.1h-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES 189.1j-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES 189.1j-2016, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
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- ▶ ANSI/ASHRAE/USGBC/IES 189.1m-2016, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Addendum m to Standard 189.1-201x)  
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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/USGBC/IES 189.1n-2012, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES 189.1q-2016, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
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- ▶ ANSI/ASHRAE/USGBC/IES 189.1t-2012, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES 189.1u-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES 189.1v-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1a-2016, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1ab-2012, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1ac-2012, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1ae-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
Public Review Date: Jan 3, 2014 | Final Action Date: Jul 10, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1aj-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1al-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
Public Review Date: Feb 7, 2014 | Final Action Date: Jul 31, 2014 | [Approved](#)

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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1an-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1ao-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
Public Review Date: Jul 26, 2013 | Final Action Date: Jul 10, 2014 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1ap-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
Public Review Date: Jul 26, 2013 | Final Action Date: Jul 10, 2014 | [Approved](#)
- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1aq-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
Public Review Date: Sep 6, 2013 | Final Action Date: Aug 7, 2014 | [Approved](#)
- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1as-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
Public Review Date: Sep 6, 2013 | Final Action Date: Jul 31, 2014 | [Approved](#)
- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1at-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
Public Review Date: Sep 6, 2013 | Final Action Date: Jul 10, 2014 | [Approved](#)
- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1au-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
Public Review Date: Sep 6, 2013 | Final Action Date: Jul 10, 2014 | [Approved](#)
- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1av-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1aw-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1ay-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1b-2010, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1b-2015, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1bb-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1bc-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1bd-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1bf-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
Public Review Date: Jan 3, 2014 | Final Action Date: Jul 10, 2014 | [Approved](#)
- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1bh-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1bi-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1bk-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1bm-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1bo-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1bq-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
Public Review Date: Mar 28, 2014 | Final Action Date: Jul 10, 2014 | [Approved](#)
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1bs-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1bv-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1bw-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1bx-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1by-2015, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
Public Review Date: Mar 27, 2015 | Final Action Date: Jul 2, 2015 | [Approved](#)

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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1bz-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1c-2012, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1cb-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1cd-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1ce-2015, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1d-2016, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1e-2016, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1f-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1g-2016, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1h-2013, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1i-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1j-2013, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1k-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1k-2013, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1l-2011, Standard for the Design of High-Performance Green Buildingss (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1l-2013, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1m-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1o-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1p-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1q-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1q-2013, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1r-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1s-2013, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1v-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1w-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1z-2013, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum af to Standard 189.1-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum ah to Standard 189.1-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum b to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum u to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum y to Standard 189.1-2013, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES 189.1-2011)  
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- ▶ ANSI/ASHRAE/USGBC/IES Addendum 189.1a-2010, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009)  
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- ▶ ANSI/ASHRAE/USGBC/IES/ICC Addendum 189.1c-2019, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES/ICC Standard 189.1-2017)  
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- ▶ ANSI/ASHRAE/USGBC/IES/ICC Addendum 189.1d-2019, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES/ICC Standard 189.1-2017)  
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- ▶ ANSI/ASHRAEd 34F-2017, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013)  
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- ▶ ANSI/ASRHAЕ/ICC/USGBC/IES 189.1f-2019, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
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- ▶ ANSI/ASRHAЕ/ICC/USGBC/IES Addendum ac to ANSI/ASRHAЕ/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
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- ▶ ANSI/ASRHAЕ/ICC/USGBC/IES Addendum ad to ANSI/ASRHAЕ/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
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- ▶ ANSI/ASRHAЕ/ICC/USGBC/IES Addendum ag to ANSI/ASRHAЕ/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Aug 30, 2019 | Final Action Date: Nov 4, 2019 | [Approved](#)

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- ▶ ANSI/ASRHAЕ/ICC/USGBC/IES Addendum ai to ANSI/ASRHAЕ/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Aug 30, 2019 | Final Action Date: Feb 6, 2020 | [Approved](#)

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- ▶ ANSI/ASRHAЕ/ICC/USGBC/IES Addendum al to ANSI/ASRHAЕ/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Aug 30, 2019 | Final Action Date: Nov 4, 2019 | [Approved](#)

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- ▶ ANSI/ASRHAЕ/ICC/USGBC/IES Addendum am to ANSI/ASRHAЕ/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Aug 30, 2019 | Final Action Date: Nov 4, 2019 | [Approved](#)

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- ▶ ANSI/ASRHAЕ/ICC/USGBC/IES Addendum j to ANSI/ASRHAЕ/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Jul 12, 2019 | Final Action Date: Mar 2, 2020 | [Approved](#)

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- ▶ ANSI/ASRHAЕ/ICC/USGBC/IES Addendum k to ANSI/ASRHAЕ/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Aug 30, 2019 | Final Action Date: Nov 4, 2019 | [Approved](#)

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**ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**

- ▶ ANSI/ASRHA/ICC/USGBC/IES Addendum n to ANSI/ASRHA/ICC/USGBC/IES Standard 189.1-2019, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Jul 12, 2019 | Final Action Date: Nov 4, 2019 | [Approved](#)
- ▶ ANSI/ASRHA/ICC/USGBC/IES Addendum r to ANSI/ASRHA/ICC/USGBC/IES Standard 189.1-2019, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Jul 12, 2019 | Final Action Date: Dec 12, 2019 | [Approved](#)
- ▶ ANSI/ASRHA/ICC/USGBC/IES Addendum u to ANSI/ASRHA/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASRHA/ICC/USGBC/IES Standard 189.1-2017)  
Public Review Date: Mar 8, 2019 | Final Action Date: Mar 2, 2020 | [Approved](#)
- ▶ ANSI/ASRHA/ICC/USGBC/IES Addendum x to ANSI/ASRHA/ICC/USGBC/IES Standard 189.1-2019, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASRHA/ICC/USGBC/IES Standard 189.1-2017)  
Public Review Date: Mar 8, 2019 | Final Action Date: Aug 26, 2019 | [Approved](#)
- ▶ ANSI/ASRHA/ICC/USGBC/IES Addendum y to ANSI/ASRHA/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017)  
Public Review Date: Aug 30, 2019 | Final Action Date: Nov 4, 2019 | [Approved](#)
- ▶ ANSI/ASRHA/USGBC/IES/ICC Addendum 189.1e-2019, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES/ICC 189.1-2017)  
Public Review Date: Feb 9, 2018 | Final Action Date: Jun 27, 2019 | [Approved](#)
- ▶ ANSI/ASRHA/USGBC/IES/ICC Addendum 189.1g-2019, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES/ICC Standard 189.1-2017)  
Public Review Date: Jul 6, 2018 | Final Action Date: Jun 27, 2019 | [Approved](#)
- ▶ ANSI/ASRHA/USGBC/IES/ICC Addendum 189.1h-2019, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES/ICC Standard 189.1-2017)  
Public Review Date: Jul 6, 2018 | Final Action Date: Jun 27, 2019 | [Approved](#)
- ▶ ANSI/ASRHA/USGBC/IES/ICC Addendum 189.1i-2019, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES/ICC Standard 189.1-2017)  
Public Review Date: Sep 7, 2018 | Final Action Date: Jul 24, 2019 | [Approved](#)
- ▶ ANSI/ASRHA/USGBC/IES/ICC Addendum 189.1l-2019, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES/ICC Standard 189.1-2017)  
Public Review Date: Sep 7, 2018 | Final Action Date: Jun 27, 2019 | [Approved](#)
- ▶ ANSI/ASRHA/USGBC/IES/ICC Addendum v to ANSI/ASRHA/USGBC/IES/ICC Standard 189.1-2019, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASRHA/USGBC/IES/ICC Standard 189.1-2017)  
Public Review Date: Mar 8, 2019 | Final Action Date: Jul 1, 2019 | [Approved](#)

**ASIS (ASIS International)**

1625 Prince Street, Alexandria, VA 22314-2818 | w: [www.asisonline.org](http://www.asisonline.org)

- ▶ ANSI/ASIS INV.1-2015, Investigations (new standard)  
PINS Date: Nov 2, 2012 | Public Review Date: Jun 5, 2015 | Final Action Date: Jul 28, 2015 | [Approved](#)

## ASIS (ASIS International)

- ▶ ANSI/ASIS ORM.1-2017, Security and Resilience in Organizations and Their Supply Chains - Requirements with Guidance (revision, redesignation and consolidation of ANSI/ASIS/BSI BCM.01-2010, ANSI/ASIS SPC.1-2009)  
PINS Date: Oct 9, 2015 | Public Review Date: Dec 23, 2016 | Final Action Date: Mar 20, 2017 | [Approved](#)
- ▶ ANSI/ASIS PAP-2021, Physical Asset Protection (revision and redesignation of ANSI/ASIS PAP.1-2012)  
PINS Date: Jul 10, 2020 | Public Review Date: Dec 18, 2020 | Final Action Date: Feb 2, 2021 | [Approved](#)
- ▶ ANSI/ASIS PSC.1-2022, Management System for Private Security Company Operations - Requirements with Guidance (revision of ANSI ASIS PSC.1-2012 (R2017))  
PINS Date: Aug 13, 2021 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 1, 2022 | [Approved](#)
- ▶ ANSI/ASIS PSC.2-2019, Conformity Assessment and Auditing Management Systems for Quality of Private Security Company Operations (revision of ANSI ASIS PSC.2-2012)  
PINS Date: Sep 7, 2018 | Public Review Date: Mar 1, 2019 | Final Action Date: May 23, 2019 | [Approved](#)
- ▶ ANSI/ASIS SA-2020, Security Awareness (new standard)  
PINS Date: Apr 1, 2016 | Public Review Date: Apr 10, 2020 | Final Action Date: Jun 11, 2020 | [Approved](#)
- ▶ ANSI/ASIS SCRM.1-2014, Supply Chain Risk Management: A Compilation of Best Practices (new standard)  
PINS Date: Dec 2, 2011 | Public Review Date: Jan 3, 2014 | Final Action Date: Mar 28, 2014 | [Approved](#)
- ▶ ANSI/ASIS WVPI AA-2020, Workplace Violence and Active Assailant - Prevention, Intervention, and Response (revision and redesignation of ANSI ASIS/SHRM WVPI.1-2011)  
PINS Date: May 25, 2018 | Public Review Date: Mar 13, 2020 | Final Action Date: May 7, 2020 | [Approved](#)
- ▶ ANSI/ASIS/RIMS RA.1-2015, Risk Assessment (new standard)  
PINS Date: Aug 1, 2008 | Public Review Date: May 22, 2015 | Final Action Date: Aug 3, 2015 | [Approved](#)

## ASME (American Society of Mechanical Engineers)

Two Park Avenue, New York, NY 10016-5990 | w: [www.asme.org](http://www.asme.org)

- ▶ ANSI B94.21-1968 (R2019), Gear Shaper Cutters (reaffirmation of ANSI B94.21-1968 (R2014))  
Public Review Date: Mar 22, 2019 | Final Action Date: May 23, 2019 | [Approved](#)
- ▶ ANSI CSA B44.1/ASME A17.5-2019, Elevator and Escalator Electrical Equipment (revision of ANSI CSA B44.1/ASME A17.5-2014)  
PINS Date: Aug 3, 2018 | Public Review Date: Nov 9, 2018 | Final Action Date: Feb 15, 2019 | [Approved](#)
- ▶ ANSI/API 579-1/ASME FFS-1-2021, Fitness-For-Service (revision of ANSI/API 579-1/ASME FFS-1-2016)  
PINS Date: Jul 14, 2017 | Public Review Date: Sep 3, 2021 | Final Action Date: Dec 7, 2021 | [Approved](#)
- ▶ ANSI/ASME A112.1.2-2012 (R2022), Air Gaps in Plumbing Systems (For Plumbing Fixtures and Water-Connected Receptors) (reaffirmation of ANSI/ASME A112.1.2-2012 (R2017))  
Public Review Date: Mar 11, 2022 | Final Action Date: May 17, 2022 | [Approved](#)
- ▶ ANSI/ASME A112.1.3-2000 (R2019), Air Gap Fittings for Use With Plumbing Fixtures, Appliances, and Appurtenances (reaffirmation of ANSI/ASME A112.1.3-2000 (R2015))  
Public Review Date: Sep 20, 2019 | Final Action Date: Dec 2, 2019 | [Approved](#)
- ▶ ANSI/ASME A112.14.1-2003 (R2022), Backwater Valves (reaffirmation of ANSI/ASME A112.14.1-2003 (R2017))  
Public Review Date: Mar 11, 2022 | Final Action Date: May 17, 2022 | [Approved](#)
- ▶ ANSI/ASME A112.14.3/CSA B481.1-2022, Hydromechanical Grease Interceptors (revision and redesignation of ANSI/ASME A112.14.3-2018)  
PINS Date: Jul 31, 2020 | Public Review Date: Mar 4, 2022 | Final Action Date: May 13, 2022 | [Approved](#)

**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME A112.14.4/CSA B481.5-2022, Grease Removal Devices (revision and redesignation of ANSI/ASME A112.14.4-2001 (R2017))  
PINS Date: Jul 31, 2020 | Public Review Date: Mar 4, 2022 | Final Action Date: May 9, 2022 | [Approved](#)

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- ▶ ANSI/ASME A112.14.6-2010 (R2019), FOG (Fats, Oils & Greases) Disposal Systems (reaffirmation of ANSI/ASME A112.14.6-2010 (R2015))  
Public Review Date: Sep 20, 2019 | Final Action Date: Dec 2, 2019 | [Approved](#)

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- ▶ ANSI/ASME A112.18.1-2012/CSA B125.1-2018, Plumbing Supply Fittings (revision of ANSI/ASME A112.18.1-2012/CSA B125.1-2012 (R2107))  
Public Review Date: Mar 23, 2018 | Final Action Date: Jun 22, 2018 | [Approved](#)

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- ▶ ANSI/ASME A112.18.2/CSA B125.2-2015 (R2019), Plumbing Waste Fittings (reaffirmation of ANSI/ASME A112.18.2/CSA B125.2-2015)  
Public Review Date: Sep 20, 2019 | Final Action Date: Dec 2, 2019 | [Approved](#)

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- ▶ ANSI/ASME A112.18.2/CSA B125.2-2020, Plumbing Waste Fittings (revision of ANSI/ASME A112.18.2/CSA B125.2-2015 (R2019))  
Public Review Date: Feb 21, 2020 | Final Action Date: Apr 23, 2020 | [Approved](#)

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- ▶ ANSI/ASME A112.18.3-2002 (R2022), Performance Requirements for Backflow Protection Devices and Systems in Plumbing Fixture Fittings (reaffirmation of ANSI/ASME A112.18.3-2002 (R2017))  
Public Review Date: Mar 11, 2022 | Final Action Date: May 17, 2022 | [Approved](#)

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- ▶ ANSI/ASME A112.18.6/CSA B125.6-2017 (R2021), Flexible Water Connectors (reaffirmation of ANSI/ASME A112.18.6/CSA B125.6-2017)  
Public Review Date: Sep 3, 2021 | Final Action Date: Nov 12, 2021 | [Approved](#)

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- ▶ ANSI/ASME A112.18.8-2020, In-Line Sanitary Waste Valves for Plumbing Drainage Systems (revision of ANSI/ASME A112.18.8-2009 (2014))  
PINS Date: Mar 8, 2019 | Public Review Date: Mar 27, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ASME A112.18.9-2011 (R2022), Protectors/Insulators for Exposed Waste and Supplies on Accessible Fixtures (reaffirmation of ANSI/ASME A112.18.9-2011 (R2017))  
Public Review Date: Feb 4, 2022 | Final Action Date: Apr 25, 2022 | [Approved](#)

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- ▶ ANSI/ASME A112.19.1/CSA B45.2-2018, Enamelled Cast Iron and Enamelled Steel Plumbing Fixtures (revision of ANSI/ASME A112.19.1/CSA B45.2-2013)  
Public Review Date: Mar 23, 2018 | Final Action Date: Jun 22, 2018 | [Approved](#)

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- ▶ ANSI/ASME A112.19.10-2017 (R2022), Retrofit Dual Flush Devices for Water Closets (reaffirmation of ANSI/ASME A112.19.10-2017)  
Public Review Date: Mar 11, 2022 | Final Action Date: May 17, 2022 | [Approved](#)

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- ▶ ANSI/ASME A112.19.12-2014 (R2019), Wall Mounted, Pedestal Mounted, Adjustable, Elevating, Tilting, and Pivoting Lavatory, Sink, and Shampoo Bowl Carrier Systems and Drain Waste Systems (reaffirmation of ANSI/ASME A112.19.12-2014)  
Public Review Date: Dec 21, 2018 | Final Action Date: Feb 27, 2019 | [Approved](#)

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- ▶ ANSI/ASME A112.19.14-2013 (R2018), Six-Liter Water Closets Equipped with a Dual Flushing Device (reaffirmation of ANSI/ASME A112.19.14-2013)  
Public Review Date: Feb 23, 2018 | Final Action Date: May 8, 2018 | [Approved](#)

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- ▶ ANSI/ASME A112.19.15-2012 (R2022), Bathtub/Whirlpool Bathtubs with Pressure Sealed Doors (reaffirmation of ANSI/ASME A112.19.15-2012 (R2017))  
Public Review Date: Mar 11, 2022 | Final Action Date: May 17, 2022 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME A112.19.17-2010 (R2018), Manufactured Safety Vacuum Release Systems (SVRS) For Residential and Commercial Swimming Pool, Spa, Hot Tub and Wading Pool Suction Systems (reaffirmation of ANSI/ASME A112.19.17-2010)  
Public Review Date: Feb 23, 2018 | Final Action Date: May 8, 2018 | [Approved](#)

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- ▶ ANSI/ASME A112.19.19-2016 (R2021), Vitreous China Nonwater Urinals (reaffirmation of ANSI/ASME A112.19.19-2016)  
Public Review Date: Mar 26, 2021 | Final Action Date: Jun 1, 2021 | [Approved](#)

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- ▶ ANSI/ASME A112.19.2/CSA B45.1-2018, Ceramic Plumbing Fixtures (revision of ANSI/ASME A112.19.2/CSA B45.1-2013)  
Public Review Date: Apr 6, 2018 | Final Action Date: Jun 15, 2018 | [Approved](#)

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- ▶ ANSI/ASME A112.19.3-2022/CSA B45.4-2022, Stainless Steel Plumbing Fixtures (revision of ANSI/ASME A112.19.3-2017/CSA B45.4-2017)  
Public Review Date: Mar 11, 2022 | Final Action Date: May 17, 2022 | [Approved](#)

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- ▶ ANSI/ASME A112.19.5/CSA B45.15-2022, Flush Valves and Spuds for Water Closets, Urinals, and Tanks (revision of ANSI/ASME A112.19.5-2017/CSA B45.15-2017)  
Public Review Date: Apr 22, 2022 | Final Action Date: Jun 24, 2022 | [Approved](#)

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- ▶ ANSI/ASME A112.19.7/CSA B45.10-2020, Hydromassage Bathtub Appliances (revision of ANSI/ASME A112.19.7/CSA B45.10-2012 (2017))  
Public Review Date: Dec 27, 2019 | Final Action Date: Mar 5, 2020 | [Approved](#)

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- ▶ ANSI/ASME A112.21.3M-1985 (R2022), Hydrants for Utility and Maintenance Use (reaffirmation of ANSI/ASME A112.21.3M-1985 (R2017))  
Public Review Date: Mar 11, 2022 | Final Action Date: May 17, 2022 | [Approved](#)

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- ▶ ANSI/ASME A112.3.1-2007 (R2022), Stainless Steel Drainage Systems for Sanitary DWV, Storm, and Vacuum Applications, Above- and Below Ground (reaffirmation of ANSI/ASME A112.3.1-2007 (R2017))  
Public Review Date: Mar 11, 2022 | Final Action Date: May 17, 2022 | [Approved](#)

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- ▶ ANSI/ASME A112.3.4-2013/CSA B45.9-2018, Macerating Toilet Systems and Wastr-Plumbing Systems for Plumbing Fixtures (revision of ANSI/ASME A112.3.4-2013/CSA B45.9-2013)  
PINS Date: Oct 13, 2017 | Public Review Date: Mar 23, 2018 | Final Action Date: May 31, 2018 | [Approved](#)

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- ▶ ANSI/ASME A112.36.2M-2008 (R2017), Cleanouts (reaffirmation of ANSI/ASME A112.36.2M-2008 (R2012))  
Public Review Date: Feb 17, 2017 | Final Action Date: May 4, 2017 | [Approved](#)

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- ▶ ANSI/ASME A112.36.2M/CSA B79.2-2022, Cleanouts (revision and redesignation of ASME A112.36.2M-1991 (R2017))  
PINS Date: Jul 31, 2020 | Public Review Date: Mar 4, 2022 | Final Action Date: May 6, 2022 | [Approved](#)

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- ▶ ANSI/ASME A112.4.1-2014 (R2019), Water Heater Relief Valve Drain Tubes (reaffirmation of ANSI/ASME A112.4.1-2014)  
Public Review Date: Dec 21, 2018 | Final Action Date: Feb 27, 2019 | [Approved](#)

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- ▶ ANSI/ASME A112.4.14/CSA B125.14-2022, Manually or Automatically Operated Shutoff Valves for Use in Plumbing Systems (revision of ANSI/ASME A112.4.14/CSA B125.14-2017)  
Public Review Date: Apr 8, 2022 | Final Action Date: Jun 22, 2022 | [Approved](#)

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- ▶ ANSI/ASME A112.4.2/CSA B45.16-2021, Personal Hygiene Devices for Water Closets (revision of ANSI/ASME A112.4.2/CSA B45.16-2015 (R2020))  
Public Review Date: Feb 26, 2021 | Final Action Date: Jun 17, 2021 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME A112.4.3-1999 (R2019), Plastic Fittings for Connecting Water Closets to the Sanitary Drainage System (reaffirmation of ANSI/ASME A112.4.3-1999 (R2015))  
Public Review Date: Sep 20, 2019 | Final Action Date: Dec 2, 2019 | [Approved](#)

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- ▶ ANSI/ASME A112.4.4-2017, Plastic Push-Fit Drain, Waste and Vent (DWV) Fittings (new standard)  
PINS Date: Aug 19, 2016 | Public Review Date: Mar 31, 2017 | Final Action Date: May 25, 2017 | [Approved](#)

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- ▶ ANSI/ASME A112.6.1M-1997 (R2017), Floor-Affixed Supports for Off-the-Floor Plumbing Fixtures for Public Use (reaffirmation of ANSI/ASME A112.6.1M-1997 (R2012))  
Public Review Date: Feb 17, 2017 | Final Action Date: May 4, 2017 | [Approved](#)

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- ▶ ANSI/ASME A112.6.2-2017 (R2022), Framing-Affixed Supports for Off-the-Floor Plumbing Fixtures (reaffirmation of ANSI/ASME A112.6.2-2017)  
PINS Date: Mar 14, 2014 | Public Review Date: Mar 11, 2022 | Final Action Date: May 17, 2022 | [Approved](#)

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- ▶ ANSI/ASME A112.6.3-2019, Floor and Trench Drains (revision of ANSI/ASME A112.6.3-2016)  
PINS Date: Jul 28, 2017 | Public Review Date: Aug 17, 2018 | Final Action Date: Jan 31, 2019 | [Approved](#)

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- ▶ ANSI/ASME A112.6.3/CSA B79.3-2022, Floor Drains (revision and redesignation of ASME ASME A112.6.3-2019)  
PINS Date: Jul 31, 2020 | Public Review Date: Mar 4, 2022 | Final Action Date: May 9, 2022 | [Approved](#)

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- ▶ ANSI/ASME A112.6.4/CSA B79.4-2022, Roof, Deck, and Balcony Drains (revision and redesignation of ANSI/ASME A112.6.4-2003 (R2012))  
PINS Date: Jul 31, 2020 | Public Review Date: Mar 18, 2022 | Final Action Date: Jun 15, 2022 | [Approved](#)

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- ▶ ANSI/ASME A112.6.7-2010 (R2019), Sanitary Floor Sinks (reaffirmation of ANSI/ASME A112.6.7-2010 (R2015))  
Public Review Date: Sep 20, 2019 | Final Action Date: Dec 2, 2019 | [Approved](#)

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- ▶ ANSI/ASME A112.6.7/CSA B79.7-2022, Sanitary Floor Sinks (revision and redesignation of ANSI/ASME A112.6.7-2010 (R2019))  
Public Review Date: Mar 11, 2022 | Final Action Date: May 17, 2022 | [Approved](#)

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- ▶ ANSI/ASME A112.6.8/CSA B79.8-2022, Trench Drains (new standard)  
PINS Date: Jul 31, 2020 | Public Review Date: Mar 4, 2022 | Final Action Date: May 9, 2022 | [Approved](#)

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- ▶ ANSI/ASME A112.6.9/CSA B79.9-2022, Siphonic Roof Drains (revision and redesignation of ANSI/ASME A112.6.9-2005 (R2019))  
PINS Date: Jul 31, 2020 | Public Review Date: Mar 4, 2022 | Final Action Date: May 9, 2022 | [Approved](#)

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- ▶ ANSI/ASME A120.1-2021, Safety Requirements for Powered Platforms and Traveling Ladders and Gantry for Building Maintenance (revision of ANSI/ASME A120.1-2014)  
Public Review Date: Jan 29, 2021 | Final Action Date: Dec 14, 2021 | [Approved](#)

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- ▶ ANSI/ASME A13.1-2020, Scheme for the Identification of Piping Systems (revision of ANSI/ASME A13.1-2015)  
PINS Date: Nov 9, 2018 | Public Review Date: Jun 12, 2020 | Final Action Date: Sep 1, 2020 | [Approved](#)

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- ▶ ANSI/ASME A17.1/CSA B44-2019, Safety Code for Elevators and Escalators (revision of ANSI/ASME A17.1/CSA B44-2016)  
Public Review Date: Nov 9, 2018 | Final Action Date: Oct 8, 2019 | [Approved](#)

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- ▶ ANSI/ASME A17.1/CSA B44-2022, Safety Code for Elevator and Escalators (revision of ANSI/ASME A17.1/CSA B44-2019)  
Public Review Date: Dec 24, 2021 | Final Action Date: Dec 19, 2022 | [Approved](#)

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- ▶ ANSI/ASME A17.2-2017, Guide for Inspection of Elevators, Escalators, and Moving Walks (revision of ANSI/ASME A17.2-2014)  
Public Review Date: Jun 16, 2017 | Final Action Date: Oct 25, 2017 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME A17.2-2020, Guide for Inspection of Elevators, Escalators, and Moving Walks (revision of ANSI/ASME A17.2-2017)  
Public Review Date: Apr 17, 2020 | Final Action Date: Jul 31, 2020 | [Approved](#)

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- ▶ ANSI/ASME A17.3-2017, Safety Code for Existing Elevators and Escalators (revision of ANSI/ASME A17.3-2015)  
Public Review Date: Sep 29, 2017 | Final Action Date: Dec 12, 2017 | [Approved](#)

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- ▶ ANSI/ASME A17.3-2020, Safety Code for Existing Elevators and Escalators (revision of ANSI/ASME A17.3-2017)  
Public Review Date: Feb 7, 2020 | Final Action Date: Jun 12, 2020 | [Approved](#)

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- ▶ ANSI/ASME A17.4-2015, Guide for Emergency Personnel (revision of ANSI/ASME A17.4-1999 (R2009))  
PINS Date: Sep 21, 2012 | Public Review Date: Jun 13, 2014 | Final Action Date: Jan 8, 2015 | [Approved](#)

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- ▶ ANSI/ASME A17.6-2022, Standard for Elevator Suspension, Compensation, and Governor Systems (revision of ANSI/ASME A17.6-2017)  
PINS Date: Oct 4, 2019 | Public Review Date: Jun 17, 2022 | Final Action Date: Oct 10, 2022 | [Approved](#)

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- ▶ ANSI/ASME A17.7/CSA B44.7-2006 (R2022), Performance-based safety code for elevators and escalators (reaffirmation of ANSI/ASME A17.7/CSA B44.7-2006 (R2012))  
PINS Date: Jul 9, 2021 | Public Review Date: Feb 4, 2022 | Final Action Date: Sep 2, 2022 | [Approved](#)

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- ▶ ANSI/ASME A17.8-2016/CSA B44.8-2021, Standard for wind turbine tower elevators (revision of ANSI/ASME A17.8-2016/CSA B44.8-2016)  
PINS Date: Jul 20, 2018 | Public Review Date: Jan 22, 2021 | Final Action Date: Oct 27, 2021 | [Approved](#)

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- ▶ ANSI/ASME A18.1 2017, Safety Standard for Platform Lifts and Stairway Chairlifts (revision of ANSI/ASME A18.1 2014)  
Public Review Date: Mar 31, 2017 | Final Action Date: Aug 3, 2017 | [Approved](#)

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- ▶ ANSI/ASME A18.1-2020, Safety Standard for Platform Lifts and Stairway Chairlifts (revision of ANSI/ASME A18.1 2017)  
Public Review Date: Mar 6, 2020 | Final Action Date: Jun 18, 2020 | [Approved](#)

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- ▶ ANSI/ASME A90.1-2015, Safety Standard for Belt Manlifts (revision of ANSI/ASME A90.1-2009)  
Public Review Date: Dec 20, 2013 | Final Action Date: Jan 13, 2015 | [Approved](#)

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- ▶ ANSI/ASME AED-1-2018, Aerospace and Advanced Engineering Drawings (new standard)  
PINS Date: Mar 9, 2018 | Public Review Date: May 25, 2018 | Final Action Date: Sep 25, 2018 | [Approved](#)

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- ▶ ANSI/ASME AG-1-2017, Code on Nuclear Air and Gas Treatment (revision of ANSI/ASME AG-1-2015)  
Public Review Date: Mar 10, 2017 | Final Action Date: May 22, 2017 | [Approved](#)

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- ▶ ANSI/ASME AG-1-2019, Code on Nuclear Air and Gas Treatment (revision of ANSI/ASME AG-1-2017)  
Public Review Date: Apr 12, 2019 | Final Action Date: Aug 8, 2019 | [Approved](#)

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- ▶ ANSI/ASME ANDE-1-2020, ASME Nondestructive Examination and Quality Control Central Qualification and Certification Program (revision of ANSI/ASME ANDE-1-2015)  
Public Review Date: Aug 14, 2020 | Final Action Date: Nov 5, 2020 | [Approved](#)

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- ▶ ANSI/ASME ASME B36.10-2022, Welded and Seamless Wrought Steel Pipe (revision of ANSI/ASME B36.10M-2018)  
Public Review Date: Dec 17, 2021 | Final Action Date: Feb 18, 2022 | [Approved](#)

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- ▶ ANSI/ASME B1.1-2019, Unified Inch Screw Threads (UN and UNR Thread Form) (revision of ANSI/ASME B1.1-2003 (R2018))  
PINS Date: Aug 31, 2018 | Public Review Date: Jul 26, 2019 | Final Action Date: Aug 26, 2019 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME B1.10M-2004 (R2019), Unified Miniature Screw Threads (reaffirmation of ANSI/ASME B1.10M-2004 (R2014))  
Public Review Date: Mar 15, 2019 | Final Action Date: May 23, 2019 | [Approved](#)

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- ▶ ANSI/ASME B1.11-1958 (S2021), Microscope Objective Thread (stabilized maintenance of ANSI/ASME B1.11-1958 (R2016))  
Public Review Date: Apr 16, 2021 | Final Action Date: Jun 18, 2021 | [Approved](#)

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- ▶ ANSI/ASME B1.12-1987 (R2018), Class 5 Interference - Fit Thread (reaffirmation of ANSI/ASME B1.12-1987 (R2013))  
Public Review Date: Apr 6, 2018 | Final Action Date: Jun 15, 2018 | [Approved](#)

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- ▶ ANSI/ASME B1.13M-2005 (R2020), Metric Screw Threads: M Profile (reaffirmation of ANSI/ASME B1.13M-2005 (R2015))  
Public Review Date: Jan 24, 2020 | Final Action Date: Mar 26, 2020 | [Approved](#)

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- ▶ ANSI/ASME B1.16M-1984 (S2021) , Gages and Gaging for Metric M Screw Threads (stabilized maintenance of ANSI/ASME B1.16M-1984 (R2016) )  
Public Review Date: Apr 16, 2021 | Final Action Date: Jun 18, 2021 | [Approved](#)

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- ▶ ANSI/ASME B1.2-1983 (R2017), Gages and Gaging for Unified Inch Screw Threads (reaffirmation of ANSI/ASME B1.2-1983 (R2007))  
Public Review Date: Feb 17, 2017 | Final Action Date: Apr 25, 2017 | [Approved](#)

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- ▶ ANSI/ASME B1.20.1-2013 (R2018), Pipe Threads, General Purpose (Inch) (reaffirmation of ANSI/ASME B1.20.1-2013)  
Public Review Date: Oct 5, 2018 | Final Action Date: Dec 7, 2018 | [Approved](#)

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- ▶ ANSI/ASME B1.20.3-1976 (R2018), Dryseal Pipe Threads (Inch) (reaffirmation of ANSI/ASME B1.20.3-1976 (R2013))  
Public Review Date: May 25, 2018 | Final Action Date: Sep 6, 2018 | [Approved](#)

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- ▶ ANSI/ASME B1.20.5-1991 (R2019), Gaging for Dryseal Pipe Threads (Inch) (reaffirmation of ANSI/ASME B1.20.5-1991 (R2014))  
Public Review Date: Apr 12, 2019 | Final Action Date: Jun 18, 2019 | [Approved](#)

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- ▶ ANSI/ASME B1.20.7-1991 (R2018), Hose Coupling Screw Threads (Inch) (reaffirmation of ANSI/ASME B1.20.7-1991 (R2013))  
Public Review Date: Apr 6, 2018 | Final Action Date: Jun 15, 2018 | [Approved](#)

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- ▶ ANSI/ASME B1.21M-1997 (R2018), Metric Screw Threads MJ Profile (reaffirmation of ANSI/ASME B1.21M-1997 (R2013))  
Public Review Date: Apr 6, 2018 | Final Action Date: Jun 15, 2018 | [Approved](#)

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- ▶ ANSI/ASME B1.22M-1985 (R2016) , Gages and Gaging for MJ Series Metric Screw Threads (reaffirmation of ANSI/ASME B1.22M-1985 (R2011))  
Public Review Date: Apr 1, 2016 | Final Action Date: Jun 17, 2016 | [Approved](#)

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- ▶ ANSI/ASME B1.22M-1985 (S2021) , Gages and Gaging for MJ Series Metric Screw Threads (stabilized maintenance of ANSI/ASME B1.22M-1985 (R2016) )  
Public Review Date: Apr 16, 2021 | Final Action Date: Jun 18, 2021 | [Approved](#)

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- ▶ ANSI/ASME B1.25-2019, Measurement Uncertainty Factors in the Calibration of Screw Thread Gages (new standard)  
PINS Date: Sep 22, 2017 | Public Review Date: Feb 8, 2019 | Final Action Date: Mar 15, 2019 | [Approved](#)

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- ▶ ANSI/ASME B1.3-2007 (R2022), Screw Thread Gaging Systems for Acceptability – Inch and Metric Screw Threads (UN, UNR, UNJ, M, and MJ) (reaffirmation of ANSI/ASME B1.3-2007 (R2017))  
Public Review Date: Dec 17, 2021 | Final Action Date: Feb 28, 2022 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME B1.30-2002 (R2022), Screw Threads – Standard Practice for Calculating and Rounding Dimensions (reaffirmation of ANSI/ASME B1.30-2002 (R2017))  
Public Review Date: Dec 17, 2021 | Final Action Date: Feb 28, 2022 | [Approved](#)

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- ▶ ANSI/ASME B1.5-1997 (R2014), Acme Screw Threads (reaffirmation of ANSI/ASME B1.5-1997 (R2009))  
Public Review Date: Mar 28, 2014 | Final Action Date: Jun 2, 2014 | [Approved](#)

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- ▶ ANSI/ASME B1.7-2006 (R2021), Screw Threads: Nomenclature, Definitions, and Letter Symbols (reaffirmation of ANSI/ASME B1.7-2006 (R2016))  
Public Review Date: Mar 12, 2021 | Final Action Date: May 20, 2021 | [Approved](#)

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- ▶ ANSI/ASME B1.8-1988 (R2021), Stub Acme Screw Threads (reaffirmation of ANSI/ASME B1.8-1988 (R2016))  
Public Review Date: Mar 12, 2021 | Final Action Date: May 20, 2021 | [Approved](#)

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- ▶ ANSI/ASME B1.9-1973 (R2017), Buttress Inch Screw Threads (7 deg./45 deg. Form with 0.6 Pitch Basic Height of Thread Engagement) (reaffirmation of ANSI/ASME B1.9-1973 (R2007))  
Public Review Date: Feb 17, 2017 | Final Action Date: Apr 18, 2017 | [Approved](#)

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- ▶ ANSI/ASME B107.100-2020, Flat Wrenches (revision of ANSI/ASME B107.100-2010)  
PINS Date: Nov 14, 2014 | Public Review Date: Sep 6, 2019 | Final Action Date: Jan 21, 2020 | [Approved](#)

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- ▶ ANSI/ASME B107.110-2019, Socket Wrenches, Handles, and Attachments (revision of ANSI/ASME B107.110-2012)  
PINS Date: Oct 27, 2017 | Public Review Date: Jun 21, 2019 | Final Action Date: Aug 29, 2019 | [Approved](#)

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- ▶ ANSI/ASME B107.17-2020, Gages and Mandrels for Wrench Openings (revision of ANSI/ASME B107.17-2015)  
PINS Date: Jul 26, 2019 | Public Review Date: Jan 17, 2020 | Final Action Date: Feb 24, 2020 | [Approved](#)

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- ▶ ANSI/ASME B107.300-2021, Torque Instruments (revision of ANSI/ASME B107.300-2010 (R2016))  
PINS Date: Jul 28, 2017 | Public Review Date: Mar 26, 2021 | Final Action Date: Jun 10, 2021 | [Approved](#)

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- ▶ ANSI/ASME B107.4-2019, Driving and Spindle Ends for Portable Hand, Impact, Air, and Electric Tools (Percussion Tools Excluded) (revision and redesignation of ANSI/ASME B107.4M-2005 (R2011))  
PINS Date: Jul 22, 2016 | Public Review Date: Feb 15, 2019 | Final Action Date: Apr 23, 2019 | [Approved](#)

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- ▶ ANSI/ASME B107.400-2018, Striking Tools (new standard)  
PINS Date: Jan 26, 2018 | Public Review Date: May 25, 2018 | Final Action Date: Sep 20, 2018 | [Approved](#)

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- ▶ ANSI/ASME B107.410-2018, Struck Tools (new standard)  
PINS Date: Feb 16, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Nov 9, 2018 | [Approved](#)

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- ▶ ANSI/ASME B107.500-2020, Pliers (revision of ANSI/ASME B107.500-2010)  
PINS Date: Jul 26, 2013 | Public Review Date: Aug 30, 2019 | Final Action Date: Jan 21, 2020 | [Approved](#)

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- ▶ ANSI/ASME B107.56-2018, Body Repair Tools (new standard)  
PINS Date: Jan 26, 2018 | Public Review Date: Apr 27, 2018 | Final Action Date: Jul 20, 2018 | [Approved](#)

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- ▶ ANSI/ASME B107.600-2016 (R2021), Screwdrivers and Screw Bits (reaffirmation of ANSI/ASME B107.600-2016)  
Public Review Date: Mar 19, 2021 | Final Action Date: Jun 4, 2021 | [Approved](#)

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- ▶ ANSI/ASME B133.8-2011 (R2022), Gas Turbine Installation Sound Emissions (reaffirmation of ANSI/ASME B133.8-2011)  
Public Review Date: Apr 22, 2022 | Final Action Date: Jul 11, 2022 | [Approved](#)

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- ▶ ANSI/ASME B16.1-2020, Gray Iron Pipe Flanges and Flanged FittingsClasses 25, 125, and 250 (revision of ANSI/ASME B16.1-2015)  
Public Review Date: Jun 19, 2020 | Final Action Date: Jul 24, 2020 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME B16.10-2017 , Face-to-Face and End-to-End Dimensions of Valves (revision of ANSI/ASME B16.10-2009)  
PINS Date: Jun 27, 2014 | Public Review Date: Oct 7, 2016 | Final Action Date: Apr 25, 2017 | [Approved](#)

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- ▶ ANSI/ASME B16.10-2022, Face-to-Face and End-to-End Dimensions of Valves (revision of ANSI/ASME B16.10-2017 )  
Public Review Date: Feb 18, 2022 | Final Action Date: Apr 15, 2022 | [Approved](#)

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- ▶ ANSI/ASME B16.11-2021, Forged Fittings, Socket-Welding and Threaded (revision of ANSI/ASME B16.11-2016 )  
Public Review Date: Sep 17, 2021 | Final Action Date: Dec 14, 2021 | [Approved](#)

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- ▶ ANSI/ASME B16.12-2019 , Cast Iron Threaded Drainage Fittings (revision of ANSI/ASME B16.12-2009 (R2014))  
Public Review Date: Jun 21, 2019 | Final Action Date: Jul 29, 2019 | [Approved](#)

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- ▶ ANSI/ASME B16.14-2018, Ferrous Pipe Plugs, Bushings, and Locknuts with Pipe Threads (revision of ANSI/ASME B16.14-2013)  
Public Review Date: Jun 15, 2018 | Final Action Date: Aug 3, 2018 | [Approved](#)

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- ▶ ANSI/ASME B16.15-2018, Cast Copper Alloy Threaded Fittings: Classes 125 and 250 (revision of ANSI/ASME B16.15-2013)  
Public Review Date: Jun 15, 2018 | Final Action Date: Aug 3, 2018 | [Approved](#)

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- ▶ ANSI/ASME B16.18-2018, Cast Copper Alloy Solder Joint Pressure Fittings (revision of ANSI/ASME B16.18-2012)  
PINS Date: Sep 8, 2017 | Public Review Date: Nov 24, 2017 | Final Action Date: Feb 16, 2018 | [Approved](#)

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- ▶ ANSI/ASME B16.18-2021, Cast Copper Alloy Solder Joint Pressure Fittings (revision of ANSI/ASME B16.18-2018)  
Public Review Date: Sep 17, 2021 | Final Action Date: Nov 12, 2021 | [Approved](#)

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- ▶ ANSI/ASME B16.20-2017, Metallic Gaskets for Pipe Flanges (revision of ANSI/ASME B16.20-2012)  
Public Review Date: Jul 21, 2017 | Final Action Date: Oct 11, 2017 | [Approved](#)

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- ▶ ANSI/ASME B16.21-2021, Nonmetallic Flat Gaskets for Pipe Flanges (revision of ANSI/ASME B16.21-2016 )  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 7, 2021 | [Approved](#)

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- ▶ ANSI/ASME B16.22-2018, Wrought Copper and Copper Alloy Solder Joint Pressure Fittings (revision of ANSI/ASME B16.22-2013)  
Public Review Date: Jun 15, 2018 | Final Action Date: Aug 3, 2018 | [Approved](#)

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- ▶ ANSI/ASME B16.22-2021, Wrought Copper and Copper Alloy Solder-Joint Pressure Fittings (revision of ANSI/ASME B16.22-2018)  
Public Review Date: Sep 17, 2021 | Final Action Date: Nov 12, 2021 | [Approved](#)

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- ▶ ANSI/ASME B16.23-2021, Cast Copper Alloy Solder Joint Drainage Fittings: DWV (revision of ANSI/ASME B16.23-2016)  
Public Review Date: Sep 17, 2021 | Final Action Date: Nov 12, 2021 | [Approved](#)

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- ▶ ANSI/ASME B16.24-2021, Cast Copper Alloy Pipe Flanges, Flanged Fittings, and ValvesClasses 150, 300, 600, 900, 1500, and 2500 (revision of ANSI/ASME B16.24-2016)  
Public Review Date: Sep 17, 2021 | Final Action Date: Dec 10, 2021 | [Approved](#)

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- ▶ ANSI/ASME B16.25-2022, Butt welding Ends (revision of ANSI/ASME B16.25-2017)  
Public Review Date: Jun 10, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)

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- ▶ ANSI/ASME B16.26-2018, Cast Copper Alloy Fittings for Flared Copper Tubes (revision of ANSI/ASME B16.26-2013)  
Public Review Date: Jun 15, 2018 | Final Action Date: Aug 3, 2018 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME B16.29-2022, Wrought Copper and Wrought Copper Alloy Solder-Joint Drainage Fittings - DWV (revision of ANSI/ASME B16.29-2017)  
Public Review Date: Jun 10, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)

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- ▶ ANSI/ASME B16.3-2021, Malleable Iron Threaded FittingsClasses 150 and 300 (revision of ANSI/ASME B16.3-2016)  
Public Review Date: Sep 17, 2021 | Final Action Date: Nov 15, 2021 | [Approved](#)

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- ▶ ANSI/ASME B16.33-2012 (R2017), Manually Operated Metallic Gas Valves for Use in Gas Piping Systems up to 125 PSI (sizes NPS 1/2 through NPS 2) (reaffirmation of ANSI/ASME B16.33-2012)  
Public Review Date: Sep 15, 2017 | Final Action Date: Nov 17, 2017 | [Approved](#)

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- ▶ ANSI/ASME B16.34-2017 , Valves - Flanged, Threaded, and Welding End (revision of ANSI/ASME B16.34-2013)  
Public Review Date: Aug 5, 2016 | Final Action Date: Mar 9, 2017 | [Approved](#)

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- ▶ ANSI/ASME B16.34-2020, Valves — Flanged, Threaded, and Welding End (revision of ANSI/ASME B16.34-2017 )  
Public Review Date: Jul 3, 2020 | Final Action Date: Nov 13, 2020 | [Approved](#)

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- ▶ ANSI/ASME B16.36-2020, Orifice Flanges (revision of ANSI/ASME B16.36-2015)  
Public Review Date: Jun 26, 2020 | Final Action Date: Dec 4, 2020 | [Approved](#)

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- ▶ ANSI/ASME B16.38-2012 (R2017), Large Metallic Valves for Gas Distribution (Manually Operated, NPS - 2 1/2, 125 psig aximum) (reaffirmation of ANSI/ASME B16.38-2012)  
Public Review Date: Sep 15, 2017 | Final Action Date: Nov 17, 2017 | [Approved](#)

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- ▶ ANSI/ASME B16.39-2019, Malleable Iron Threaded Pipe Unions (revision of ANSI/ASME B16.39-2014)  
PINS Date: Aug 30, 2019 | Public Review Date: Oct 11, 2019 | Final Action Date: Dec 23, 2019 | [Approved](#)

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- ▶ ANSI/ASME B16.4-2021, Gray Iron Threaded FittingsClasses 125 and 250 (revision of ANSI/ASME B16.4-2016)  
Public Review Date: Sep 17, 2021 | Final Action Date: Nov 12, 2021 | [Approved](#)

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- ▶ ANSI/ASME B16.40-2019, Manually Operated Thermoplastic Gas Shutoffs and Valves in Gas Distribution Systems (revision of ANSI/ASME B16.40-2013)  
Public Review Date: Aug 24, 2018 | Final Action Date: Jan 15, 2019 | [Approved](#)

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- ▶ ANSI/ASME B16.42-2021, Ductile Iron Pipe Flanges and Flanged FittingsClasses 150 and 300 (revision of ANSI/ASME B16.42-2016)  
Public Review Date: Sep 17, 2021 | Final Action Date: Dec 10, 2021 | [Approved](#)

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- ▶ ANSI/ASME B16.44-2012 (R2017), Manually Operated Metallic Gas Valves for Use in Aboveground Piping System (reaffirmation of ANSI/ASME B16.44-2012)  
Public Review Date: Sep 15, 2017 | Final Action Date: Nov 17, 2017 | [Approved](#)

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- ▶ ANSI/ASME B16.47-2017 , Large Diameter Steel Flanges (revision of ANSI/ASME B16.47-2011)  
Public Review Date: Oct 7, 2016 | Final Action Date: Mar 6, 2017 | [Approved](#)

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- ▶ ANSI/ASME B16.47-2020, Large Diameter Steel Flanges NPS 26 Through NPS 60 Metric/ Inch Standard (revision of ANSI/ASME B16.47-2017 )  
Public Review Date: Jun 26, 2020 | Final Action Date: Nov 13, 2020 | [Approved](#)

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- ▶ ANSI/ASME B16.48-2020, Line Blanks (revision of ANSI/ASME B16.48-2015)  
Public Review Date: Jun 26, 2020 | Final Action Date: Nov 13, 2020 | [Approved](#)

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- ▶ ANSI/ASME B16.49-2022, Factory-Made, Wrought Steel, Butt welding Induction Bends for Transportation and Distribution Systems (revision of ANSI/ASME B16.49-2017)  
Public Review Date: Jun 10, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME B16.5-2017, Pipe Flanges and Flanged Fittings NPS 1/2 Through NPS 24 Metric/Inch Standard (revision of ANSI/ASME B16.5-2013)

Public Review Date: Aug 5, 2016 | Final Action Date: Feb 14, 2017 | [Approved](#)

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- ▶ ANSI/ASME B16.5-2021, Pipe Flanges and Flanged Fittings NPS Through NPS 24 Metric/Inch Standard (revision of ANSI/ASME B16.5-2017)

Public Review Date: Jul 3, 2020 | Final Action Date: Jan 5, 2021 | [Approved](#)

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- ▶ ANSI/ASME B16.50-2018, Wrought Copper and Copper Alloy Braze-Joint Pressure Fittings (revision of ANSI/ASME B16.50-2013)

Public Review Date: May 18, 2018 | Final Action Date: Jul 27, 2018 | [Approved](#)

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- ▶ ANSI/ASME B16.50-2021, Wrought Copper and Copper Alloy Braze-Joint Pressure Fittings (revision of ANSI/ASME B16.50-2018)

Public Review Date: Sep 17, 2021 | Final Action Date: Nov 15, 2021 | [Approved](#)

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- ▶ ANSI/ASME B16.51-2018, Copper and Copper Alloy Press-Connect Pressure Fittings (revision of ANSI/ASME B16.51-2013)

Public Review Date: Jun 15, 2018 | Final Action Date: Sep 6, 2018 | [Approved](#)

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- ▶ ANSI/ASME B16.51-2021, Copper and Copper Alloy Press-Connect Pressure Fittings (revision of ANSI/ASME B16.51-2018)

Public Review Date: Sep 17, 2021 | Final Action Date: Nov 12, 2021 | [Approved](#)

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- ▶ ANSI/ASME B16.52-2018, Forged Nonferrous Fittings, Socket-Welding and Threaded (Titanium, Titanium Alloys, Aluminum, and Aluminum Alloys) (new standard)

PINS Date: Oct 28, 2016 | Public Review Date: Dec 1, 2017 | Final Action Date: Mar 29, 2018 | [Approved](#)

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- ▶ ANSI/ASME B16.9-2018, Factory-Made Wrought Butt welding Fittings (revision of ANSI/ASME B16.9-2012)

PINS Date: Jun 30, 2017 | Public Review Date: Nov 24, 2017 | Final Action Date: Sep 25, 2018 | [Approved](#)

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- ▶ ANSI/ASME B17.1-1967 (R2017), Keys and Keyseats (reaffirmation of ANSI/ASME B17.1-1967 (R2013))

Public Review Date: Jul 21, 2017 | Final Action Date: Oct 5, 2017 | [Approved](#)

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- ▶ ANSI/ASME B17.2-1967 (R2017), Woodruff Keys and Keyseats (reaffirmation of ANSI/ASME B17.2-1967 (R2013))

Public Review Date: Jul 21, 2017 | Final Action Date: Oct 5, 2017 | [Approved](#)

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- ▶ ANSI/ASME B18.1.1-1972 (R2021), Small Solid Rivets (reaffirmation of ANSI/ASME B18.1.1-1972 (R2016))

Public Review Date: Jul 23, 2021 | Final Action Date: Oct 8, 2021 | [Approved](#)

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- ▶ ANSI/ASME B18.1.2-1972 (R2021), Large Rivets (reaffirmation of ANSI/ASME B18.1.2-1972 (R2016))

Public Review Date: Jul 23, 2021 | Final Action Date: Oct 8, 2021 | [Approved](#)

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- ▶ ANSI/ASME B18.1.3M-1983 (R2021), Metric Small Solid Rivets (reaffirmation of ANSI/ASME B18.1.3M-1983 (R2016))

Public Review Date: Jul 23, 2021 | Final Action Date: Oct 8, 2021 | [Approved](#)

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- ▶ ANSI/ASME B18.10-2006 (R2021), Track Bolts and Nuts (reaffirmation of ANSI/ASME B18.10-2006 (R2016))

Public Review Date: Aug 20, 2021 | Final Action Date: Oct 28, 2021 | [Approved](#)

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- ▶ ANSI/ASME B18.11-1961 (S2021), Miniature Screws (stabilized maintenance of ANSI/ASME B18.11-1961 (R2017))

Public Review Date: Oct 8, 2021 | Final Action Date: Jan 4, 2022 | [Approved](#)

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- ▶ ANSI/ASME B18.12-2020, Glossary of Terms for Mechanical Fasteners (revision of ANSI/ASME B18.12-2012)

PINS Date: Mar 10, 2017 | Public Review Date: Oct 11, 2019 | Final Action Date: Jan 6, 2020 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME B18.13-2017 (R2022), Screw and Washer Assemblies – SEMS (Inch) (reaffirmation of ANSI/ASME B18.13-2017)  
Public Review Date: Oct 22, 2021 | Final Action Date: Jan 7, 2022 | [Approved](#)

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- ▶ ANSI/ASME B18.13.1M-2011 (R2022), Screw and Washer Assemblies: SEMS (Metric Series) (reaffirmation of ANSI/ASME B18.13.1M-2011 (R2016))  
Public Review Date: Oct 22, 2021 | Final Action Date: Jan 7, 2022 | [Approved](#)

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- ▶ ANSI/ASME B18.15-2015 (R2021), Forged Eyebolts (reaffirmation of ANSI/ASME B18.15-2015)  
PINS Date: Mar 3, 2017 | Public Review Date: Jul 23, 2021 | Final Action Date: Oct 8, 2021 | [Approved](#)

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- ▶ ANSI/ASME B18.16.4-2008 (R2017), Serrated Hex Flange Locknuts 90,000 PSI (Inch Series) (reaffirmation of ANSI/ASME B18.16.4-2008 (R2013))  
Public Review Date: Jul 21, 2017 | Final Action Date: Oct 5, 2017 | [Approved](#)

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- ▶ ANSI/ASME B18.16.6-2017 (R2022), Prevailing Torque Locknuts (Inch Series) (reaffirmation of ANSI/ASME B18.16.6-2017)  
Public Review Date: Feb 4, 2022 | Final Action Date: Apr 25, 2022 | [Approved](#)

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- ▶ ANSI/ASME B18.16M-2004 (R2021), Prevailing-Torque Type Steel Metric Hex Nuts and Hex Flange Nuts (reaffirmation of ANSI/ASME B18.16M-2004 (R2016))  
Public Review Date: Oct 8, 2021 | Final Action Date: Dec 14, 2021 | [Approved](#)

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- ▶ ANSI/ASME B18.18-2017 (R2021), Quality Assurance for Fasteners (reaffirmation of ANSI/ASME B18.18-2017)  
Public Review Date: Oct 8, 2021 | Final Action Date: Dec 14, 2021 | [Approved](#)

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- ▶ ANSI/ASME B18.2.1-2012 (R2021), Square, Hex, Heavy Hex, and Askew Head Bolts, and Hex, Heavy Hex, and Hex Flange, Lobed Head, and Lag Screws (Inch Series) (reaffirmation of ANSI/ASME B18.2.1-2012)  
Public Review Date: Oct 8, 2021 | Final Action Date: Dec 14, 2021 | [Approved](#)

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- ▶ ANSI/ASME B18.2.2-2022, Nuts for General Applications: Machine Screw Nuts, Hex, Square, Hex Flange, and Coupling Nuts (Inch Series) (revision of ANSI/ASME B18.2.2-2015)  
PINS Date: Oct 2, 2020 | Public Review Date: Nov 19, 2021 | Final Action Date: Jan 21, 2022 | [Approved](#)

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- ▶ ANSI/ASME B18.2.3.9M-2001 (R2020), Metric Heavy Hex Flange Screws (reaffirmation of ANSI/ASME B18.2.3.9M-2001 (R2014))  
Public Review Date: Dec 13, 2019 | Final Action Date: Feb 24, 2020 | [Approved](#)

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- ▶ ANSI/ASME B18.2.5M-2013 (R2017), Metric Flanged 12-Point Head Screws (reaffirmation of ANSI/ASME B18.2.5M-2013)  
Public Review Date: Jul 21, 2017 | Final Action Date: Oct 5, 2017 | [Approved](#)

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- ▶ ANSI/ASME B18.2.6-2019, Fasteners for Use in Structural Applications (revision, redesignation and consolidation of ANSI/ASME B18.2.6-2010, ANSI/ASME B18.2.6 (Supplement)-2010)  
PINS Date: Jul 4, 2014 | Public Review Date: Oct 19, 2018 | Final Action Date: Feb 27, 2019 | [Approved](#)

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- ▶ ANSI/ASME B18.2.6M-2012 (R2021), Metric Fasteners for Use In Structural Applications (reaffirmation of ANSI/ASME B18.2.6M-2012)  
Public Review Date: Jul 23, 2021 | Final Action Date: Oct 8, 2021 | [Approved](#)

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- ▶ ANSI/ASME B18.2.8-1999 (S2021), Clearance Holes for Bolts, Screws, and Studs (stabilized maintenance of ANSI/ASME B18.2.8-1999 (R2017))  
Public Review Date: Oct 8, 2021 | Final Action Date: Dec 14, 2021 | [Approved](#)

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- ▶ ANSI/ASME B18.2.9-2010 (R2021), Straightness Gage and Gaging for Bolts and Screws (reaffirmation of ANSI/ASME B18.2.9-2010 (R2017))  
Public Review Date: Oct 8, 2021 | Final Action Date: Dec 14, 2021 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME B18.21.1-2009 (R2016), Washers: Helical Spring-Lock, Tooth Lock, and Plain Washers (reaffirmation of ANSI/ASME B18.21.1-2009)  
Public Review Date: Sep 9, 2016 | Final Action Date: Nov 16, 2016 | [Approved](#)

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- ▶ ANSI/ASME B18.21.3-2008 (R2017), Double Coil Helical Spring Lock Washers for Wood Structures (reaffirmation of ANSI/ASME B18.21.3-2008 (R2013))  
Public Review Date: Jul 21, 2017 | Final Action Date: Oct 5, 2017 | [Approved](#)

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- ▶ ANSI/ASME B18.22M-1981 (S2021), Metric Plain Washers (stabilized maintenance of ANSI/ASME B18.22M-1981 (R2017))  
Public Review Date: Oct 8, 2021 | Final Action Date: Jan 4, 2022 | [Approved](#)

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- ▶ ANSI/ASME B18.24-2020, Part Identifying Number (PIN) Code System Standard for B18 Fastener Products (revision of ANSI/ASME B18.24-2015)  
PINS Date: Jun 22, 2018 | Public Review Date: May 1, 2020 | Final Action Date: Jul 6, 2020 | [Approved](#)

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- ▶ ANSI/ASME B18.27-1998 (S2021), Tapered and Reduced Cross Section Retaining Rings (Inch Series) (stabilized maintenance of ANSI/ASME B18.27-1998 (R2017))  
Public Review Date: Oct 8, 2021 | Final Action Date: Jan 4, 2022 | [Approved](#)

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- ▶ ANSI/ASME B18.29.1-2010 (S2021), Helical Coil Screw Thread Inserts – Free Running and Screw Locking (Inch Series) (stabilized maintenance of ANSI/ASME B18.29.1-2010 (R2017))  
Public Review Date: Oct 8, 2021 | Final Action Date: Jan 4, 2022 | [Approved](#)

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- ▶ ANSI/ASME B18.29.2M-2005 (S2021), Helical Coil Screw Thread Inserts: Free Running and Screw Locking (Metric Series) (stabilized maintenance of ANSI/ASME B18.29.2M-2005 (R2017))  
Public Review Date: Oct 8, 2021 | Final Action Date: Jan 4, 2022 | [Approved](#)

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- ▶ ANSI/ASME B18.3-2012 (R2017), Socket Cap, Shoulder, Set Screws, and Hex Keys (Inch Series) (reaffirmation of ANSI/ASME B18.3-2012)  
Public Review Date: Jul 21, 2017 | Final Action Date: Oct 5, 2017 | [Approved](#)

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- ▶ ANSI/ASME B18.31.1M-2008 (R2021), Metric Continuous and Double End Studs (reaffirmation of ANSI/ASME B18.31.1M-2008 (R2016))  
PINS Date: Nov 6, 2020 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 14, 2021 | [Approved](#)

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- ▶ ANSI/ASME B18.31.2-2014 (R2019), Continuous Thread Stud, Double-End Stud, and Flange Bolting Stud (Stud Bolt) (Inch Series) (reaffirmation of ANSI/ASME B18.31.2-2014)  
Public Review Date: Aug 16, 2019 | Final Action Date: Nov 12, 2019 | [Approved](#)

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- ▶ ANSI/ASME B18.31.3-2014 (R2019), Threaded Rod (Inch Series) (reaffirmation of ANSI/ASME B18.31.3-2014)  
Public Review Date: Aug 16, 2019 | Final Action Date: Nov 12, 2019 | [Approved](#)

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- ▶ ANSI/ASME B18.31.4M-2009 (R2021), Threaded Rod (Metric Series) (reaffirmation of ANSI/ASME B18.31.4M-2009 (R2017))  
Public Review Date: Aug 20, 2021 | Final Action Date: Oct 28, 2021 | [Approved](#)

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- ▶ ANSI/ASME B18.31.5-2011 (R2021), Bent Bolts (Inch Series) (reaffirmation of ANSI/ASME B18.31.5-2011 (R2016))  
Public Review Date: Aug 20, 2021 | Final Action Date: Oct 28, 2021 | [Approved](#)

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- ▶ ANSI/ASME B18.5-2012 (R2017), Round Head Bolts (Inch Series) (reaffirmation of ANSI/ASME B18.5-2012)  
Public Review Date: May 12, 2017 | Final Action Date: Jul 21, 2017 | [Approved](#)

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- ▶ ANSI/ASME B18.6.1-1981 (R2016), Wood Screws (Inch Series) (reaffirmation of ANSI/ASME B18.6.1-1981 (R2008))  
Public Review Date: Jul 29, 2016 | Final Action Date: Oct 11, 2016 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME B18.6.1-1981 (S2021), Wood Screws (Inch Series) (stabilized maintenance of ANSI/ASME B18.6.1-1981 (R2016))  
PINS Date: Nov 11, 2016 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 14, 2021 | [Approved](#)

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- ▶ ANSI/ASME B18.6.2-2020, Square Head Set Screws, And Slotted Headless Set Screws (Inch Series) (revision of ANSI/ASME B18.6.2-1998 (R2010))  
PINS Date: Nov 11, 2016 | Public Review Date: Apr 17, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/ASME B18.6.3-2013 (R2017), Machine Screws, Tapping Screws, and Metallic Drive Screws (Inch Series) (reaffirmation of ANSI/ASME B18.6.3-2013)  
Public Review Date: Jul 21, 2017 | Final Action Date: Oct 5, 2017 | [Approved](#)

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- ▶ ANSI/ASME B18.6.8-2010 (S2021), Thumb Screws and Wing Screws (stabilized maintenance of ANSI/ASME B18.6.8-2010 (R2017))  
Public Review Date: Oct 8, 2021 | Final Action Date: Jan 4, 2022 | [Approved](#)

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- ▶ ANSI/ASME B18.6.9-2010 (S2021), Wing Nuts (stabilized maintenance of ANSI/ASME B18.6.9-2010 (R2017))  
Public Review Date: Oct 8, 2021 | Final Action Date: Jan 4, 2022 | [Approved](#)

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- ▶ ANSI/ASME B18.7-2007 (R2022), General Purpose Semi-Tubular Rivets, Full Tubular Rivets, Split Rivets And Rivet Caps (reaffirmation of ANSI/ASME B18.7-2007 (R2017))  
Public Review Date: Jul 15, 2022 | Final Action Date: Sep 23, 2022 | [Approved](#)

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- ▶ ANSI/ASME B18.7.1M-2007 (S2022), Metric General Purpose Semi-Tubular Rivets (stabilized maintenance of ANSI/ASME B18.7.1M-2007 (R2017))  
Public Review Date: Jul 15, 2022 | Final Action Date: Sep 23, 2022 | [Approved](#)

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- ▶ ANSI/ASME B18.8.1-2014 (R2019), Clevis Pins And Cotter Pins (Inch Series) (reaffirmation of ANSI/ASME B18.8.1-2014)  
Public Review Date: Aug 16, 2019 | Final Action Date: Nov 12, 2019 | [Approved](#)

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- ▶ ANSI/ASME B18.8.2-2020, Taper Pins, Dowel Pins, Straight Pins, Grooved Pins And Spring Pins (Inch Series) (revision of ANSI/ASME B18.8.2-2000 (R2010))  
PINS Date: Jul 14, 2017 | Public Review Date: Feb 7, 2020 | Final Action Date: Apr 16, 2020 | [Approved](#)

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- ▶ ANSI/ASME B18.8.2-2020a, Taper Pins, Dowel Pins, Straight Pins, Grooved Pins and Spring Pins (Inch Series) (revision of ANSI/ASME B18.8.2-2020)  
Public Review Date: Sep 25, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ ANSI/ASME B18.9-2012 (R2017), Plow Bolts (reaffirmation of ANSI/ASME B18.9-2012)  
Public Review Date: Mar 24, 2017 | Final Action Date: May 25, 2017 | [Approved](#)

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- ▶ ANSI/ASME B20.1-2018, Safety Standard for Conveyors and Related Equipment (revision of ANSI/ASME B20.1-2015)  
Public Review Date: Feb 23, 2018 | Final Action Date: Jun 22, 2018 | [Approved](#)

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- ▶ ANSI/ASME B20.1-2021, Safety Standard for Conveyors and Related Equipment (revision of ANSI/ASME B20.1-2018)  
Public Review Date: Jun 11, 2021 | Final Action Date: Jul 16, 2021 | [Approved](#)

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- ▶ ANSI/ASME B27.6-1972 (S2021), General Purpose Uniform Cross Section Spiral Retaining Rings (stabilized maintenance of ANSI/ASME B27.6-1972 (R2017))  
Public Review Date: Oct 8, 2021 | Final Action Date: Jan 4, 2022 | [Approved](#)

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- ▶ ANSI/ASME B27.7-1977 (S2021), General Purpose Tapered and Reduced Cross Section Retaining Rings (Metric) (stabilized maintenance of ANSI/ASME B27.7-1977 (R2017))  
Public Review Date: Oct 8, 2021 | Final Action Date: Jan 4, 2022 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME B29.1-2011 (R2022), Precision Power Transmission Roller Chains, Attachments, and Sprockets (reaffirmation of ANSI/ASME B29.1-2011 (R2016))  
Public Review Date: Oct 22, 2021 | Final Action Date: Jan 7, 2022 | [Approved](#)

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- ▶ ANSI/ASME B29.100-2011 (R2021) , Double-Pitch Roller Chains, Attachments, and Sprockets (reaffirmation of ANSI/ASME B29.100-2011 (R2016))  
Public Review Date: Oct 8, 2021 | Final Action Date: Dec 10, 2021 | [Approved](#)

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- ▶ ANSI/ASME B29.10M-1997 (R2019), Heavy Duty Offset Sidebar Power Transmission Roller Chains and Sprocket Teeth (reaffirmation of ANSI/ASME B29.10M-1997 (R2009))  
PINS Date: Oct 19, 2012 | Public Review Date: Mar 29, 2019 | Final Action Date: Jun 11, 2019 | [Approved](#)

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- ▶ ANSI/ASME B29.12M-1997 (R2018), Steel Bushed Rollerless Chains, Attachments and Sprockets (reaffirmation of ANSI/ASME B29.12M-1997 (R2013))  
Public Review Date: Jul 20, 2018 | Final Action Date: Nov 1, 2018 | [Approved](#)

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- ▶ ANSI/ASME B29.15M-1997 (R2021), Steel Roller Type Conveyor Chains, Attachments, And Sprocket Teeth (reaffirmation of ANSI/ASME B29.15M-1997 (R2017))  
Public Review Date: Oct 8, 2021 | Final Action Date: Dec 10, 2021 | [Approved](#)

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- ▶ ANSI/ASME B29.17M-1998 (R2018), Hinge Type Flat Top Conveyor Chains and Sprocket Teeth (reaffirmation of ANSI/ASME B29.17M-1998 (R2013))  
Public Review Date: Jul 20, 2018 | Final Action Date: Nov 1, 2018 | [Approved](#)

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- ▶ ANSI/ASME B29.200-2001 (R2021), Welded-Steel-Type Mill Chains, Welded-Steel-Type Drag Chains, Attachments, and Sprocket Teeth (reaffirmation of ANSI/ASME B29.200-2001 (R2017))  
Public Review Date: Oct 8, 2021 | Final Action Date: Dec 10, 2021 | [Approved](#)

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- ▶ ANSI/ASME B29.21-2013 (R2018), 700 Class Chains, Attachments and Sprocket Teeth for Water and Sewage Treatment Plants (reaffirmation of ANSI/ASME B29.21-2013)  
Public Review Date: Apr 13, 2018 | Final Action Date: Jun 29, 2018 | [Approved](#)

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- ▶ ANSI/ASME B29.22-2001 (R2021) , Drop Forged Rivetless Chains, Sprockets Teeth Drive Chain/Drive Dogs (reaffirmation of ANSI/ASME B29.22-2001 (R2016))  
Public Review Date: Oct 8, 2021 | Final Action Date: Dec 10, 2021 | [Approved](#)

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- ▶ ANSI/ASME B29.24-2002 (R2021), Roller Load Chains for Overhead Hoists (reaffirmation of ANSI/ASME B29.24-2002 (R2016))  
Public Review Date: Oct 8, 2021 | Final Action Date: Dec 10, 2021 | [Approved](#)

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- ▶ ANSI/ASME B29.26-2013 (R2021), Fatigue Testing Power Transmission Roller Chain (reaffirmation of ANSI/ASME B29.26-2013)  
PINS Date: Sep 21, 2018 | Public Review Date: Mar 5, 2021 | Final Action Date: May 7, 2021 | [Approved](#)

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- ▶ ANSI/ASME B29.27-2002 (R2021), Single-Pitch and Double-Pitch Hollow Pin Conveyor Chains And Attachments (reaffirmation of ANSI/ASME B29.27-2002 (R2016))  
Public Review Date: Mar 5, 2021 | Final Action Date: May 7, 2021 | [Approved](#)

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- ▶ ANSI/ASME B29.28-2015 (R2020), High-Strength Chains for Power Transmission and Tension Linkages (reaffirmation of ANSI/ASME B29.28-2015)  
Public Review Date: Sep 25, 2020 | Final Action Date: Dec 18, 2020 | [Approved](#)

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- ▶ ANSI/ASME B29.2M-2007 (R2022), Inverted Tooth (Silent) Chains and Sprockets (reaffirmation of ANSI/ASME B29.2M-2007 (R2017))  
Public Review Date: Feb 4, 2022 | Final Action Date: Apr 25, 2022 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME B29.300-2015 (R2020), Agricultural, Detachable, and Pintle Chains, Attachments, and Sprockets (reaffirmation of ANSI/ASME B29.300-2015)  
Public Review Date: Sep 25, 2020 | Final Action Date: Dec 18, 2020 | [Approved](#)

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- ▶ ANSI/ASME B29.400-2001 (R2018), Combination, H Type Mill Chains and Sprockets (reaffirmation of ANSI/ASME B29.400-2001 (R2013))  
Public Review Date: Feb 9, 2018 | Final Action Date: Apr 20, 2018 | [Approved](#)

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- ▶ ANSI/ASME B29.8-2010 (R2022), Leaf Chains, Clevises, and Sheaves (reaffirmation of ANSI/ASME B29.8-2010 (R2017))  
Public Review Date: Feb 4, 2022 | Final Action Date: Apr 25, 2022 | [Approved](#)

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- ▶ ANSI/ASME B30.1-2020, Jacks, Industrial Rollers, Air Casters, and Hydraulic Gantry (revision of ANSI/ASME B30.1-2009)  
PINS Date: Apr 4, 2014 | Public Review Date: Jan 17, 2020 | Final Action Date: Dec 11, 2020 | [Approved](#)

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- ▶ ANSI/ASME B30.10-2019, Hooks (revision of ANSI/ASME B30.10-2014)  
Public Review Date: Mar 8, 2019 | Final Action Date: Sep 3, 2019 | [Approved](#)

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- ▶ ANSI/ASME B30.12-2011 (R2021), Handling Loads Suspended From Rotorcraft (reaffirmation of ANSI/ASME B30.12-2011)  
Public Review Date: Oct 30, 2020 | Final Action Date: Apr 13, 2021 | [Approved](#)

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- ▶ ANSI/ASME B30.13-2017, Storage/Retrieval (S/R) Machines and Associated Equipment (revision of ANSI/ASME B30.13-2011)  
Public Review Date: Nov 11, 2016 | Final Action Date: Mar 20, 2017 | [Approved](#)

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- ▶ ANSI/ASME B30.13-2022, Storage/Retrieval (S/R) Machines and Associated Equipment (revision of ANSI/ASME B30.13-2017)  
Public Review Date: Oct 22, 2021 | Final Action Date: Mar 1, 2022 | [Approved](#)

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- ▶ ANSI/ASME B30.14-2015 (R2021), Side Boom Tractors (reaffirmation of ANSI/ASME B30.14-2015)  
Public Review Date: Oct 30, 2020 | Final Action Date: Apr 13, 2021 | [Approved](#)

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- ▶ ANSI/ASME B30.16-2017, Overhead Underhung and Stationary Hoists (revision of ANSI/ASME B30.16-2012)  
Public Review Date: May 5, 2017 | Final Action Date: Jul 28, 2017 | [Approved](#)

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- ▶ ANSI/ASME B30.16-2022, Overhead Underhung and Stationary Hoists (revision of ANSI/ASME B30.16-2017)  
Public Review Date: Nov 5, 2021 | Final Action Date: Mar 1, 2022 | [Approved](#)

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- ▶ ANSI/ASME B30.17-2020, Cranes and Monorails (With Underhung Trolley or Bridge) (revision of ANSI/ASME B30.17-2015)  
Public Review Date: Oct 30, 2020 | Final Action Date: Dec 21, 2020 | [Approved](#)

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- ▶ ANSI/ASME B30.18-2021, Stacker Cranes (Top or Under Running Bridge, Multiple Girder With Top or Under Running Trolley Hoist) (revision of ANSI/ASME B30.18-2016)  
Public Review Date: Feb 19, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ ANSI/ASME B30.19-2016 (R2021), Cableways (reaffirmation of ANSI/ASME B30.19-2016)  
Public Review Date: Mar 19, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ ANSI/ASME B30.2-2022, Overhead and Gantry Cranes (Top Running Bridge, Top Running Hoist) (revision of ANSI/ASME B30.2-2016)  
Public Review Date: Sep 24, 2021 | Final Action Date: Feb 18, 2022 | [Approved](#)

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- ▶ ANSI/ASME B30.20-2018, Below the Hook Lifting Devices (revision of ANSI/ASME B30.20-2013)  
Public Review Date: Aug 11, 2017 | Final Action Date: Apr 24, 2018 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME B30.20-2021, Below-the-Hook Lifting Devices (revision of ANSI/ASME B30.20-2018)  
Public Review Date: Feb 26, 2021 | Final Action Date: Sep 24, 2021 | [Approved](#)

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- ▶ ANSI/ASME B30.21-2014 (R2019), Lever Hoists (formerly Manually Lever Operated Hoists) (reaffirmation of ANSI/ASME B30.21-2014)  
Public Review Date: Dec 7, 2018 | Final Action Date: Oct 29, 2019 | [Approved](#)

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- ▶ ANSI/ASME B30.22-2016, Articulating Boom Cranes (revision of ANSI/ASME B30.22-2010)  
Public Review Date: Aug 28, 2015 | Final Action Date: Apr 26, 2016 | [Approved](#)

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- ▶ ANSI/ASME B30.23-2022, Personnel Lifting (revision of ANSI/ASME B30.23-2016)  
Public Review Date: Sep 24, 2021 | Final Action Date: Feb 22, 2022 | [Approved](#)

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- ▶ ANSI/ASME B30.24-2018, Container Cranes (revision of ANSI/ASME B30.24-2013)  
Public Review Date: Apr 13, 2018 | Final Action Date: Aug 21, 2018 | [Approved](#)

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- ▶ ANSI/ASME B30.25-2018, Scrap and Material Handlers (revision of ANSI/ASME B30.25-2013)  
Public Review Date: Feb 23, 2018 | Final Action Date: Jun 8, 2018 | [Approved](#)

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- ▶ ANSI/ASME B30.26-2015 (R2020), Rigging Hardware (reaffirmation of ANSI/ASME B30.26-2015)  
Public Review Date: May 1, 2020 | Final Action Date: Jul 9, 2020 | [Approved](#)

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- ▶ ANSI/ASME B30.27-2019, Material Placement Systems (revision of ANSI/ASME B30.27-2014)  
PINS Date: Feb 22, 2019 | Public Review Date: Apr 26, 2019 | Final Action Date: Nov 20, 2019 | [Approved](#)

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- ▶ ANSI/ASME B30.28-2015 (R2020), Balance Lifting Units (reaffirmation of ANSI/ASME B30.28-2015)  
Public Review Date: Jan 17, 2020 | Final Action Date: Jun 12, 2020 | [Approved](#)

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- ▶ ANSI/ASME B30.29-2018, Self-Erecting Tower Cranes (revision of ANSI/ASME B30.29-2012)  
Public Review Date: Sep 22, 2017 | Final Action Date: Jan 17, 2018 | [Approved](#)

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- ▶ ANSI/ASME B30.3-2016, Tower Cranes (revision of ANSI/ASME B30.3-2012)  
Public Review Date: Nov 13, 2015 | Final Action Date: Feb 3, 2016 | [Approved](#)

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- ▶ ANSI/ASME B30.3-2019, Tower Cranes (revision of ANSI/ASME B30.3-2016)  
Public Review Date: Feb 1, 2019 | Final Action Date: Dec 11, 2019 | [Approved](#)

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- ▶ ANSI/ASME B30.30-2019, Ropes (new standard)  
PINS Date: Aug 5, 2011 | Public Review Date: Apr 6, 2018 | Final Action Date: Jan 29, 2019 | [Approved](#)

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- ▶ ANSI/ASME B30.32-2021, Unmanned Aircraft Systems (UAS) used in Inspection, Testing, Maintenance and Load-Handling Operations (new standard)  
PINS Date: Nov 10, 2017 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 21, 2021 | [Approved](#)

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- ▶ ANSI/ASME B30.4-2020 , Portal, and Pedestal Cranes (revision of ANSI/ASME B30.4-2015)  
Public Review Date: Feb 21, 2020 | Final Action Date: Jul 16, 2020 | [Approved](#)

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- ▶ ANSI/ASME B30.5-2018, Mobile and Locomotive Cranes (revision of ANSI/ASME B30.5-2014)  
Public Review Date: Sep 15, 2017 | Final Action Date: Jun 12, 2018 | [Approved](#)

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- ▶ ANSI/ASME B30.5-2021, Mobile and Locomotive Cranes (revision of ANSI/ASME B30.5-2018)  
Public Review Date: Mar 26, 2021 | Final Action Date: Sep 27, 2021 | [Approved](#)

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- ▶ ANSI/ASME B30.6-2020, Derricks (revision of ANSI/ASME B30.6-2015)  
Public Review Date: Jan 24, 2020 | Final Action Date: Jul 9, 2020 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME B30.7-2021, Winches (revision of ANSI/ASME B30.7-2016)  
Public Review Date: Mar 26, 2021 | Final Action Date: Sep 23, 2021 | [Approved](#)

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- ▶ ANSI/ASME B30.8-2020, Floating Cranes and Floating Derricks (revision of ANSI/ASME B30.8-2015)  
Public Review Date: Jan 3, 2020 | Final Action Date: Jun 11, 2020 | [Approved](#)

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- ▶ ANSI/ASME B30.9-2018, Slings (revision of ANSI/ASME B30.9-2014)  
Public Review Date: Nov 17, 2017 | Final Action Date: Mar 23, 2018 | [Approved](#)

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- ▶ ANSI/ASME B30.9-2021, Slings (revision of ANSI/ASME B30.9-2018)  
Public Review Date: Feb 19, 2021 | Final Action Date: Sep 9, 2021 | [Approved](#)

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- ▶ ANSI/ASME B31.1-2018, Power Piping (revision of ANSI/ASME B31.1-2016)  
Public Review Date: Jan 26, 2018 | Final Action Date: Jun 27, 2018 | [Approved](#)

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- ▶ ANSI/ASME B31.1-2020, Power Piping (revision of ANSI/ASME B31.1-2018)  
Public Review Date: Mar 13, 2020 | Final Action Date: Jun 10, 2020 | [Approved](#)

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- ▶ ANSI/ASME B31.1-2022, Power Piping (revision of ANSI/ASME B31.1-2020)  
Public Review Date: Jun 17, 2022 | Final Action Date: Aug 8, 2022 | [Approved](#)

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- ▶ ANSI/ASME B31.12-2019, Hydrogen Piping and Pipelines (revision of ANSI/ASME B31.12-2014)  
Public Review Date: Dec 21, 2018 | Final Action Date: Mar 19, 2019 | [Approved](#)

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- ▶ ANSI/ASME B31.3-2018, Process Piping (revision of ANSI/ASME B31.3-2016)  
Public Review Date: Apr 20, 2018 | Final Action Date: Aug 8, 2018 | [Approved](#)

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- ▶ ANSI/ASME B31.3-2020, Process Piping (revision of ANSI/ASME B31.3-2018)  
Public Review Date: May 1, 2020 | Final Action Date: Sep 29, 2020 | [Approved](#)

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- ▶ ANSI/ASME B31.3-2022, Process Piping (revision of ANSI/ASME B31.3-2020)  
Public Review Date: Apr 22, 2022 | Final Action Date: Aug 24, 2022 | [Approved](#)

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- ▶ ANSI/ASME B31.4-2022, Pipeline Transportation Systems for Liquids and Slurries (revision of ANSI/ASME B31.4-2019)  
Public Review Date: Jun 10, 2022 | Final Action Date: Sep 6, 2022 | [Approved](#)

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- ▶ ANSI/ASME B31.5-2019, Refrigeration Piping and Heat Transfer Components (revision of ANSI/ASME B31.5-2016)  
Public Review Date: Mar 22, 2019 | Final Action Date: Jun 21, 2019 | [Approved](#)

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- ▶ ANSI/ASME B31.5-2022, Refrigeration Piping and Heat Transfer Components (revision of ANSI/ASME B31.5-2019)  
Public Review Date: Jun 24, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)

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- ▶ ANSI/ASME B31.8-2022, Gas Transmission and Distribution Piping Systems (revision of ANSI/ASME B31.8-2020)  
Public Review Date: Jun 17, 2022 | Final Action Date: Oct 17, 2022 | [Approved](#)

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- ▶ ANSI/ASME B31.8S-2022, Managing System Integrity of Gas Pipelines (revision of ANSI/ASME B31.8S-2020)  
Public Review Date: Jun 17, 2022 | Final Action Date: Oct 14, 2022 | [Approved](#)

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- ▶ ANSI/ASME B31.9-2017, Building Services Piping (revision of ANSI/ASME B31.9-2014)  
Public Review Date: May 12, 2017 | Final Action Date: Oct 31, 2017 | [Approved](#)

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- ▶ ANSI/ASME B31.9-2020, Building Services Piping (revision of ANSI/ASME B31.9-2017)  
Public Review Date: Jun 19, 2020 | Final Action Date: Sep 16, 2020 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME B31G-2012 (R2017), Manual for Determining the Remaining Strength of Corroded Pipelines: A Supplement to B31, Code for Pressure Piping (reaffirmation of ANSI/ASME B31G-2012)  
Public Review Date: Sep 16, 2016 | Final Action Date: Sep 12, 2017 | [Approved](#)
- ▶ ANSI/ASME B31J-2017, Standard Test Method for Determining Stress Intensification Factors (i-Factors) for Metallic Piping Components (revision of ANSI/ASME B31J-2008 (R2013))  
Public Review Date: Sep 23, 2016 | Final Action Date: Jan 11, 2017 | [Approved](#)
- ▶ ANSI/ASME B31P-2017, Standard Heat Treatment for Fabrication Processes (new standard)  
PINS Date: Aug 12, 2016 | Public Review Date: Sep 8, 2017 | Final Action Date: Nov 15, 2017 | [Approved](#)
- ▶ ANSI/ASME B31Q-2018, Pipeline Personnel Qualification (revision of ANSI/ASME B31Q-2016)  
Public Review Date: May 18, 2018 | Final Action Date: Aug 30, 2018 | [Approved](#)
- ▶ ANSI/ASME B31Q-2021, Pipeline Personnel Qualification (revision of ANSI/ASME B31Q-2018)  
Public Review Date: Nov 6, 2020 | Final Action Date: Mar 9, 2021 | [Approved](#)
- ▶ ANSI/ASME B31T-2021, Standard Toughness Requirements for Piping (revision of ANSI/ASME B31T-2018)  
Public Review Date: May 28, 2021 | Final Action Date: Jul 15, 2021 | [Approved](#)
- ▶ ANSI/ASME B36.10M-2018, Welded and Seamless Wrought Steel Pipe (revision of ANSI/ASME B36.10M-2015)  
PINS Date: Dec 8, 2017 | Public Review Date: May 11, 2018 | Final Action Date: Sep 6, 2018 | [Approved](#)
- ▶ ANSI/ASME B36.19-2022, Welded And Seamless Wrought Stainless Steel Pipe (revision of ANSI/ASME B36.19M-2018)  
PINS Date: Jun 7, 2019 | Public Review Date: Dec 31, 2021 | Final Action Date: Mar 31, 2022 | [Approved](#)
- ▶ ANSI/ASME B4.1-1967 (R2020), Preferred Limits And Fits For Cylindrical Parts (new standard)  
PINS Date: Apr 4, 2014 | Public Review Date: May 3, 2019 | Final Action Date: Sep 1, 2020 | [Approved](#)
- ▶ ANSI/ASME B4.2-1978 (R2020), Preferred Metric Limits And Fits (new standard)  
PINS Date: Apr 4, 2014 | Public Review Date: May 3, 2019 | Final Action Date: Sep 1, 2020 | [Approved](#)
- ▶ ANSI/ASME B40.100-2022, Pressure Gauges and Gauge Attachments (revision of ANSI/ASME B40.100-2013)  
Public Review Date: Mar 25, 2022 | Final Action Date: Jun 6, 2022 | [Approved](#)
- ▶ ANSI/ASME B40.200-2008 (R2013), Thermometers, Direct Reading and Remote Reading (reaffirmation of ANSI/ASME B40.200-2008)  
Public Review Date: May 10, 2013 | Final Action Date: Oct 14, 2013 | [Approved](#)
- ▶ ANSI/ASME B46.1-2019, Surface Texture, Surface Roughness, Waviness and Lay (revision of ANSI/ASME B46.1-2009)  
PINS Date: Nov 15, 2013 | Public Review Date: Aug 16, 2019 | Final Action Date: Oct 22, 2019 | [Approved](#)
- ▶ ANSI/ASME B47.1-2007 (R2022), Gage Blanks (reaffirmation of ANSI/ASME B47.1-2007 (R2012))  
PINS Date: Dec 23, 2016 | Public Review Date: Dec 17, 2021 | Final Action Date: Feb 28, 2022 | [Approved](#)
- ▶ ANSI/ASME B5.10-1994 (S2019), Machine Tapers (stabilized maintenance of ANSI/ASME B5.10-1994 (R2013))  
Public Review Date: Jan 4, 2019 | Final Action Date: Mar 22, 2019 | [Approved](#)
- ▶ ANSI/ASME B5.11-1964 (R2018), Spindle Noses and Adjustable Adapters for Multiple Spindle Drilling Heads (reaffirmation of ANSI/ASME B5.11-1964 (R2013))  
Public Review Date: Mar 30, 2018 | Final Action Date: Aug 13, 2018 | [Approved](#)
- ▶ ANSI/ASME B5.18-1972 (S2019), Spindle Noses and Tool Shanks for Milling Machines (stabilized maintenance of ANSI/ASME B5.18-1972 (R2014))  
Public Review Date: Jan 4, 2019 | Final Action Date: Mar 22, 2019 | [Approved](#)

**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME B5.1M-1985 (S2019), T-Slots – Their Bolts, Nuts, and Tongues (stabilized maintenance of ANSI/ASME B5.1M-1985 (R2014))  
Public Review Date: Feb 22, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/ASME B5.35-1983 (R2018), Machine Mounting Specifications for Abrasive Discs and Plate Mounted Wheels (reaffirmation of ANSI/ASME B5.35-1983 (R2013))  
Public Review Date: Mar 30, 2018 | Final Action Date: Aug 13, 2018 | [Approved](#)

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- ▶ ANSI/ASME B5.40-1977 (S2019), Spindle Noses and Tool Shanks for Horizontal Boring Machines (stabilized maintenance of ANSI/ASME B5.40-1977 (R2013))  
Public Review Date: Jan 4, 2019 | Final Action Date: Mar 22, 2019 | [Approved](#)

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- ▶ ANSI/ASME B5.47-1972 (R2018), Milling Machine Arbor Assemblies (reaffirmation of ANSI/ASME B5.47-1972 (R2013))  
Public Review Date: Mar 30, 2018 | Final Action Date: Aug 13, 2018 | [Approved](#)

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- ▶ ANSI/ASME B5.48-1977 (S2018), Ball Screws (stabilized maintenance of ANSI/ASME B5.48-1977 (R2013))  
Public Review Date: Apr 6, 2018 | Final Action Date: Aug 21, 2018 | [Approved](#)

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- ▶ ANSI/ASME B5.50-2015, 7/24 Taper Tool to Spindle Connection for Automatic Tool Change (revision of ANSI/ASME B5.50-2009)  
PINS Date: Nov 29, 2013 | Public Review Date: Mar 13, 2015 | Final Action Date: May 21, 2015 | [Approved](#)

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- ▶ ANSI/ASME B5.52-2003 (R2019), Power Presses - General Purpose Single Gap Type (reaffirmation of ANSI/ASME B5.52-2003 (R2014))  
Public Review Date: Mar 22, 2019 | Final Action Date: May 23, 2019 | [Approved](#)

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- ▶ ANSI/ASME B5.54-2010 (R2020), Methods for Performance Evaluation of Computer Numerically Controlled Machining Centers (reaffirmation of ANSI/ASME B5.54-2010 (R2015))  
Public Review Date: Mar 13, 2020 | Final Action Date: Jun 18, 2020 | [Approved](#)

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- ▶ ANSI/ASME B5.55M-1994 (S2018), Specification and Performance Standard, Power Press Brakes (stabilized maintenance of ANSI/ASME B5.55M-1994 (R2013))  
Public Review Date: Apr 6, 2018 | Final Action Date: Aug 21, 2018 | [Approved](#)

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- ▶ ANSI/ASME B5.56M-1994 (R2019), Specification and Performance Standard, Power Shears (reaffirm a national adoption ANSI/ASME B5.56M-1994 (R2014))  
Public Review Date: Mar 22, 2019 | Final Action Date: May 23, 2019 | [Approved](#)

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- ▶ ANSI/ASME B5.57-2012 (R2022), Methods for Performance Evaluation of Computer Numerically Controlled Lathes and Turning Centers (reaffirmation of ANSI/ASME B5.57-2012 (R2017))  
Public Review Date: Apr 15, 2022 | Final Action Date: Jun 23, 2022 | [Approved](#)

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- ▶ ANSI/ASME B5.60-2014 (R2019), Workholding Chucks: Jaw Type Chucks (reaffirmation of ANSI/ASME B5.60-2014)  
Public Review Date: Apr 19, 2019 | Final Action Date: Jun 28, 2019 | [Approved](#)

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- ▶ ANSI/ASME B5.61-2003 (R2019), Power Presses - General Purpose Single Action Straight Side Type (reaffirmation of ANSI/ASME B5.61-2003 (R2014))  
Public Review Date: Mar 22, 2019 | Final Action Date: May 23, 2019 | [Approved](#)

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- ▶ ANSI/ASME B5.62M-2016 (R2022), Hollow Taper Tooling With Flange-Face Contact (reaffirmation and redesignation of ANSI/ASME B5.62-2016)  
Public Review Date: Nov 19, 2021 | Final Action Date: Jan 21, 2022 | [Approved](#)

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- ▶ ANSI/ASME B5.64-2022, Methods for the Performance Evaluation of Single Axis Linear Positioning Systems. (new standard)  
PINS Date: Nov 6, 2015 | Public Review Date: Oct 21, 2022 | Final Action Date: Dec 5, 2022 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME B5.8-2001 (S2022), Chucks and Chuck Jaws (stabilized maintenance of ANSI/ASME B5.8-2001 (R2016))  
Public Review Date: Apr 15, 2022 | Final Action Date: Jun 24, 2022 | [Approved](#)

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- ▶ ANSI/ASME B5.9-1967 (S2019), Spindle Noses for Tool Room Lathes, Engine Lathes, Turret Lathes, and Automatic Lathes (stabilized maintenance of ANSI/ASME B5.9-1967 (R2014))  
Public Review Date: Jan 4, 2019 | Final Action Date: Mar 22, 2019 | [Approved](#)

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- ▶ ANSI/ASME B73.1-2020, Specification for Horizontal End Suction Centrifugal Pumps for Chemical Process (revision of ANSI/ASME B73.1-2012)  
PINS Date: May 26, 2017 | Public Review Date: Jan 17, 2020 | Final Action Date: Mar 19, 2020 | [Approved](#)

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- ▶ ANSI/ASME B73.2-2016, Specification for Vertical In-Line Centrifugal Pumps for Chemical Process (revision of ANSI/ASME B73.2-2003 (R2008))  
PINS Date: Sep 21, 2012 | Public Review Date: Aug 19, 2016 | Final Action Date: Nov 16, 2016 | [Approved](#)

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- ▶ ANSI/ASME B73.3-2022, Specification for Sealless Horizontal End Suction Metallic Centrifugal Pumps for Chemical Process (revision of ANSI/ASME B73.3-2015)  
Public Review Date: May 13, 2022 | Final Action Date: Jul 25, 2022 | [Approved](#)

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- ▶ ANSI/ASME B89.1.10M-2001 (R2021), Dial Indicators for Linear Measurements (reaffirmation of ANSI/ASME B89.1.10M-2001 (R2016))  
Public Review Date: Aug 20, 2021 | Final Action Date: Oct 28, 2021 | [Approved](#)

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- ▶ ANSI/ASME B89.1.13-2013 (R2022), Micrometers (reaffirmation of ANSI/ASME B89.1.13-2013)  
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- ▶ ANSI/ASME B89.1.14-2018 (R2023), Calipers (reaffirmation of ANSI/ASME B89.1.14-2018)  
Public Review Date: Nov 18, 2022 | Final Action Date: Jan 20, 2023 | [Approved](#)

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- ▶ ANSI/ASME B89.1.17-2001 (R2017), Measurement of Thread Measuring Wires (reaffirmation of ANSI/ASME B89.1.17-2001 (R2007))  
PINS Date: Jun 8, 2012 | Public Review Date: Jun 16, 2017 | Final Action Date: Aug 21, 2017 | [Approved](#)

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- ▶ ANSI/ASME B89.1.5-1998 (R2019), Measurement of Plain External Diameters for Use as Master Discs or Cylindrical Plug Gages (reaffirmation of ANSI/ASME B89.1.5-1998 (R2014))  
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- ▶ ANSI/ASME B89.1.6-2002 (R2022), Measurement of Plain Internal Diameters for Use as Master Rings or Ring Gages (reaffirmation of ANSI/ASME B89.1.6-2002 (R2017))  
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- ▶ ANSI/ASME B89.1.7-2009 (R2019), Performance Standard For Steel Measuring Tapes (reaffirmation of ANSI/ASME B89.1.7-2009 (R2014))  
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- ▶ ANSI/ASME B89.1.8-2011 (R2021), Performance Evaluation of Displacement-Measuring Laser Interferometers (reaffirmation of ANSI/ASME B89.1.8-2011 (R2016))  
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- ▶ ANSI/ASME B89.1.9-2002 (R2012), Gage Blocks (reaffirmation of ANSI/ASME B89.1.9-2002 (R2007))  
Public Review Date: Sep 14, 2012 | Final Action Date: Nov 29, 2012 | [Approved](#)

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- ▶ ANSI/ASME B89.3.4-2010 (R2019), Axes of Rotation: Methods for Specifying and Testing (reaffirmation of ANSI/ASME B89.3.4-2010 (R2015))  
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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME B89.3.7-2013 (R2018), Granite Surface Plates (reaffirmation of ANSI/ASME B89.3.7-2013)  
Public Review Date: Apr 27, 2018 | Final Action Date: Jul 20, 2018 | [Approved](#)

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- ▶ ANSI/ASME B89.4.10-2021, Methods for Performance Evaluation of Coordinate Measuring System Software (revision of ANSI/ASME B89.4.10-2000 (R2011))  
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- ▶ ANSI/ASME B89.4.19-2021, Performance Evaluation of Laser-Based Spherical Coordinate Measurement Systems (revision of ANSI/ASME B89.4.19-2006 (R2015))  
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- ▶ ANSI/ASME B89.4.22-2004 (R2019), Methods for Performance Evaluation of Articulated Arm Coordinate Measuring Machines (CMM) (reaffirmation of ANSI/ASME B89.4.22-2004 (2014))  
Public Review Date: Nov 30, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ ANSI/ASME B89.4.23-2020, X -Ray Computed Tomography (Ct) Performance Evaluation Standard (new standard)  
PINS Date: Nov 11, 2016 | Public Review Date: Jun 26, 2020 | Final Action Date: Sep 3, 2020 | [Approved](#)

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- ▶ ANSI/ASME B89.6.2-1973 (R2017), Temperature and Humidity Environment for Dimensional Measurement (reaffirmation of ANSI/ASME B89.6.2-1973 (R2012))  
Public Review Date: May 5, 2017 | Final Action Date: Jul 11, 2017 | [Approved](#)

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- ▶ ANSI/ASME B89.7.2-2014 (R2019), Dimensional Measurement Planning (reaffirmation of ANSI/ASME B89.7.2-2014)  
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- ▶ ANSI/ASME B89.7.3.1-2001 (R2019), Guidelines For Decision Rules: Considering Measurement Uncertainty in Determining Conformance to Specifications (reaffirmation of ANSI/ASME B89.7.3.1-2001 (R2011))  
Public Review Date: May 31, 2019 | Final Action Date: Aug 1, 2019 | [Approved](#)

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- ▶ ANSI/ASME B89.7.3.3-2002 (R2022), Guidelines for Assessing the Reliability of Dimensional Measurement Uncertainty Statements (reaffirmation of ANSI/ASME B89.7.3.3-2002 (R2017))  
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- ▶ ANSI/ASME B89.7.6-2019 , Guidelines for the Evaluation of Uncertainty of Test Values Associated with the Verification of Dimensional Measuring Instruments to their Accuracy Specifications (new standard)  
PINS Date: Sep 15, 2017 | Public Review Date: Sep 27, 2019 | Final Action Date: Oct 31, 2019 | [Approved](#)

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- ▶ ANSI/ASME B94.19-1997 (R2019), Milling Cutters and End Mills (reaffirmation of ANSI/ASME B94.19-1997 (R2014))  
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- ▶ ANSI/ASME B94.2-1995 (R2020), Reamers (reaffirmation of ANSI/ASME B94.2-1995 (R2015))  
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- ▶ ANSI/ASME B94.33-1996 (S2016), Jig Bushings (stabilized maintenance of ANSI/ASME B94.33-1996 (R2015))  
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- ▶ ANSI/ASME B94.33.1-1997 (S2016) , Jig Bushings, Metric (stabilized maintenance of ANSI/ASME B94.33.1-1997 (R2015))  
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- ▶ ANSI/ASME B94.35-1972 (R2020), Drill Drivers, Split-sleeve, Collet Type (reaffirmation of ANSI/ASME B94.35-1972 (R2015))  
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- ▶ ANSI/ASME B94.49-1975 (R2020), Spade Drill Blades And Spade Drill Holders (reaffirmation of ANSI/ASME B94.49-1975 (R2010))  
PINS Date: Dec 7, 2012 | Public Review Date: Mar 13, 2020 | Final Action Date: Jun 18, 2020 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME B94.51M-2010 (S2016), Specifications for Band Saw Blades (Metal Cutting) (stabilized maintenance of ANSI/ASME B94.51M-2010 (R2015))

Public Review Date: Feb 5, 2016 | Final Action Date: May 18, 2016 | [Approved](#)

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- ▶ ANSI/ASME B94.52M-1999 (S2016) , Specifications for Hacksaw Blades (stabilized maintenance of ANSI/ASME B94.52M-1999 (R2015) )

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- ▶ ANSI/ASME B94.54-1999 (R2020), Specifications for Hole Saws, Hole Saw Arbors, and Hole Saw Accessories (reaffirmation of ANSI/ASME B94.54-1999 (R2015))

Public Review Date: Mar 13, 2020 | Final Action Date: Jun 18, 2020 | [Approved](#)

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- ▶ ANSI/ASME B94.55M-1985 (R2019), Tool Life Testing with Single-Point Turning Tools (reaffirmation of ANSI/ASME B94.55M-1985 (R2014))

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- ▶ ANSI/ASME B94.6-1984 (S2016), Knurling (stabilized maintenance of ANSI/ASME B94.6-1984 (R2014))

Public Review Date: Dec 18, 2015 | Final Action Date: May 18, 2016 | [Approved](#)

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- ▶ ANSI/ASME B94.7-1980 (S2016), Hobs (stabilized maintenance of ANSI/ASME B94.7-1980 (R2015))

Public Review Date: Dec 18, 2015 | Final Action Date: May 18, 2016 | [Approved](#)

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- ▶ ANSI/ASME B94.9-2008 (R2018), Taps: Ground and Cut Threads with Cut Thread Appendix (Inch and Metric Sizes) (reaffirmation of ANSI/ASME B94.9-2008 (R2013))

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- ▶ ANSI/ASME BPE-2016, Bioprocessing Equipment (revision of ANSI/ASME BPE-2014)

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- ▶ ANSI/ASME BPE-2019, Bioprocessing Equipment (revision of ANSI/ASME BPE-2014)

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- ▶ ANSI/ASME BPE-2022, Bioprocessing Equipment (revision of ANSI/ASME BPE-2019)

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- ▶ ANSI/ASME BPVC Section I-2017 , Rules for Construction of Power Boilers (revision of ANSI/ASME BPVC Section I -2015)

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- ▶ ANSI/ASME BPVC Section I-2019, Rules For Construction Of Power Boilers (revision of ANSI/ASME BPVC Section I -2017 )

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- ▶ ANSI/ASME BPVC Section I-2021, Rules for Construction of Power Boilers (revision of ANSI/ASME BPVC Section I -2019)

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- ▶ ANSI/ASME BPVC Section II-2017, Part C - Specifications for Welding Rods, Electrodes, and Filler Metals (revision of ANSI/ASME BPVC Section II-2015)

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- ▶ ANSI/ASME BPVC Section II-2019, Part C - Specifications for Welding Rods, Electrodes, and Filler Metals (revision of ANSI/ASME BPVC Section II-2017)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME BPVC Section II-2019 (Parts A, B, and D), Part A - Ferrous Material Specifications; Part B - Nonferrous Material Specifications; Part D - Materials Properties (revision of ANSI/ASME BPVC Section II-2017 (Parts A, B, and D))  
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- ▶ ANSI/ASME BPVC Section II-2021, Part C - Specifications for Welding Rods, Electrodes, and Filler Metals (revision of ANSI/ASME BPVC Section II-2019)  
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- ▶ ANSI/ASME BPVC Section II-2021, Part A - Ferrous Material SpecificationsPart B - Nonferrous Material SpecificationsPart D - Materials Properties (revision of ANSI/ASME BPVC Section II-2019)  
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- ▶ ANSI/ASME BPVC Section III-2017 , Rules for Construction of Nuclear Facility Components (revision of ANSI/ASME BPVC Section III-2015)  
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- ▶ ANSI/ASME BPVC Section III-2019, Rules for Construction of Nuclear Facility Components (revision of ANSI/ASME BPVC Section III-2017 )  
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- ▶ ANSI/ASME BPVC Section III-2021, Rules for Construction of Nuclear Facility Components (revision of ANSI/ASME BPVC Section III-2019)  
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- ▶ ANSI/ASME BPVC Section IV-2017, Rules for Construction of Heating Boilers (revision of ANSI/ASME BPVC Section IV-2015)  
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- ▶ ANSI/ASME BPVC Section IV-2019, Rules for Construction of Heating Boilers (revision of ANSI/ASME BPVC Section IV-2017)  
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- ▶ ANSI/ASME BPVC Section IV-2021, Rules for Construction of Heating Boilers (revision of ANSI/ASME BPVC Section IV-2019)  
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- ▶ ANSI/ASME BPVC Section IX-2017, Welding, Brazing and Fusing Qualifications (revision of ANSI/ASME BPVC Section IX-2015)  
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- ▶ ANSI/ASME BPVC Section IX-2019, Welding, Brazing and Fusing Qualifications (revision of ANSI/ASME BPVC Section IX-2017)  
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- ▶ ANSI/ASME BPVC Section IX-2021, Welding, Brazing and Fusing Qualifications (revision of ANSI/ASME BPVC Section IX-2019)  
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- ▶ ANSI/ASME BPVC Section V-2017, Nondestructive Examination (revision of ANSI/ASME BPVC Section V-2015)  
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- ▶ ANSI/ASME BPVC Section V-2019, Nondestructive Examination (revision of ANSI/ASME BPVC Section V-2017)  
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- ▶ ANSI/ASME BPVC Section V-2021, Nondestructive Examination (revision of ANSI/ASME BPVC Section V-2019)  
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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME BPVC Section VI-2017, Recommended Rules for the Care and Operation of Heating Boilers (revision of ANSI/ASME BPVC Section VI-2015)

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- ▶ ANSI/ASME BPVC Section VI-2019, Recommended Rules for the Care and Operation of Heating Boilers (revision of ANSI/ASME BPVC Section VI-2017)

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- ▶ ANSI/ASME BPVC Section VI-2021, Recommended Rules for the Care and Operation of Heating Boilers (revision of ANSI/ASME BPVC Section VI-2019)

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- ▶ ANSI/ASME BPVC Section VII-2019, Recommended Guidelines for the Care of Power Boilers (revision of ANSI/ASME BPVC Section VII-2017 )

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- ▶ ANSI/ASME BPVC Section VII-2021, Recommended Guidelines for the Care of Power Boilers (revision of ANSI/ASME BPVC Section VII-2019)

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- ▶ ANSI/ASME BPVC Section VIII-2019, Rules for Construction of Pressure Vessels (revision of ANSI/ASME BPVC Section VIII-2017 )

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- ▶ ANSI/ASME BPVC Section VIII-2021, Rules for Construction of Pressure Vessels (revision of ANSI/ASME BPVC Section VIII-2019)

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- ▶ ANSI/ASME BPVC Section X-2017, Fiber-Reinforced Plastic Pressure Vessels (revision of ANSI/ASME BPVC Section X-2015)

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- ▶ ANSI/ASME BPVC Section X-2019, Fiber-Reinforced Plastic Pressure Vessels (revision of ANSI/ASME BPVC Section X-2017)

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- ▶ ANSI/ASME BPVC Section X-2021, Fiber-Reinforced Plastic Pressure Vessels (revision of ANSI/ASME BPVC Section X-2019)

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- ▶ ANSI/ASME BPVC Section XI-2019, Rules for Inservice Inspection of Nuclear Power Plant Components (revision of ANSI/ASME BPVC Section XI-2017)

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- ▶ ANSI/ASME BPVC Section XI-2021, Section XI Rules for Inservice Inspection of Nuclear Power Plant Components (revision of ANSI/ASME BPVC Section XI-2019)

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- ▶ ANSI/ASME BPVC Section XII-2017, Rules for Construction and Continued Service of Transport Tanks (revision of ANSI/ASME BPVC Section XII-2015)

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- ▶ ANSI/ASME BPVC Section XII-2019, Rules for Construction and Continued Service of Transport Tanks (revision of ANSI/ASME BPVC Section XII-2017)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME BPVC Section XII-2021, Rules for Construction and Continued Service of Transport Tanks (revision of ANSI/ASME BPVC Section XII-2019)

Public Review Date: Jan 22, 2021 | Final Action Date: Feb 25, 2021 | [Approved](#)

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- ▶ ANSI/ASME BPVC Section XIII-2021, Rules for Overpressure Protection (new standard)

PINS Date: Jan 20, 2017 | Public Review Date: Dec 25, 2020 | Final Action Date: Feb 22, 2021 | [Approved](#)

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- ▶ ANSI/ASME BTH-1-2017 , Design of Below-the-Hook Lifting Devices (revision of ANSI/ASME BTH-1-2014)

Public Review Date: Aug 26, 2016 | Final Action Date: Jan 6, 2017 | [Approved](#)

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- ▶ ANSI/ASME BTH-1-2020, Design of Below-the-Hook Lifting Devices (revision of ANSI/ASME BTH-1-2017 )

Public Review Date: Sep 18, 2020 | Final Action Date: Dec 9, 2020 | [Approved](#)

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- ▶ ANSI/ASME CSD-1-2018, Controls and Safety Devices for Automatically Fired Boilers (revision of ANSI/ASME CSD-1-2015)

Public Review Date: Jan 26, 2018 | Final Action Date: Aug 23, 2018 | [Approved](#)

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- ▶ ANSI/ASME CSD-1-2021, Controls and Safety Devices for Automatically Fired Boilers (revision of ANSI/ASME CSD-1-2018)

Public Review Date: Jun 25, 2021 | Final Action Date: Sep 21, 2021 | [Approved](#)

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- ▶ ANSI/ASME EA-1-2009 (R2019), Energy Assessment For Process Heating Systems (reaffirmation of ANSI/ASME EA-1-2009 (R2014))

Public Review Date: Aug 23, 2019 | Final Action Date: Nov 15, 2019 | [Approved](#)

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- ▶ ANSI/ASME EA-3-2009 (R2019), Energy Assessment of Industrial Steam Systems (reaffirmation of ANSI/ASME EA-3-2009 (R2014))

Public Review Date: Aug 23, 2019 | Final Action Date: Nov 15, 2019 | [Approved](#)

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- ▶ ANSI/ASME EA-4-2010 (R2020), Energy Assessment for Compressed Air Systems (reaffirmation of ANSI/ASME EA-4-2010 (R2015))

Public Review Date: May 8, 2020 | Final Action Date: Jul 14, 2020 | [Approved](#)

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- ▶ ANSI/ASME HRT-1-2016 (R2021), Rules for Hoisting, Rigging, and Transporting Equipment for Nuclear Facilities (reaffirmation of ANSI/ASME HRT-1-2016)

Public Review Date: Mar 19, 2021 | Final Action Date: May 20, 2021 | [Approved](#)

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- ▶ ANSI/ASME HST-1-2017, Performance Standard for Electric Chain Hoists (revision of ANSI/ASME HST-1-2012)

PINS Date: Aug 9, 2013 | Public Review Date: Sep 1, 2017 | Final Action Date: Nov 17, 2017 | [Approved](#)

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- ▶ ANSI/ASME HST-2-2018, Performance Standard for Hand Chain Manually Operated Chain Hoists (revision of ANSI/ASME HST-2-2014)

PINS Date: Jul 3, 2015 | Public Review Date: Aug 3, 2018 | Final Action Date: Oct 30, 2018 | [Approved](#)

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- ▶ ANSI/ASME HST-3-2022, Performance Standard for Lever Hoists (revision of ANSI/ASME HST-3-2017)

PINS Date: Jan 29, 2021 | Public Review Date: Jan 28, 2022 | Final Action Date: Mar 31, 2022 | [Approved](#)

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- ▶ ANSI/ASME HST-4-2021, Performance Standard for Overhead Electric Wire Rope Hoists (revision of ANSI/ASME HST-4-2016)

PINS Date: Nov 29, 2019 | Public Review Date: Apr 23, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ ANSI/ASME HST-5-2020, Performance Standard for Air Chain Hoists (revision of ANSI/ASME HST-5-2014)

PINS Date: Jul 3, 2015 | Public Review Date: Jan 31, 2020 | Final Action Date: Apr 2, 2020 | [Approved](#)

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- ▶ ANSI/ASME HST-6-2020, Performance Standard for Air Wire Rope Hoists (revision of ANSI/ASME HST-6-2015)

PINS Date: Mar 25, 2016 | Public Review Date: Jul 10, 2020 | Final Action Date: Sep 11, 2020 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME MBE-1-2022, Framework (new standard)  
PINS Date: Jun 15, 2018 | Public Review Date: Nov 19, 2021 | Final Action Date: Apr 5, 2022 | [Approved](#)

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- ▶ ANSI/ASME MFC 21.1-2015 (R2020), Measurement of Gas Flow by Means of Capillary Tube Thermal Mass Flowmeters and Mass Flow Controllers (reaffirmation of ANSI/ASME MFC 21.1-2015)  
Public Review Date: Mar 13, 2020 | Final Action Date: May 15, 2020 | [Approved](#)

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- ▶ ANSI/ASME MFC-1-2014, Glossary of Terms Used in the Measurement of Fluid Flow in Pipes (revision and redesignation of ANSI/ASME MFC-1M-2003 (R2008))  
PINS Date: Apr 20, 2012 | Public Review Date: May 23, 2014 | Final Action Date: Aug 1, 2014 | [Approved](#)

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- ▶ ANSI/ASME MFC-10M-2000 (R2021), Method For Establishing Installation Effects On Flow Meters (reaffirmation of ANSI/ASME MFC-10M-2000 (R2011))  
PINS Date: Jul 17, 2015 | Public Review Date: Jun 4, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ ANSI/ASME MFC-11M-2006 (R2014), Measurement of Fluid Flow in Closed Conduits by Means of Coriolis Mass Flowmeters (reaffirmation of ANSI/ASME MFC-11M-2006)  
Public Review Date: Jan 31, 2014 | Final Action Date: Apr 15, 2014 | [Approved](#)

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- ▶ ANSI/ASME MFC-12M-2006 (R2014), Measurement of Fluid Flow in Closed Conduits Using Multiport Averaging Pitot Primary Elements (reaffirmation of ANSI/ASME MFC-12M-2006)  
Public Review Date: Jan 31, 2014 | Final Action Date: Apr 15, 2014 | [Approved](#)

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- ▶ ANSI/ASME MFC-14M-2003 (R2018), Measurement of Fluid Flow Using Small Bore Precision Orifice Meters (reaffirmation of ANSI/ASME MFC-14M-2003 (R2008))  
Public Review Date: Feb 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASME MFC-16-2014 (R2019), Measurement of Fluid Flow in Closed Conduit by Means of Electromagnetic Flowmeters (reaffirmation of ANSI/ASME MFC-16-2014)  
Public Review Date: Jan 4, 2019 | Final Action Date: Mar 14, 2019 | [Approved](#)

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- ▶ ANSI/ASME MFC-18M-2001 (R2016) , Measurement of Fluid Flow Using Variable Area Meter (reaffirmation of ANSI/ASME MFC-18M-2001 (R2011))  
Public Review Date: Jul 8, 2016 | Final Action Date: Sep 23, 2016 | [Approved](#)

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- ▶ ANSI/ASME MFC-21.2-2010 (R2018), Thermal Mass Meters - Dispersion Flowmeters (reaffirmation of ANSI/ASME MFC-21.2-2010)  
Public Review Date: Jul 20, 2018 | Final Action Date: Sep 25, 2018 | [Approved](#)

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- ▶ ANSI/ASME MFC-22-2007 (2014), Measurement of Liquid by Turbine Flowmeters (reaffirmation of ANSI/ASME MFC-22-2007)  
Public Review Date: Jan 31, 2014 | Final Action Date: Apr 15, 2014 | [Approved](#)

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- ▶ ANSI/ASME MFC-26-2018, Measurement of Gas Flow by Bellmouth Inlet Flowmeters (reaffirmation of ANSI/ASME MFC-26-2011)  
Public Review Date: Jul 20, 2018 | Final Action Date: Sep 25, 2018 | [Approved](#)

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- ▶ ANSI/ASME MFC-3M-2004 (R2017), Measurement of Fluid Flow in Pipes Using Orifice, Nozzle, and Venturi (reaffirmation of ANSI/ASME MFC-3M-2004)  
Public Review Date: Feb 24, 2017 | Final Action Date: May 11, 2017 | [Approved](#)

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- ▶ ANSI/ASME MFC-4M-1986 (R2016), Measurement of Gas Flow by Turbine Meters (reaffirmation of ANSI/ASME MFC-4M-1986 (R2008))  
Public Review Date: Jun 24, 2016 | Final Action Date: Sep 23, 2016 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME MFC-5.1-2011 (R2018), Measurement of Liquid Flow in Closed Conduits Using Transit Time Ultrasonic Flowmeters (reaffirmation of ANSI/ASME MFC-5.1-2011)  
Public Review Date: Jul 6, 2018 | Final Action Date: Sep 20, 2018 | [Approved](#)

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- ▶ ANSI/ASME MFC-5.3-2013 (R2018), Measurement of Liquid Flow in Closed Conduits Using Doppler Ultrasonic Flowmeters (reaffirmation of ANSI/ASME MFC-5.3-2013)  
Public Review Date: Mar 30, 2018 | Final Action Date: Jul 20, 2018 | [Approved](#)

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- ▶ ANSI/ASME MFC-6-2013 (R2018), Measurement of Fluid Flow in Pipes Using Vortex Flow Meters (reaffirmation of ANSI/ASME MFC-6-2013)  
Public Review Date: Mar 30, 2018 | Final Action Date: Jul 18, 2018 | [Approved](#)

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- ▶ ANSI/ASME MFC-7-2016 (R2021), Measurement of Gas Flow by Means of Critical Flow Venturi Nozzles (reaffirmation of ANSI/ASME MFC-7-2016)  
Public Review Date: Mar 12, 2021 | Final Action Date: May 21, 2021 | [Approved](#)

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- ▶ ANSI/ASME MFC-8M-2001 (R2016), Fluid Flow in Closed Conduits - Connections for Pressure Signal Transmission between Primary and Secondary Devices (reaffirmation of ANSI/ASME MFC-8M-2001 (R2011))  
Public Review Date: Jul 8, 2016 | Final Action Date: Oct 11, 2016 | [Approved](#)

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- ▶ ANSI/ASME MFC-9M-1998 (R2021), Measurement Of Liquid Flow In Closed Conduits By Weighing Method (reaffirmation of ANSI/ASME MFC-9M-1998 (R2011))  
Public Review Date: Jun 4, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ ANSI/ASME N511-2017, In-Service Testing of Nuclear Air Treatment, Heating, Ventilating, and Air-Conditioning Systems (revision of ANSI/ASME N511-2007 (R2013))  
PINS Date: Mar 24, 2017 | Public Review Date: May 12, 2017 | Final Action Date: Nov 1, 2017 | [Approved](#)

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- ▶ ANSI/ASME N511-2022, In-Service Testing of Nuclear Air Treatment, Heating, Ventilating, and Air-Conditioning Systems (revision of ANSI/ASME N511-2017)  
PINS Date: Jun 11, 2021 | Public Review Date: Jan 21, 2022 | Final Action Date: Jun 22, 2022 | [Approved](#)

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- ▶ ANSI/ASME NM-2-2022, Fiber-Reinforced Thermosetting-Resin Piping Systems (revision of ANSI/ASME NM-2-2020)  
Public Review Date: Sep 9, 2022 | Final Action Date: Dec 5, 2022 | [Approved](#)

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- ▶ ANSI/ASME NM-3-2018, Nonmetallic Materials (new standard)  
PINS Date: Jan 25, 2013 | Public Review Date: Jul 6, 2018 | Final Action Date: Aug 16, 2018 | [Approved](#)

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- ▶ ANSI/ASME NM-3-2022, Nonmetallic MaterialsPart 1: Thermoplastic Material SpecificationsPart 2: Thermoset Material SpecificationsPart 3: Properties (revision of ANSI/ASME NM-3-2020)  
Public Review Date: Jul 15, 2022 | Final Action Date: Sep 15, 2022 | [Approved](#)

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- ▶ ANSI/ASME NM.1-2022, Thermoplastic Piping Systems (revision of ANSI/ASME NM.1-2020)  
Public Review Date: Jun 24, 2022 | Final Action Date: Aug 18, 2022 | [Approved](#)

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- ▶ ANSI/ASME NML-1-2019, Rules for the Movement of Loads using Overhead Handling Equipment in Nuclear Facilities (new standard)  
PINS Date: Jul 2, 2010 | Public Review Date: Mar 1, 2019 | Final Action Date: Jun 5, 2019 | [Approved](#)

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- ▶ ANSI/ASME NOG-1-2020, Rules for Construction of Overhead and Gantry Cranes (Top Running Bridge, Multiple Girder) (revision of ANSI/ASME NOG-1-2015)  
Public Review Date: Jun 19, 2020 | Final Action Date: Aug 24, 2020 | [Approved](#)

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- ▶ ANSI/ASME NQA-1-2017, Quality Assurance Requirements for Nuclear Facility Applications (revision of ANSI/ASME NQA-1-2015 )  
Public Review Date: Sep 1, 2017 | Final Action Date: Dec 6, 2017 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME NQA-1-2019, Quality Assurance Requirements for Nuclear Facility Applications (revision of ANSI/ASME NQA-1-2017)  
Public Review Date: Apr 12, 2019 | Final Action Date: Sep 4, 2019 | [Approved](#)

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- ▶ ANSI/ASME NQA-1-2022, Quality Assurance Requirements for Nuclear Facility Applications (revision of ANSI/ASME NQA-1-2019)  
Public Review Date: Oct 29, 2021 | Final Action Date: Feb 2, 2022 | [Approved](#)

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- ▶ ANSI/ASME NUM-1-2016, Rules for Construction of Cranes, Monorails, and Hoists (with Bridge or Trolley or Hoist of the Underhung Type) (revision of ANSI/ASME NUM-1-2009)  
Public Review Date: Dec 25, 2015 | Final Action Date: Jun 16, 2016 | [Approved](#)

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- ▶ ANSI/ASME OM-2020, Operation and Maintenance of Nuclear Power Plants (revision of ANSI/ASME OM-2017)  
Public Review Date: Oct 25, 2019 | Final Action Date: May 11, 2020 | [Approved](#)

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- ▶ ANSI/ASME OM-2022, Operation and Maintenance of Nuclear Power Plants (revision of ANSI/ASME OM-2020)  
Public Review Date: Feb 11, 2022 | Final Action Date: Aug 2, 2022 | [Approved](#)

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- ▶ ANSI/ASME P30.1-2019, Planning For Load Handling Activities (revision of ANSI/ASME P30.1-2014)  
PINS Date: Mar 25, 2016 | Public Review Date: Dec 14, 2018 | Final Action Date: May 3, 2019 | [Approved](#)

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- ▶ ANSI/ASME PASE-2019, Safety Standard for Portable Automotive Service Equipment (revision of ANSI/ASME PASE-2014)  
Public Review Date: Nov 9, 2018 | Final Action Date: Mar 25, 2019 | [Approved](#)

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- ▶ ANSI/ASME PCC-1-2019, Guidelines for Pressure Boundary Bolted Flange Joint Assembly (revision of ANSI/ASME PCC-1-2013)  
PINS Date: Dec 2, 2016 | Public Review Date: Oct 5, 2018 | Final Action Date: Jan 17, 2019 | [Approved](#)

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- ▶ ANSI/ASME PCC-1-2022, Standard for Pressure Boundary Bolted Flange Joint Assembly (revision of ANSI/ASME PCC-1-2019)  
PINS Date: Jun 4, 2021 | Public Review Date: Jun 10, 2022 | Final Action Date: Aug 18, 2022 | [Approved](#)

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- ▶ ANSI/ASME PCC-2-2018, Repair of Pressure Equipment and Piping (revision, redesignation and consolidation of ANSI/ASME PCC-2-2015, ANSI/ASME PCC-2-Supplement-2015)  
Public Review Date: Feb 16, 2018 | Final Action Date: Aug 8, 2018 | [Approved](#)

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- ▶ ANSI/ASME PCC-2-2022, Repair of Pressure Equipment and Piping (revision of ANSI/ASME PCC-2-2018)  
Public Review Date: Jan 21, 2022 | Final Action Date: Apr 4, 2022 | [Approved](#)

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- ▶ ANSI/ASME PCC-3-2022, Inspection Planning Using Risk-Based Methods (revision of ANSI/ASME PCC-3-2017)  
PINS Date: Feb 4, 2022 | Public Review Date: Apr 15, 2022 | Final Action Date: Jun 21, 2022 | [Approved](#)

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- ▶ ANSI/ASME PDS-1.1-2013, Product Definition Standards (PDS) - Dimensioning, Tolerancing, Surface Texture, and Metrology Standards - Rules for Drawings with Incomplete Reference to Applicable Drawing Standard (new standard)  
PINS Date: Apr 13, 2012 | Public Review Date: May 24, 2013 | Final Action Date: Dec 20, 2013 | [Approved](#)

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- ▶ ANSI/ASME POM 101-2013 (R2019), Performance Related Outage Inspections (reaffirmation of ANSI/ASME POM 101-2013)  
Public Review Date: Nov 23, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)

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- ▶ ANSI/ASME POM 102-2014 (R202x), Operating Walkdowns of Power Plants (reaffirmation of ANSI/ASME POM 102-2014)  
Public Review Date: Aug 16, 2019 | Final Action Date: Oct 31, 2019 | [Approved](#)

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- ▶ ANSI/ASME PTC 1-2022, Performance Test Codes - General Instructions (revision of ANSI/ASME PTC 1-2015)  
PINS Date: Jul 28, 2017 | Public Review Date: Dec 17, 2021 | Final Action Date: Feb 18, 2022 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME PTC 10-2022, Performance Test Code on Axial and Centrifugal Compressors (revision of ANSI/ASME PTC 10-1997 (R2014))  
PINS Date: Jul 28, 2017 | Public Review Date: Sep 23, 2022 | Final Action Date: Dec 12, 2022 | [Approved](#)

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- ▶ ANSI/ASME PTC 11-2008 (R2018), Fans (reaffirmation of ANSI/ASME PTC 11-2008)  
Public Review Date: Apr 13, 2018 | Final Action Date: Jun 27, 2018 | [Approved](#)

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- ▶ ANSI/ASME PTC 12.1-2015 (R2020), Closed Feedwater Heaters (reaffirmation of ANSI/ASME PTC 12.1-2015)  
Public Review Date: Jun 26, 2020 | Final Action Date: Sep 10, 2020 | [Approved](#)

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- ▶ ANSI/ASME PTC 12.2-2010 (R2020), Steam Surface Condensers (reaffirmation of ANSI/ASME PTC 12.2-2010 (R2015))  
Public Review Date: Feb 14, 2020 | Final Action Date: Apr 23, 2020 | [Approved](#)

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- ▶ ANSI/ASME PTC 12.3-1997 (R2019), Performance Test Code on Deaerators (reaffirmation of ANSI/ASME PTC 12.3-1997 (R2014))  
Public Review Date: Apr 12, 2019 | Final Action Date: Jun 18, 2019 | [Approved](#)

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- ▶ ANSI/ASME PTC 12.4-1992 (R2019), Moisture Separator Reheaters (reaffirmation of ANSI/ASME PTC 12.4-1992 (R2014))  
Public Review Date: Apr 12, 2019 | Final Action Date: Jul 19, 2019 | [Approved](#)

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- ▶ ANSI/ASME PTC 12.5-2000 (R2015), Single Phase Heat Exchangers (reaffirmation of ANSI/ASME PTC 12.5-2000 (R2005))  
PINS Date: Sep 10, 2010 | Public Review Date: Apr 17, 2015 | Final Action Date: Jul 6, 2015 | [Approved](#)

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- ▶ ANSI/ASME PTC 13-2018, Wire-To-Air Performance Test Code for Blower Systems (new standard)  
PINS Date: Oct 8, 2010 | Public Review Date: Feb 16, 2018 | Final Action Date: Jul 20, 2018 | [Approved](#)

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- ▶ ANSI/ASME PTC 17-1973 (R2022), Reciprocating Internal-Combustion Engines (new standard)  
PINS Date: Nov 15, 2013 | Public Review Date: Sep 2, 2022 | Final Action Date: Nov 10, 2022 | [Approved](#)

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- ▶ ANSI/ASME PTC 18-2020, Hydraulic Turbines and Pump-Turbines (revision of ANSI/ASME PTC 18-2011)  
PINS Date: Dec 18, 2015 | Public Review Date: Aug 28, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ ANSI/ASME PTC 19.1-2018, Test Uncertainty (revision of ANSI/ASME PTC 19.1-2013)  
Public Review Date: Apr 27, 2018 | Final Action Date: Sep 20, 2018 | [Approved](#)

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- ▶ ANSI/ASME PTC 19.11-2008 (R2018), Steam and Water Sampling, Conditioning, and Analysis in the Power Cycle (reaffirmation of ANSI/ASME PTC 19.11-2008 (R2013))  
Public Review Date: May 18, 2018 | Final Action Date: Aug 3, 2018 | [Approved](#)

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- ▶ ANSI/ASME PTC 19.2-2010 (R2020), Pressure Measurement (reaffirmation of ANSI/ASME PTC 19.2-2010 (R2015))  
Public Review Date: Feb 14, 2020 | Final Action Date: Apr 23, 2020 | [Approved](#)

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- ▶ ANSI/ASME PTC 19.22-2007 (R2017), Data Acquisition Systems (reaffirmation of ANSI/ASME PTC 19.22-2007 (R2012))  
Public Review Date: May 5, 2017 | Final Action Date: Jul 12, 2017 | [Approved](#)

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- ▶ ANSI/ASME PTC 19.3TW-2016, Thermowells (revision of ANSI/ASME PTC 19.3TW-2010)  
PINS Date: Mar 13, 2015 | Public Review Date: Nov 20, 2015 | Final Action Date: Jan 5, 2016 | [Approved](#)

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- ▶ ANSI/ASME PTC 19.5-2021, Flow Measurement (revision of ANSI/ASME PTC 19.5-2004 (R2013))  
PINS Date: Jul 26, 2013 | Public Review Date: May 14, 2021 | Final Action Date: Jan 5, 2022 | [Approved](#)

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- ▶ ANSI/ASME PTC 19.6-2018, Electrical Power Measurements (new standard)  
PINS Date: Feb 14, 2003 | Public Review Date: Dec 8, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME PTC 2-2001 (R2014), Definitions and Values (reaffirmation of ANSI/ASME PTC 2-2001 (R2009))  
Public Review Date: Dec 20, 2013 | Final Action Date: Mar 11, 2014 | [Approved](#)

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- ▶ ANSI/ASME PTC 22-2014, Gas Turbines (revision of ANSI/ASME PTC 22-2005)  
PINS Date: Nov 27, 2009 | Public Review Date: Mar 28, 2014 | Final Action Date: Jun 9, 2014 | [Approved](#)

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- ▶ ANSI/ASME PTC 23-2003 (R2014), Atmospheric Water Cooling Equipment (reaffirmation of ANSI/ASME PTC 23-2003 (R2009))  
Public Review Date: Dec 20, 2013 | Final Action Date: Mar 11, 2014 | [Approved](#)

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- ▶ ANSI/ASME PTC 25-2018, Pressure Relief Devices (revision of ANSI/ASME PTC 25-2014)  
PINS Date: Nov 14, 2014 | Public Review Date: Jul 13, 2018 | Final Action Date: Oct 24, 2018 | [Approved](#)

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- ▶ ANSI/ASME PTC 29-2005 (R2020), Speed-Governing Systems for Hydraulic Turbine-Generator Units (reaffirmation of ANSI/ASME PTC 29-2005 (R2015))  
Public Review Date: Apr 24, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)

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- ▶ ANSI/ASME PTC 30-1991 (R2021), Air Cooled Heat Exchangers (reaffirmation of ANSI/ASME PTC 30-1991 (R2016))  
Public Review Date: Mar 26, 2021 | Final Action Date: May 27, 2021 | [Approved](#)

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- ▶ ANSI/ASME PTC 30.1-2007 (R2020), Air Cooled Steam Condensers (reaffirmation of ANSI/ASME PTC 30.1-2007 (R2012))  
Public Review Date: Dec 20, 2019 | Final Action Date: Feb 24, 2020 | [Approved](#)

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- ▶ ANSI/ASME PTC 31-2011 (R2017), High-Purity Water Treatment System (reaffirmation of ANSI/ASME PTC 31-2011)  
Public Review Date: Oct 21, 2016 | Final Action Date: Jan 24, 2017 | [Approved](#)

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- ▶ ANSI/ASME PTC 34-2017 (R2022), Waste Combustors with Energy Recovery (reaffirmation of ANSI/ASME PTC 34-2017)  
Public Review Date: Jan 14, 2022 | Final Action Date: Mar 22, 2022 | [Approved](#)

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- ▶ ANSI/ASME PTC 36-2018, Measurement of Industrial Sound (revision of ANSI/ASME PTC 36-2004 (R2013))  
PINS Date: Oct 24, 2014 | Public Review Date: Jan 19, 2018 | Final Action Date: May 15, 2018 | [Approved](#)

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- ▶ ANSI/ASME PTC 39-2005 (R2020), Steam Traps (reaffirmation of ANSI/ASME PTC 39-2005 (R2010))  
Public Review Date: Dec 27, 2019 | Final Action Date: Mar 5, 2020 | [Approved](#)

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- ▶ ANSI/ASME PTC 4-2013, Fired Steam Generators (revision of ANSI/ASME PTC 4-2008)  
PINS Date: Aug 13, 2010 | Public Review Date: Jul 5, 2013 | Final Action Date: Nov 21, 2013 | [Approved](#)

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- ▶ ANSI/ASME PTC 4.2-1969 (S2021), Coal Pulverizers (stabilized maintenance of ANSI/ASME PTC 4.2-1969 (R2016))  
Public Review Date: Mar 19, 2021 | Final Action Date: May 27, 2021 | [Approved](#)

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- ▶ ANSI/ASME PTC 4.3-2017 (R2022), Air Heaters (reaffirmation of ANSI/ASME PTC 4.3-2017)  
Public Review Date: May 6, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)

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- ▶ ANSI/ASME PTC 4.4-2008 (R2013), Gas Turbine Heat Recovery Steam Generators (reaffirmation of ANSI/ASME PTC 4.4-2008)  
Public Review Date: Mar 8, 2013 | Final Action Date: May 28, 2013 | [Approved](#)

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- ▶ ANSI/ASME PTC 40-2017 (R2022), Flue Gas Desulfurization Units Performance Test Code (reaffirmation of ANSI/ASME PTC 40-2017)  
Public Review Date: Apr 15, 2022 | Final Action Date: Jun 22, 2022 | [Approved](#)

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- ▶ ANSI/ASME PTC 46-2015, Overall Plant Performance (new standard)  
PINS Date: Nov 7, 2008 | Public Review Date: Apr 24, 2015 | Final Action Date: Sep 25, 2015 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME PTC 47-2020, Performance Test Code for Integrated Gasification Combined Cycle Power Generation Plants (revision of ANSI/ASME PTC 47-2006 (R2011))  
PINS Date: May 6, 2016 | Public Review Date: Sep 4, 2020 | Final Action Date: Nov 9, 2020 | [Approved](#)
- ▶ ANSI/ASME PTC 47.1-2017 (R2022), Performance Test Code for the Cryogenic Air Separation Unit of an IGCC Power Plant (reaffirmation of ANSI/ASME PTC 47.1-2017)  
Public Review Date: Oct 7, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)
- ▶ ANSI/ASME PTC 47.2-2019, Performance Test Code of the Gasification Block of an Integrated Gasification Combined Cycle Power Plant (new standard)  
PINS Date: Oct 20, 2006 | Public Review Date: May 3, 2019 | Final Action Date: Jul 19, 2019 | [Approved](#)
- ▶ ANSI/ASME PTC 47.3-2021, Performance Test Code of the Syngas Conditioning Block of an Integrated Gasification Combined Cycle Power Plant (new standard)  
PINS Date: Aug 28, 2009 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 14, 2021 | [Approved](#)
- ▶ ANSI/ASME PTC 47.4-2015 (R2020), Power Block of an Integrated Gasification Combined Cycle Power Plant (reaffirmation of ANSI/ASME PTC 47.4-2015)  
Public Review Date: Mar 20, 2020 | Final Action Date: Jul 14, 2020 | [Approved](#)
- ▶ ANSI/ASME PTC 50-2002 (R2019), Fuel Cell Power Systems Performance (reaffirmation of ANSI/ASME PTC 50-2002 (R2014))  
Public Review Date: Apr 12, 2019 | Final Action Date: Jun 21, 2019 | [Approved](#)
- ▶ ANSI/ASME PTC 51-2011 (R2016) , Gas Turbine Inlet Air Conditioning Equipment (reaffirmation of ANSI/ASME PTC 51-2011)  
Public Review Date: Apr 29, 2016 | Final Action Date: Aug 11, 2016 | [Approved](#)
- ▶ ANSI/ASME PTC 52-2020, Concentrated Solar Power Plants (new standard)  
PINS Date: Apr 10, 2009 | Public Review Date: Dec 20, 2019 | Final Action Date: Mar 23, 2020 | [Approved](#)
- ▶ ANSI/ASME PTC 53-2022, Performance Test Code for Mechanical and Thermal Energy Storage Systems (new standard)  
PINS Date: Aug 7, 2015 | Public Review Date: Jul 8, 2022 | Final Action Date: Sep 15, 2022 | [Approved](#)
- ▶ ANSI/ASME PTC 55-2013 (R2018), Gas Turbine Aircraft Engines (reaffirmation of ANSI/ASME PTC 55-2013)  
Public Review Date: Apr 20, 2018 | Final Action Date: Aug 13, 2018 | [Approved](#)
- ▶ ANSI/ASME PTC 6-2004 (R2014), Steam Turbines (reaffirmation of ANSI/ASME PTC 6-2004)  
Public Review Date: Jan 24, 2014 | Final Action Date: Apr 8, 2014 | [Approved](#)
- ▶ ANSI/ASME PTC 6.2-2011 (R2016), Steam Turbines in Combined Cycles (reaffirmation of ANSI/ASME PTC 6.2-2011)  
Public Review Date: Jan 15, 2016 | Final Action Date: Mar 24, 2016 | [Approved](#)
- ▶ ANSI/ASME PTC 6A-2000 (R2021), Appendix to PTC 6 on Steam Turbines (reaffirmation of ANSI/ASME PTC 6A-2000 (R2016))  
Public Review Date: Mar 19, 2021 | Final Action Date: May 27, 2021 | [Approved](#)
- ▶ ANSI/ASME PTC 6S-1988 (R2019), Procedures for Routine Performance Tests of Steam Turbines (reaffirmation of ANSI/ASME PTC 6S-1988 (R2014))  
Public Review Date: Mar 8, 2019 | Final Action Date: Aug 9, 2019 | [Approved](#)
- ▶ ANSI/ASME PTC 70-2009 (R2019), Performance Test Code on Ramp Rates (reaffirmation of ANSI/ASME PTC 70-2009 (R2014))  
Public Review Date: Apr 12, 2019 | Final Action Date: Jun 28, 2019 | [Approved](#)

**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME PVHO-1-2016, Safety Standard for Pressure Vessels for Human Occupancy (revision of ANSI/ASME PVHO-1-2012)  
Public Review Date: Oct 30, 2015 | Final Action Date: Jan 20, 2016 | [Approved](#)

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- ▶ ANSI/ASME PVHO-1-2019, Safety Standard for Pressure Vessels for Human Occupancy (revision of ANSI/ASME PVHO-1-2016)  
Public Review Date: Oct 4, 2019 | Final Action Date: Dec 4, 2019 | [Approved](#)

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- ▶ ANSI/ASME PVHO-2-2016, Safety Standard for Pressure Vessels for Human Occupancy: In-Service Guidelines (revision of ANSI/ASME PVHO-2-2012)  
Public Review Date: Sep 25, 2015 | Final Action Date: Jan 6, 2016 | [Approved](#)

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- ▶ ANSI/ASME PVHO-2-2019, Safety Standard for Pressure Vessels for Human Occupancy: In-Service Guidelines (revision of ANSI/ASME PVHO-2-2016)  
Public Review Date: Oct 4, 2019 | Final Action Date: Dec 4, 2019 | [Approved](#)

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- ▶ ANSI/ASME QEI-1-2018 , Standard for the Qualification of Elevator Inspectors (revision of ANSI/ASME QEI-1-2013)  
Public Review Date: Jun 9, 2017 | Final Action Date: Jun 29, 2018 | [Approved](#)

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- ▶ ANSI/ASME QME-1-2023, Qualification of Active Mechanical Equipment Used in Nuclear Facilities (revision of ANSI/ASME QME-1-2017)  
Public Review Date: May 13, 2022 | Final Action Date: Jan 13, 2023 | [Approved](#)

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- ▶ ANSI/ASME QRO-1-2005 (R2015), Standard for the Qualification and Certification of Resource Recovery Facility Operators (reaffirmation of ANSI/ASME QRO-1-2005)  
Public Review Date: Dec 26, 2014 | Final Action Date: Mar 2, 2015 | [Approved](#)

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- ▶ ANSI/ASME RA-S-2008 (R2019), Standard for Level1/Large Early Release Frequency Probabilistic Risk Assessment for Nuclear Power Plant Applications (reaffirmation and consolidation of ANSI/ASME RA-S-2008, ANSI/ASME RA-Sa-2009, ANSI/ASME RA-Sb-2010)  
Public Review Date: Dec 21, 2018 | Final Action Date: Nov 15, 2019 | [Approved](#)

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- ▶ ANSI/ASME RAM-1-2020, Reliability, Availability, and Maintainability of Equipment and Systems in Power Plants (revision of ANSI/ASME RAM-1-2013)  
PINS Date: May 11, 2018 | Public Review Date: Feb 14, 2020 | Final Action Date: Mar 19, 2020 | [Approved](#)

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- ▶ ANSI/ASME RAM-2-2016, Reliability, Availability, and Maintainability Program Development Process for Existing Power Plants (new standard)  
PINS Date: Aug 22, 2014 | Public Review Date: Sep 23, 2016 | Final Action Date: Dec 2, 2016 | [Approved](#)

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- ▶ ANSI/ASME RT-1-2015, Safety Standard for Structural Requirements for Light Rail Vehicles (revision of ANSI/ASME RT-1-2009)  
Public Review Date: Jun 12, 2015 | Final Action Date: Sep 9, 2015 | [Approved](#)

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- ▶ ANSI/ASME RT-1-2020, Safety Standard for Structural Requirements for Light Rail Vehicles (revision of ANSI/ASME RT-1-2015)  
Public Review Date: Feb 28, 2020 | Final Action Date: May 8, 2020 | [Approved](#)

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- ▶ ANSI/ASME RT-2-2021, Safety Standard for Structural Requirements for Heavy Rail Transit Vehicles (revision of ANSI/ASME RT-2-2014)  
PINS Date: Mar 25, 2016 | Public Review Date: Sep 3, 2021 | Final Action Date: Nov 30, 2021 | [Approved](#)

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- ▶ ANSI/ASME RTP-1-2019, Reinforced Thermoset Plastic Corrosion-Resistant Equipment (revision of ANSI/ASME RTP-1-2017)  
PINS Date: Nov 10, 2017 | Public Review Date: Apr 26, 2019 | Final Action Date: Jul 26, 2019 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME RTP-1-2021, Reinforced Thermoset Plastic Corrosion-Resistant Equipment (revision of ANSI/ASME RTP-1-2019)  
Public Review Date: Jul 23, 2021 | Final Action Date: Oct 26, 2021 | [Approved](#)
- ▶ ANSI/ASME SRB-1-2018, Design, Installation, Maintenance and Application of Ball Slewing Ring Bearings (new standard)  
PINS Date: Jul 23, 2010 | Public Review Date: May 25, 2018 | Final Action Date: Jul 27, 2018 | [Approved](#)
- ▶ ANSI/ASME STS-1-2021, Steel Stacks (revision of ANSI/ASME STS-1-2017)  
Public Review Date: Aug 27, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)
- ▶ ANSI/ASME TDP-1-2013, Recommended Practices for the Prevention of Water Damage to Steam Turbines Used for Electric Power Generation: Fossil-Fueled Plants (revision of ANSI/ASME TDP-1-2006)  
PINS Date: Oct 28, 2011 | Public Review Date: Jul 6, 2012 | Final Action Date: Feb 5, 2013 | [Approved](#)
- ▶ ANSI/ASME TDP-2-2012 (R2017), Prevention of Water Damage to Steam Turbines Used for Electric Power Generation: Nuclear Fueled Plants (reaffirmation of ANSI/ASME TDP-2-2012)  
Public Review Date: Dec 23, 2016 | Final Action Date: Mar 2, 2017 | [Approved](#)
- ▶ ANSI/ASME TES-1-2020, Safety Standards for Thermal Energy Storage Systems; Molten Salt (new standard)  
PINS Date: Jul 3, 2015 | Public Review Date: Sep 20, 2019 | Final Action Date: Mar 11, 2020 | [Approved](#)
- ▶ ANSI/ASME V&V 10-2019, Standard for Verification and Validation in Computational Solid Mechanics (revision of ANSI/ASME V&V 10-2006 (R2016))  
PINS Date: Jan 12, 2018 | Public Review Date: May 3, 2019 | Final Action Date: Jul 23, 2019 | [Approved](#)
- ▶ ANSI/ASME V&V 10.1-2012 (R2022), An Illustration of the Concepts of Verification and Validation in Computational Solid Mechanics (reaffirmation of ANSI/ASME V&V 10.1-2012)  
PINS Date: Dec 23, 2016 | Public Review Date: Dec 24, 2021 | Final Action Date: Feb 28, 2022 | [Approved](#)
- ▶ ANSI/ASME V&V 20-2009 (R2021), Standard for Verification and Validation of Computational Fluid Dynamics and Heat Transfer (reaffirmation of ANSI/ASME V&V 20-2009 (R2016))  
PINS Date: Dec 20, 2013 | Public Review Date: Apr 23, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)
- ▶ ANSI/ASME V&V 40-2018, Standard for Verification and Validation in Computational Methods for Medical Devices (new standard)  
PINS Date: Dec 11, 2009 | Public Review Date: Nov 24, 2017 | Final Action Date: Aug 16, 2018 | [Approved](#)
- ▶ ANSI/ASME VVUQ 1-2022, Verification, Validation, and Uncertainty Quantification Terminology in Computational Modeling and Simulation (new standard)  
PINS Date: Jan 4, 2019 | Public Review Date: Jun 3, 2022 | Final Action Date: Aug 8, 2022 | [Approved](#)
- ▶ ANSI/ASME VVUQ 10.2-2021, The Role of Uncertainty Quantification in Verification and Validation of Computational Solid Mechanics Models (new standard)  
PINS Date: Oct 3, 2008 | Public Review Date: Sep 10, 2021 | Final Action Date: Dec 13, 2021 | [Approved](#)
- ▶ ANSI/ASME Y14.1-2020, Drawing Sheet Size and Format (revision and redesignation of ANSI/ASME Y14.1-2012, ANSI/ASME Y14.1M-2012)  
PINS Date: Jan 12, 2018 | Public Review Date: Apr 17, 2020 | Final Action Date: Aug 14, 2020 | [Approved](#)
- ▶ ANSI/ASME Y14.100-2017, Engineering Drawing Practices (revision of ANSI/ASME Y14.100-2013)  
PINS Date: Mar 11, 2016 | Public Review Date: Apr 14, 2017 | Final Action Date: Jun 22, 2017 | [Approved](#)
- ▶ ANSI/ASME Y14.1M-2012, Metric Drawing Sheet Size and Format (revision of ANSI/ASME Y14.1M-2005 (R2010))  
PINS Date: Jan 20, 2012 | Public Review Date: Aug 3, 2012 | Final Action Date: Dec 19, 2012 | [Approved](#)

**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME Y14.2-2014 (R2020), Line Conventions and Lettering (reaffirmation of ANSI/ASME Y14.2-2014)  
Public Review Date: Dec 6, 2019 | Final Action Date: Feb 24, 2020 | [Approved](#)

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- ▶ ANSI/ASME Y14.24-2020, Types and Applications of Engineering Drawings (revision of ANSI/ASME Y14.24-2012)  
Public Review Date: Nov 29, 2019 | Final Action Date: Jul 20, 2020 | [Approved](#)

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- ▶ ANSI/ASME Y14.3-2012 (R2018), Orthographic and Pictorial Views (reaffirmation of ANSI/ASME Y14.3-2012)  
Public Review Date: Feb 9, 2018 | Final Action Date: Apr 20, 2018 | [Approved](#)

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- ▶ ANSI/ASME Y14.31-2014 (R2019), Undimensioned Drawings (reaffirmation of ANSI/ASME Y14.31-2014)  
Public Review Date: Feb 22, 2019 | Final Action Date: May 3, 2019 | [Approved](#)

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- ▶ ANSI/ASME Y14.34-2013 (R2018), Associated Lists (reaffirmation of ANSI/ASME Y14.34-2013)  
Public Review Date: Jun 15, 2018 | Final Action Date: Aug 21, 2018 | [Approved](#)

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- ▶ ANSI/ASME Y14.35-2014 (R2019), Revision of Engineering Drawings and Associated Documents (reaffirmation of ANSI/ASME Y14.35-2014)  
Public Review Date: Feb 22, 2019 | Final Action Date: May 3, 2019 | [Approved](#)

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- ▶ ANSI/ASME Y14.36-2018, Surface Texture Symbols (revision of ANSI/ASME Y14.36M-1996 (R2008))  
PINS Date: Jun 19, 2009 | Public Review Date: Feb 16, 2018 | Final Action Date: Jun 15, 2018 | [Approved](#)

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- ▶ ANSI/ASME Y14.37-2019, Composite Part Drawings (revision of ANSI/ASME Y14.37-2012)  
PINS Date: Oct 9, 2015 | Public Review Date: Sep 7, 2018 | Final Action Date: Mar 22, 2019 | [Approved](#)

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- ▶ ANSI/ASME Y14.38-2019, Abbreviations and Acronyms for Use on Drawings and Related Documents (revision of ANSI/ASME Y14.38-2007 (R2013))  
PINS Date: Jun 8, 2018 | Public Review Date: Aug 30, 2019 | Final Action Date: Nov 15, 2019 | [Approved](#)

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- ▶ ANSI/ASME Y14.41-2019, Digital Product Definition Data Practices (revision of ANSI/ASME Y14.41-2012)  
PINS Date: Dec 25, 2015 | Public Review Date: Aug 17, 2018 | Final Action Date: Mar 22, 2019 | [Approved](#)

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- ▶ ANSI/ASME Y14.43-2011 (R2020), Dimensioning and Tolerancing Principles for Gages and Fixtures (reaffirmation of ANSI/ASME Y14.43-2011)  
Public Review Date: Jun 19, 2020 | Final Action Date: Aug 27, 2020 | [Approved](#)

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- ▶ ANSI/ASME Y14.44-2008 (R2014), Reference Designations for Electrical and Electronics Parts and Equipments (reaffirmation of ANSI/ASME Y14.44-2008)  
Public Review Date: Aug 15, 2014 | Final Action Date: Oct 21, 2014 | [Approved](#)

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- ▶ ANSI/ASME Y14.45-2021, Measurement Data Reporting (new standard)  
PINS Date: May 2, 2008 | Public Review Date: Jan 1, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ ANSI/ASME Y14.46-2022, Product Definition Practices for Additive Manufacturing (new standard)  
PINS Date: Mar 11, 2016 | Public Review Date: Nov 5, 2021 | Final Action Date: May 19, 2022 | [Approved](#)

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- ▶ ANSI/ASME Y14.47-2019, 3D Model Organization Schema (new standard)  
PINS Date: Feb 14, 2014 | Public Review Date: Oct 5, 2018 | Final Action Date: Jan 11, 2019 | [Approved](#)

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- ▶ ANSI/ASME Y14.47-2023, Model Organization Practices (revision of ANSI/ASME Y14.47-2019)  
Public Review Date: Nov 25, 2022 | Final Action Date: Jan 20, 2023 | [Approved](#)

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- ▶ ANSI/ASME Y14.5-2018, Dimensioning and Tolerancing (revision of ANSI/ASME Y14.5-2009)  
PINS Date: Dec 13, 2013 | Public Review Date: Mar 30, 2018 | Final Action Date: Aug 13, 2018 | [Approved](#)

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**ASME (American Society of Mechanical Engineers)**

- ▶ ANSI/ASME Y14.5.1-2019, Mathematical Definition of Dimensioning and Tolerancing Principles (revision and redesignation of ANSI/ASME Y14.5.1M-1994 (R2012))  
PINS Date: Jul 25, 2008 | Public Review Date: Dec 21, 2018 | Final Action Date: Nov 7, 2019 | [Approved](#)
- ▶ ANSI/ASME Y14.6-2001 (R2018), Screw Thread Representation (reaffirmation of ANSI/ASME Y14.6-2001 (R2013))  
Public Review Date: Feb 9, 2018 | Final Action Date: Apr 20, 2018 | [Approved](#)
- ▶ ANSI/ASME Y14.8-2022, Castings, forgings and Molded Parts (revision of ANSI/ASME Y14.8-2009 (R2014))  
PINS Date: Nov 9, 2018 | Public Review Date: Jul 16, 2021 | Final Action Date: Mar 17, 2022 | [Approved](#)
- ▶ ANSI/ASME Y32.18-1972 (S2018), Symbols for Mechanical and Acoustical Elements as Used in Schematic Diagrams (stabilized maintenance of ANSI/ASME Y32.18-1972 (R2013))  
Public Review Date: Jun 15, 2018 | Final Action Date: Aug 21, 2018 | [Approved](#)
- ▶ ANSI/ASME Y32.7-1972 (S2020), Graphic Symbols for Railroad Maps and Profiles (stabilized maintenance of ANSI/ASME Y32.7-1972 (R2014))  
Public Review Date: Dec 6, 2019 | Final Action Date: Feb 24, 2020 | [Approved](#)
- ▶ ANSI/ASME/ANS RA-S-1.1-2022, Standard for Level 1 / Large Early Release Frequency Probabilistic Risk Assessment for Nuclear Power Plant Applications (revision and redesignation of ANSI/ASME RA-S-2008 (R2019))  
Public Review Date: Feb 18, 2022 | Final Action Date: May 11, 2022 | [Approved](#)
- ▶ ANSI/ASME/ANS RA-S-1.4-2021, Probabilistic Risk Assessment Standard for Advanced NonLight Water Reactor Nuclear Power Plants (new standard)  
PINS Date: Apr 17, 2020 | Public Review Date: Oct 16, 2020 | Final Action Date: Jan 28, 2021 | [Approved](#)
- ▶ ANSI/ISO/ASME 14414-2019, Pumping System Energy Assessment (identical national adoption of ISO/ASME 14414-2015 and revision of ANSI/ISO/ASME 14414-2015)  
PINS Date: Sep 16, 2016 | Public Review Date: Nov 23, 2018 | Final Action Date: Oct 7, 2019 | [Approved](#)

**ASNT (American Society for Nondestructive Testing)**

1711 Arlingate Lane, Columbus, OH 43228 | w: [www.asnt.org](http://www.asnt.org)

- ▶ ANSI/ASNT CP 189-2020, For Qualification and Certification of Nondestructive Testing Personnel (revision, redesignation and consolidation of ANSI/ASNT CP-189-2016, ANSI/ASNT CP-189-2016, Addenda 2018)  
PINS Date: May 31, 2013 | Public Review Date: Feb 14, 2020 | Final Action Date: Mar 31, 2020 | [Approved](#)
- ▶ ANSI/ASNT CP-105-2020, Topical outlines for qualification of nondestructive personnel (revision of ANSI/ASNT CP-105-2015)  
PINS Date: Mar 1, 2019 | Public Review Date: Jun 14, 2019 | Final Action Date: Nov 7, 2019 | [Approved](#)
- ▶ ANSI/ASNT CP-106 (ISO 9712-2012)-2018, Nondestructive Testing- Qualification and Certification of Personnel (national adoption of ISO 9712: 2012 with modifications and revision of ANSI/ASNT CP-106-2008)  
PINS Date: Mar 16, 2012 | Public Review Date: Dec 22, 2017 | Final Action Date: Mar 23, 2018 | [Approved](#)
- ▶ ANSI/ASNT ILI-PQ-2017, IN-Line Inspection Personnel Qualification and Certification Standard (revision of ANSI/ASNT ILI-PQ-2005 (R2010))  
PINS Date: May 5, 2017 | Public Review Date: Jun 23, 2017 | Final Action Date: Dec 12, 2017 | [Approved](#)

**ASPE (American Society of Plumbing Engineers)**

6400 Shafer Court, Suite 350, Rosemont, IL 60018 | w: [www.aspe.org](http://www.aspe.org)

- ▶ ANSI/ARCSA/ASPE 63-2020, Rainwater Catchment Systems (revision of ANSI/ARCSA/ASPE 63-2013)  
Public Review Date: Mar 27, 2020 | Final Action Date: May 4, 2020 | [Approved](#)

**ASPE (American Society of Plumbing Engineers)**

- ▶ ANSI/ARCSA/ASPE 78-2015, Stormwater Harvesting System Design for Direct End-Use Applications (new standard)  
PINS Date: May 31, 2013 | Public Review Date: May 29, 2015 | Final Action Date: Aug 3, 2015 | [Approved](#)
- ▶ ANSI/ASPE 45-2018, Siphonic Roof Drainage (revision of ANSI/ASPE 45-2013)  
PINS Date: Sep 1, 2017 | Public Review Date: Jan 11, 2019 | Final Action Date: Feb 22, 2019 | [Approved](#)
- ▶ ANSI/WQA/ASPE S-801-2015 (R2021), Sustainable Management (reaffirmation of ANSI/WQA/ASPE S-801-2015)  
PINS Date: Nov 13, 2020 | Public Review Date: Jan 8, 2021 | Final Action Date: Feb 25, 2021 | [Approved](#)
- ▶ ANSI/WQA/ASPE S-803-2017, Sustainable Drinking Water Treatment Systems (revision of ANSI/WQA/ASPE S-803-2015)  
PINS Date: Jan 27, 2017 | Public Review Date: Jul 28, 2017 | Final Action Date: Sep 25, 2017 | [Approved](#)
- ▶ ANSI/WQA/ASPE/NSF S-802-2017 (R2022), Sustainable Water Treatment Media (reaffirmation of ANSI/WQA/ASPE/NSF S-802-2017)  
PINS Date: Aug 6, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Sep 16, 2022 | [Approved](#)

**ASQ (American Society for Quality)**

600 N Plankinton Avenue, Milwaukee, WI 53203 | w: [www.asq.org](http://www.asq.org)

- ▶ ANSI/ASQ E5-2020, Quality Principles and Practices for Nonnuclear Energy Facilities (new standard)  
PINS Date: Dec 20, 2019 | Public Review Date: May 29, 2020 | Final Action Date: Aug 6, 2020 | [Approved](#)
- ▶ ANSI/ASQ G1-2021, Guidelines for Evaluating the Quality of Government Operations and Services (new standard)  
PINS Date: Oct 2, 2020 | Public Review Date: Dec 4, 2020 | Final Action Date: Feb 22, 2021 | [Approved](#)
- ▶ ANSI/ASQ ID1-2021, Inspection techniques and requirements - Guidelines (new standard)  
PINS Date: May 24, 2019 | Public Review Date: Mar 20, 2020 | Final Action Date: Aug 23, 2021 | [Approved](#)
- ▶ ANSI/ASQ S3-2012 (R2017), An attribute chain sampling program (reaffirmation of ANSI/ASQ S3-2012)  
Public Review Date: Jun 2, 2017 | Final Action Date: Jul 28, 2017 | [Approved](#)
- ▶ ANSI/ASQ/ISO 26000-2010, Guidance on Social Responsibility (identical national adoption of ISO 26000)  
PINS Date: Aug 6, 2010 | Public Review Date: Nov 26, 2010 | Final Action Date: Mar 18, 2011 | [Approved](#)
- ▶ ASQ/ANSI E4-2014 (R2019), Quality management systems for environmental information and technology programs—Requirements with guidance for use (reaffirmation of ANSI/ASQ E4:2014)  
Public Review Date: Mar 8, 2019 | Final Action Date: May 23, 2019 | [Approved](#)

**ASQ (ASC Z1) (American Society for Quality)**

600 N Plankinton Avenue, Milwaukee, WI 53201 | w: [www.asq.org](http://www.asq.org)

- ▶ ANSI ASQ/ISO 16355-1-2022, Application of statistical and related methods to new technology and product development process-Part 1: General principles and perspectives of quality function deployment (QFD) (identical national adoption of ISO 16355-1:2021 and revision of ANSI/ASQ/ISO 16355-1-2015)  
PINS Date: May 13, 2022 | Public Review Date: Jul 1, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)
- ▶ ANSI ASQ/ISO 16355-2-2022, Applications of statistical and related methods to new technology and product development process-Part 2:Non-quantitative approaches for the acquisition of voice of customer and voice of stakeholder (identical national adoption of ISO 16355-2:2017)  
PINS Date: May 20, 2022 | Public Review Date: Jul 1, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)
- ▶ ANSI ASQ/ISO 16355-3-2022, Applications of statistical and related methods to new technology and product development process-Part 3:Quantitative approaches for the acquisition of voice of customer and voice of stakeholder (identical national adoption of ISO 16355-3:2019)  
PINS Date: May 20, 2022 | Public Review Date: Jul 1, 2022 | Final Action Date: Sep 13, 2022 | [Approved](#)

**ASQ (ASC Z1) (American Society for Quality)**

- ▶ ANSI ASQ/ISO 16355-4-2022, Applications of statistical and related methods to new technology and product development process-Part 4:Analysis of non-quantitative and quantitative Voice of Customer and Voice of Stakeholder (identical national adoption of ISO 16355-4:2017)  
PINS Date: May 20, 2022 | Public Review Date: Jul 1, 2022 | Final Action Date: Sep 13, 2022 | [Approved](#)
- ▶ ANSI ASQ/ISO 16355-5-2022, Applications of statistical and related methods to new technology and product development process-Part 5:Solution strategy (identical national adoption of ISO 16355-5:2017)  
PINS Date: May 20, 2022 | Public Review Date: Jul 1, 2022 | Final Action Date: Sep 13, 2022 | [Approved](#)
- ▶ ANSI ASQ/ISO 16355-6-2022, Applications of statistical and related methods to new technology and product development process-Part 6:Guidance for QFD-related approaches to optimization (identical national adoption of ISO 16355-6:2019)  
PINS Date: May 20, 2022 | Public Review Date: Jul 1, 2022 | Final Action Date: Sep 13, 2022 | [Approved](#)
- ▶ ANSI ASQ/ISO 16355-8-2022, Applications of statistical and related methods to new technology and product development process-Part 8:Guidelines for commercialization and life cycle (identical national adoption of ISO 16355-8:2017)  
PINS Date: May 20, 2022 | Public Review Date: Jul 1, 2022 | Final Action Date: Sep 13, 2022 | [Approved](#)
- ▶ ANSI/ASQ ISO 10007-2018, Quality management Guidelines for configuration management (identical national adoption of ISO 10007:2017 and revision of ANSI/ISO/ASQC Q10007-2003)  
PINS Date: Jan 19, 2018 | Public Review Date: Mar 23, 2018 | Final Action Date: May 24, 2018 | [Approved](#)
- ▶ ANSI/ASQ ISO 19011-2018, Guidelines for auditing management systems (identical national adoption of ISO 19011:2018 and revision of ANSI ISO/ASQ QE19011S-2008)  
PINS Date: Feb 23, 2018 | Public Review Date: Apr 27, 2018 | Final Action Date: Jun 26, 2018 | [Approved](#)
- ▶ ANSI/ASQ Z1.4-2003 (R2018), Sampling procedures and tables for inspection by attributes (reaffirmation of ANSI/ASQ Z1.4-2003 (R2013))  
Public Review Date: Aug 17, 2018 | Final Action Date: Oct 10, 2018 | [Approved](#)
- ▶ ANSI/ASQ Z1.9-2003 (R2018), Sampling procedures and tables for inspection by variables for percent nonconforming (reaffirmation of ANSI/ASQ Z1.9-2003 (R2013))  
Public Review Date: Aug 17, 2018 | Final Action Date: Oct 10, 2018 | [Approved](#)
- ▶ ANSI/ASQ/ISO 10006-2017, Quality management Guidelines for quality management in projects (identical national adoption of ISO 10006:2017 and revision of ANSI/ISO/ASQ Q10006-2003)  
PINS Date: Jan 19, 2018 | Public Review Date: Mar 23, 2018 | Final Action Date: May 24, 2018 | [Approved](#)
- ▶ ANSI/ASQ/ISO 14004-2016, Environmental management systems - General guidelines on implementation (identical national adoption of ISO 14004:2016)  
Public Review Date: Jun 10, 2016 | Final Action Date: Aug 3, 2016 | [Approved](#)
- ▶ ANSI/ASQ/ISO 19011-2011, Guidelines for Auditing Management Systems (identical national adoption of ISO 19011:2011)  
PINS Date: Oct 7, 2011 | Public Review Date: Feb 24, 2012 | Final Action Date: Sep 11, 2013 | [Approved](#)
- ▶ ANSI/ASQ/ISO 3534-4-2014, Statistics - Vocabulary and symbols - Part 4: Survey sampling (identical national adoption of ISO 3534-4:2014)  
PINS Date: Oct 3, 2014 | Public Review Date: Nov 14, 2014 | Final Action Date: Jan 13, 2015 | [Approved](#)
- ▶ ANSI/ASQ/ISO 9004-2018, Quality management Quality of an organization Guidance to achieve sustained success (identical national adoption of ISO 9004:2018 and revision of (identical national adoption of ISO/TS 9002:2016))  
PINS Date: Jan 19, 2018 | Public Review Date: Mar 23, 2018 | Final Action Date: May 24, 2018 | [Approved](#)

**ASQ (ASC Z1) (American Society for Quality)**

- ▶ ANSI/ASQ/ISO Q10005-2005, Quality Management Systems - Guidelines for Quality Plans (identical national adoption of ISO 10005:2005)  
PINS Date: Jan 6, 2006 | Public Review Date: Mar 3, 2006 | Final Action Date: May 25, 2006 | [Approved](#)

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- ▶ ANSI/ASQ/ISO Q10012-2003, Measurement management systems - Requirements for measurement processes and measuring equipment (identical national adoption of ISO 10012:2003)  
PINS Date: Jan 6, 2006 | Public Review Date: Mar 31, 2006 | Final Action Date: May 25, 2006 | [Approved](#)

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- ▶ ANSI/ASQ/ISO/TS 54001-2019, Quality management systems — Particular requirements for the application of ISO 9001:2015 for electoral organizations at all levels of government (identical national adoption of ISO/TS 54001:2019)  
PINS Date: Feb 5, 2021 | Public Review Date: Apr 9, 2021 | Final Action Date: Jul 19, 2021 | [Approved](#)

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- ▶ ANSI/ASQ/ISO/TS 9002:2016, Quality management systems - Guidelines for the application of ISO 9001:2015 (identical national adoption of ISO/TS 9002:2016)  
PINS Date: Dec 16, 2016 | Public Review Date: Mar 3, 2017 | Final Action Date: Jul 6, 2017 | [Approved](#)

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- ▶ ANSI/ISO 14065-2007, Greenhouse gases - Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition (identical national adoption of ISO 14065-2007)  
PINS Date: May 25, 2007 | Public Review Date: Jun 29, 2007 | Final Action Date: Aug 17, 2007 | [Approved](#)

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- ▶ ANSI/ISO 21247-2007, Combined accept-zero sampling systems and process control procedures for product acceptance (identical national adoption of ISO 21247:2005)  
PINS Date: Apr 29, 2005 | Public Review Date: Aug 3, 2007 | Final Action Date: Dec 4, 2007 | [Approved](#)

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PINS Date: Apr 29, 2005 | Public Review Date: Aug 3, 2007 | Final Action Date: Dec 3, 2007 | [Approved](#)

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- ▶ ANSI/ISO 2859-4-2002, Sampling procedures for inspection by attributes — Part 4: Procedures for assessment of declared quality levels (identical national adoption of ISO 2859-4:2002)  
PINS Date: Oct 22, 2004 | Public Review Date: Aug 3, 2007 | Final Action Date: Dec 3, 2007 | [Approved](#)

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PINS Date: Apr 29, 2005 | Public Review Date: Aug 3, 2007 | Final Action Date: Dec 3, 2007 | [Approved](#)

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- ▶ ANSI/ISO 3534-2-2006, Statistics — Vocabulary and symbols — Part 2: Applied statistics (identical national adoption of ISO 3534-2:2006)  
PINS Date: Apr 29, 2005 | Public Review Date: Aug 3, 2007 | Final Action Date: Dec 3, 2007 | [Approved](#)

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- ▶ ANSI/ISO/ASQ E14025-2006, Environmental labels and declarations - Type III environmental declarations - Principles and procedures (identical national adoption of ISO 14025)  
PINS Date: Jun 9, 2006 | Public Review Date: Jul 21, 2006 | Final Action Date: Sep 28, 2006 | [Approved](#)

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- ▶ ANSI/ISO/ASQ E14064-1-2006, ANSI/ISO/ASTM 14064-1-2006, ANSI/ISO/NSF 14064-1-2006, Greenhouse gases - Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals (identical national adoption of ISO 14064-1:2006)  
PINS Date: May 5, 2006 | Public Review Date: Jun 30, 2006 | Final Action Date: Aug 16, 2006 | [Approved](#)

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PINS Date: May 5, 2006 | Public Review Date: Jun 30, 2006 | Final Action Date: Aug 16, 2006 | [Approved](#)

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**ASQ (ASC Z1) (American Society for Quality)**

- ▶ ANSI/ISO/ASQ E14064-3-2006, ANSI/ISO/ASTM 14064-3-2006, ANSI/ISO/NSF 14064-3-2006, Greenhouse gases - Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions (identical national adoption of ISO 14064-3: 2006)

PINS Date: May 5, 2006 | Public Review Date: Jun 30, 2006 | Final Action Date: Aug 16, 2006 | [Approved](#)

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PINS Date: Jan 6, 2006 | Public Review Date: Mar 3, 2006 | Final Action Date: May 16, 2006 | [Approved](#)

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PINS Date: Jun 9, 2006 | Public Review Date: Jul 14, 2006 | Final Action Date: Aug 31, 2006 | [Approved](#)

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PINS Date: Feb 25, 2000 | Public Review Date: Jun 2, 2000 | Final Action Date: Jan 25, 2001 | [Approved](#)

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- ▶ ASQ/ANSI/ISO 10001:2007, Quality management - Customer satisfaction - Guidelines for codes of conduct for organizations (identical national adoption of ISO 10001:2007)

PINS Date: May 16, 2014 | Public Review Date: Jul 4, 2014 | Final Action Date: Aug 27, 2014 | [Approved](#)

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PINS Date: May 16, 2014 | Public Review Date: Jul 4, 2014 | Final Action Date: Aug 27, 2014 | [Approved](#)

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PINS Date: May 16, 2014 | Public Review Date: Jul 4, 2014 | Final Action Date: Aug 27, 2014 | [Approved](#)

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PINS Date: May 16, 2014 | Public Review Date: Jul 4, 2014 | Final Action Date: Aug 27, 2014 | [Approved](#)

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PINS Date: May 16, 2014 | Public Review Date: Jul 4, 2014 | Final Action Date: Aug 27, 2014 | [Approved](#)

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- ▶ ASQ/ANSI/ISO 14001:2015, Environmental management systems - Requirements with guidance for use (identical national adoption of ISO 14001:2015)

PINS Date: Feb 13, 2015 | Public Review Date: Jul 24, 2015 | Final Action Date: Sep 10, 2015 | [Approved](#)

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PINS Date: Mar 9, 2012 | Public Review Date: Jul 4, 2014 | Final Action Date: Sep 8, 2014 | [Approved](#)

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PINS Date: May 16, 2014 | Public Review Date: Jul 4, 2014 | Final Action Date: Aug 27, 2014 | [Approved](#)

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- ▶ ASQ/ANSI/ISO 14034-2016, Environmental management - Environmental technology verification (ETV) (identical national adoption of ISO 14034:2016)

PINS Date: Oct 14, 2016 | Public Review Date: Dec 16, 2016 | Final Action Date: Feb 23, 2017 | [Approved](#)

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PINS Date: May 16, 2014 | Public Review Date: Jul 4, 2014 | Final Action Date: Aug 27, 2014 | [Approved](#)

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**ASQ (ASC Z1) (American Society for Quality)**

- ▶ ASQ/ANSI/ISO 14044:2006, Environmental management - Life cycle assessment - Requirements and guidelines (identical national adoption of ISO 14044:2006)  
PINS Date: Mar 9, 2012 | Public Review Date: Jul 4, 2014 | Final Action Date: Aug 27, 2014 | [Approved](#)

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- ▶ ASQ/ANSI/ISO 14051:2011, Environmental management - Material flow cost accounting - General framework (identical national adoption of ISO 14051-2011)  
PINS Date: Mar 9, 2012 | Public Review Date: Jul 4, 2014 | Final Action Date: Aug 27, 2014 | [Approved](#)

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- ▶ ASQ/ANSI/ISO 14063:2006, Environmental management - Environmental communication - Guidelines and examples (identical national adoption of ISO 14063:2006)  
PINS Date: Mar 9, 2012 | Public Review Date: Jul 4, 2014 | Final Action Date: Aug 27, 2014 | [Approved](#)

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PINS Date: May 16, 2014 | Public Review Date: Jul 4, 2014 | Final Action Date: Sep 22, 2014 | [Approved](#)

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PINS Date: Mar 9, 2012 | Public Review Date: Jul 4, 2014 | Final Action Date: Sep 22, 2014 | [Approved](#)

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- ▶ ASQ/ANSI/ISO 16269-4-2010, Statistical interpretation of data - Part 4: Detection and treatment of outliers (identical national adoption of ISO 16269-4:2010)  
PINS Date: Oct 3, 2014 | Public Review Date: Nov 14, 2014 | Final Action Date: Jan 13, 2015 | [Approved](#)

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- ▶ ASQ/ANSI/ISO 16269-6-2014, Statistical interpretation of data - Part 6: Determination of statistical tolerance intervals (identical national adoption of ISO 16269-6:2014)  
PINS Date: Oct 3, 2014 | Public Review Date: Nov 14, 2014 | Final Action Date: Jan 13, 2015 | [Approved](#)

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- ▶ ASQ/ANSI/ISO 16269-7-2001, Statistical interpretation of data - Part 7: Median - Estimation and confidence intervals (identical national adoption of ISO 16269-7:2001)  
PINS Date: Oct 3, 2014 | Public Review Date: Nov 14, 2014 | Final Action Date: Jan 13, 2015 | [Approved](#)

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PINS Date: Oct 3, 2014 | Public Review Date: Nov 14, 2014 | Final Action Date: Jan 13, 2015 | [Approved](#)

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- ▶ ASQ/ANSI/ISO 18091:2014, Quality management systems - Guidelines for the application of ISO 9001:2008 in local government (identical national adoption of ISO 18091:2014)  
PINS Date: May 16, 2014 | Public Review Date: Jul 4, 2014 | Final Action Date: Sep 22, 2014 | [Approved](#)

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- ▶ ASQ/ANSI/ISO 22514-1-2014, Statistical methods in process management - Capability and performance - Part 1: General principles and concepts (identical national adoption of ISO 22514-1:2014)  
PINS Date: Oct 3, 2014 | Public Review Date: Nov 14, 2014 | Final Action Date: Jan 13, 2015 | [Approved](#)

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- ▶ ASQ/ANSI/ISO 22514-2-2013, Statistical methods in process management - Capability and performance - Part 2: Process capability and performance of time-dependent process models (identical national adoption of ISO 22514-2:2013)  
PINS Date: Oct 3, 2014 | Public Review Date: Nov 14, 2014 | Final Action Date: Jan 13, 2015 | [Approved](#)

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- ▶ ASQ/ANSI/ISO 22514-3-2008, Statistical methods in process management - Capability and performance - Part 3: Machine performance studies for measured data on discrete parts (identical national adoption of ISO 22514-3:2008)  
PINS Date: Oct 3, 2014 | Public Review Date: Nov 14, 2014 | Final Action Date: Jan 13, 2015 | [Approved](#)

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PINS Date: Oct 3, 2014 | Public Review Date: Nov 14, 2014 | Final Action Date: Jan 13, 2015 | [Approved](#)

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**ASQ (ASC Z1) (American Society for Quality)**

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PINS Date: Oct 3, 2014 | Public Review Date: Nov 14, 2014 | Final Action Date: Jan 13, 2015 | [Approved](#)
- ▶ ASQ/ANSI/ISO 22514-8-2014, Statistical methods in process management - Capability and performance - Part 8: Machine performance of a multi-state production process (identical national adoption of ISO 22514-8:2014)  
PINS Date: Oct 3, 2014 | Public Review Date: Nov 14, 2014 | Final Action Date: Jan 13, 2015 | [Approved](#)
- ▶ ASQ/ANSI/ISO 3534-3:2013, Statistics - Vocabulary and symbols - Part 3: Design of experiments (identical national adoption of ISO 3534-3:2013)  
PINS Date: Oct 3, 2014 | Public Review Date: Nov 14, 2014 | Final Action Date: Jan 13, 2015 | [Approved](#)
- ▶ ASQ/ANSI/ISO 7870-1-2014, Control charts - Part 1: General guidelines (identical national adoption of ISO 7870-1:2014)  
PINS Date: Mar 9, 2012 | Public Review Date: Nov 14, 2014 | Final Action Date: Jan 13, 2015 | [Approved](#)
- ▶ ASQ/ANSI/ISO 7870-2:2013, Control charts - Part 2: Shewhart control charts (identical national adoption of ISO 7870-2:2013)  
PINS Date: Oct 3, 2014 | Public Review Date: Nov 14, 2014 | Final Action Date: Jan 13, 2015 | [Approved](#)
- ▶ ASQ/ANSI/ISO 7870-3:2012, Control charts - Part 3: Acceptance control charts (identical national adoption of ISO 7870-3:2012)  
PINS Date: Oct 3, 2014 | Public Review Date: Nov 14, 2014 | Final Action Date: Jan 13, 2015 | [Approved](#)
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PINS Date: Mar 9, 2012 | Public Review Date: Aug 17, 2012 | Final Action Date: Jan 13, 2015 | [Approved](#)
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PINS Date: Oct 3, 2014 | Public Review Date: Nov 14, 2014 | Final Action Date: Jan 13, 2015 | [Approved](#)
- ▶ ASQ/ANSI/ISO 9000-2015, Quality management systems - Fundamentals and vocabulary (identical national adoption of ISO 9000:2015)  
PINS Date: May 1, 2015 | Public Review Date: Jul 24, 2015 | Final Action Date: Sep 9, 2015 | [Approved](#)
- ▶ ASQ/ANSI/ISO 9001:2015, Quality management systems - Requirements (identical national adoption of ISO 9001:2015)  
PINS Date: May 1, 2015 | Public Review Date: Jul 24, 2015 | Final Action Date: Oct 21, 2015 | [Approved](#)
- ▶ ASQ/ANSI/ISO/TS 16949-2009, Quality management systems - Particular requirements for the application of ISO 9001:2008 for automotive production and relevant service part organizations (identical national adoption of ISO/TS 16949:2009)  
PINS Date: Oct 3, 2014 | Public Review Date: Nov 14, 2014 | Final Action Date: Jan 13, 2015 | [Approved](#)

**ASSP (ASC A10) (American Society of Safety Professionals)**

520 N. Northwest Highway, Park Ridge, IL 60068 | w: [www.assp.org](http://www.assp.org)

- ▶ ANSI ASSE A10.15-1995 (R2017), Safety Requirements for Dredging (reaffirmation of ANSI ASSE A10.15-1995 (R2011))  
Public Review Date: Mar 17, 2017 | Final Action Date: Jun 15, 2017 | [Approved](#)
- ▶ ANSI ASSE A10.19-2017, Safety Requirements for Pile Installation and Extraction Operations (revision of ANSI ASSE A10.19-2008 (R2016))  
PINS Date: Mar 17, 2017 | Public Review Date: Apr 21, 2017 | Final Action Date: Jun 15, 2017 | [Approved](#)

**ASSP (ASC A10) (American Society of Safety Professionals)**

- ▶ ANSI ASSE A10.21-2018, Safety Requirements for Safe Construction and Demolition of Wind Generation / Turbine Facilities. (new standard)  
PINS Date: Jan 30, 2009 | Public Review Date: Feb 2, 2018 | Final Action Date: Apr 20, 2018 | [Approved](#)

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- ▶ ANSI ASSE A10.27-1998 (R2017), Hot Mix Asphalt Facilities (reaffirmation of ANSI ASSE A10.27-1998 (R2011))  
Public Review Date: Mar 17, 2017 | Final Action Date: Jun 15, 2017 | [Approved](#)

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- ▶ ANSI ASSE A10.9-2013 (R2018), Safety Requirements for Concrete and Masonry Work (reaffirmation of ANSI ASSE A10.9-2013)  
Public Review Date: Feb 16, 2018 | Final Action Date: May 3, 2018 | [Approved](#)

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- ▶ ANSI/ASSE A10.1-2011 (R2017), Pre-Project & Pre-Task Safety and Health Planning (reaffirmation of ANSI/ASSE A10.1-2011)  
Public Review Date: Aug 4, 2017 | Final Action Date: Oct 6, 2017 | [Approved](#)

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- ▶ ANSI/ASSE A10.10-2015, Safety Requirements for Temporary and Portable Space Heating Devices and Equipment (revision of ANSI/ASSE A10.10-2014)  
Public Review Date: May 22, 2015 | Final Action Date: Nov 23, 2015 | [Approved](#)

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- ▶ ANSI/ASSE A10.11-2016, Safety Requirements for Personnel Nets (revision of ANSI ASSE A10.11-2010)  
PINS Date: Jul 22, 2016 | Public Review Date: Aug 26, 2016 | Final Action Date: Oct 11, 2016 | [Approved](#)

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- ▶ ANSI/ASSE A10.13-2011 (R2017), Safety Requirements for Steel Erection (reaffirmation of ANSI/ASSE A10.13-2011)  
Public Review Date: Aug 4, 2017 | Final Action Date: Oct 5, 2017 | [Approved](#)

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- ▶ ANSI/ASSE A10.16-2009 (R2016), Safety Requirements for Tunnels, Shafts, and Caissons (reaffirmation of ANSI/ASSE A10.16-2009)  
PINS Date: May 6, 2016 | Public Review Date: Jul 29, 2016 | Final Action Date: Sep 26, 2016 | [Approved](#)

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- ▶ ANSI/ASSE A10.17-2006 (R2017), Safe Operating Practices for Hot Mix Asphalt (HMA) Construction (reaffirmation of ANSI/ASSE A10.17-2006 (R2011))  
Public Review Date: Aug 11, 2017 | Final Action Date: Oct 5, 2017 | [Approved](#)

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- ▶ ANSI/ASSE A10.18-2007 (R2012), Safety Requirements for Temporary Floors, Holes, Wall Openings, Stairways and Other Unprotected Edges in Construction and Demolition Operations (reaffirmation of ANSI/ASSE A10.18-2007)  
Public Review Date: Mar 23, 2012 | Final Action Date: Jul 3, 2012 | [Approved](#)

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- ▶ ANSI/ASSE A10.20-2006 (R2016), Safe Operating Practices for Tile, Terrazzo, and Marble Work (reaffirmation of ANSI/ASSE A10.20-2005 (R2011))  
Public Review Date: Jul 29, 2016 | Final Action Date: Sep 26, 2016 | [Approved](#)

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- ▶ ANSI/ASSE A10.22-2007 (R2017), Safety Requirements for Rope-Guided & Non-Guided Workers' Hoists (reaffirmation of ANSI/ASSE A10.22-2007 (R2012))  
Public Review Date: Aug 4, 2017 | Final Action Date: Oct 5, 2017 | [Approved](#)

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- ▶ ANSI/ASSE A10.25-2017, Sanitation in Construction (revision of ANSI/ASSE A10.25-2009)  
PINS Date: Aug 29, 2014 | Public Review Date: Mar 17, 2017 | Final Action Date: May 16, 2017 | [Approved](#)

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- ▶ ANSI/ASSE A10.26-2011 (R2016), Emergency Procedures for Construction and Demolition Sites (reaffirmation of ANSI/ASSE A10.26-2011)  
Public Review Date: Jan 29, 2016 | Final Action Date: May 3, 2016 | [Approved](#)

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- ▶ ANSI/ASSE A10.37-2016, Debris Net Systems Used During Construction and Demolition Operations (new standard)  
PINS Date: Oct 31, 2008 | Public Review Date: Jul 29, 2016 | Final Action Date: Sep 26, 2016 | [Approved](#)

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**ASSP (ASC A10) (American Society of Safety Professionals)**

- ▶ ANSI/ASSE A10.4-2016, Personnel Hoists & Employee Elevators on Construction & Demolition Sites (revision of ANSI/ASSE A10.4-2007)  
PINS Date: Jul 31, 2009 | Public Review Date: May 22, 2015 | Final Action Date: Jan 6, 2016 | [Approved](#)

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- ▶ ANSI/ASSE A10.42-2000 (R2017), Safety Requirements for Rigging Qualifications & Responsibilities (reaffirmation of ANSI ASSE A10.42-2000 (R2010))  
Public Review Date: Aug 4, 2017 | Final Action Date: Oct 5, 2017 | [Approved](#)

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- ▶ ANSI/ASSE A10.43-2016, Confined Space Entry for Construction and Demolition Operations (new standard)  
PINS Date: Jul 30, 2004 | Public Review Date: Apr 22, 2016 | Final Action Date: Aug 4, 2016 | [Approved](#)

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- ▶ ANSI/ASSE A10.48-2016, Criteria for Safety Practices with the Construction, Demolition, and Maintenance of Communication Structures (new standard)  
PINS Date: Jul 30, 2004 | Public Review Date: Apr 15, 2016 | Final Action Date: Aug 3, 2016 | [Approved](#)

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- ▶ ANSI/ASSE A10.6-2006 (R2016), Safety & Health Program Requirements for Demolition Operations (reaffirmation of ANSI/ASSE A10.6-2006)  
PINS Date: Jul 31, 2009 | Public Review Date: Jul 29, 2016 | Final Action Date: Sep 26, 2016 | [Approved](#)

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- ▶ ANSI/ASSP A10.12-2022, Safety Requirements for Excavation (revision and redesignation of ANSI/ASSE A10.12-1998 (R2016))  
PINS Date: Sep 18, 2020 | Public Review Date: Oct 15, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ ANSI/ASSP A10.23-2019, Safety Requirements for the Installation of Drilled Shafts (revision and redesignation of ANSI/ASSE A10.23-2014)  
PINS Date: Jun 15, 2018 | Public Review Date: Feb 22, 2019 | Final Action Date: Apr 12, 2019 | [Approved](#)

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- ▶ ANSI/ASSP A10.24-2022, Roofing Safety Requirements for Low-Sloped Roofs (revision and redesignation of ANSI/ASSE A10.24-2014)  
PINS Date: Jul 23, 2021 | Public Review Date: Feb 25, 2022 | Final Action Date: Apr 12, 2022 | [Approved](#)

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- ▶ ANSI/ASSP A10.28-2018, Safety Requirements for Work Platforms Suspended from Cranes or Derricks (revision and redesignation of ANSI/ASSE A10.28-2011)  
PINS Date: Sep 8, 2017 | Public Review Date: Jun 1, 2018 | Final Action Date: Jul 27, 2018 | [Approved](#)

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- ▶ ANSI/ASSP A10.3-2020, Safety Requirements for Powder-Actuated Fastening Systems (revision and redesignation of ANSI/ASSE A10.3-2013)  
PINS Date: Jun 1, 2018 | Public Review Date: Sep 25, 2020 | Final Action Date: Nov 20, 2020 | [Approved](#)

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- ▶ ANSI/ASSP A10.30-2020, Safety Requirements for the Installation of Anchors and Micropiles (new standard)  
PINS Date: Jan 25, 2019 | Public Review Date: Mar 27, 2020 | Final Action Date: Jul 22, 2020 | [Approved](#)

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- ▶ ANSI/ASSP A10.31-2019, Safety Requirements, Definitions and Specifications for Digger Derricks (revision and redesignation of ANSI/ASSE A10.31-2013)  
PINS Date: Nov 30, 2018 | Public Review Date: Mar 8, 2019 | Final Action Date: May 14, 2019 | [Approved](#)

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- ▶ ANSI/ASSP A10.33-2020, Safety & Health Program Requirements for Multi-Employer Projects (revision and redesignation of ANSI/ASSE A10.33-2011 (R2016))  
PINS Date: Jun 1, 2018 | Public Review Date: Jun 19, 2020 | Final Action Date: Oct 1, 2020 | [Approved](#)

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- ▶ ANSI/ASSP A10.34-2021, Protection of the Public on or Adjacent to Construction Sites (revision and redesignation of ANSI/ASSE A10.34-2001 (R2012))  
PINS Date: Jun 1, 2018 | Public Review Date: Nov 20, 2020 | Final Action Date: Feb 1, 2021 | [Approved](#)

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- ▶ ANSI/ASSP A10.35-2020, Standard - Safe Pressure Testing of Steel and Copper Piping Systems Used in Construction and Demolition Operations (new standard)  
PINS Date: Feb 2, 2018 | Public Review Date: Aug 14, 2020 | Final Action Date: Oct 1, 2020 | [Approved](#)

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**ASSP (ASC A10) (American Society of Safety Professionals)**

- ▶ ANSI/ASSP A10.38-2021, Basic Elements of an Employer™s Program to Provide a Safe and Healthful Work Environment on Construction and Demolition Sites (revision and redesignation of ANSI/ASSE A10.38-2013)  
PINS Date: May 22, 2020 | Public Review Date: Jul 23, 2021 | Final Action Date: Sep 23, 2021 | [Approved](#)
- ▶ ANSI/ASSP A10.39-2022, Construction Safety & Health Audit Program (revision and redesignation of ANSI/ASSE A10.39-1996 (R2017))  
PINS Date: Mar 25, 2022 | Public Review Date: Jul 29, 2022 | Final Action Date: Sep 15, 2022 | [Approved](#)
- ▶ ANSI/ASSP A10.40-2007 (R2018), Reduction of Musculoskeletal Problems in Construction (reaffirmation and redesignation of ANSI/ASSE A10.40-2007 (R2013))  
Public Review Date: Jul 27, 2018 | Final Action Date: Sep 27, 2018 | [Approved](#)
- ▶ ANSI/ASSP A10.44-2020, Control of Energy Sources (Lockout/Tagout) for Construction and Demolition Operations (revision and redesignation of ANSI/ASSE A10.44-2014)  
PINS Date: Feb 8, 2019 | Public Review Date: Dec 27, 2019 | Final Action Date: Feb 13, 2020 | [Approved](#)
- ▶ ANSI/ASSP A10.47-2021, Work Zone Safety for Highway Construction (revision and redesignation of ANSI/ASSE A10.47-2015)  
PINS Date: May 22, 2020 | Public Review Date: Jul 23, 2021 | Final Action Date: Sep 23, 2021 | [Approved](#)
- ▶ ANSI/ASSP A10.49-2022, Control of Chemical Health Hazards in Construction and Demolition Operations (revision and redesignation of ANSI/ASSE A10.49-2015)  
PINS Date: Feb 28, 2020 | Public Review Date: Jul 29, 2022 | Final Action Date: Sep 15, 2022 | [Approved](#)
- ▶ ANSI/ASSP A10.5-2020, Safety Requirements for Material Hoists (revision of ANSI/ASSP A10.5 2013)  
PINS Date: May 23, 2014 | Public Review Date: May 15, 2020 | Final Action Date: Jul 7, 2020 | [Approved](#)
- ▶ ANSI/ASSP A10.7-2018, Safety and Health Requirements for Construction and Demolition Use, Storage, Handling and Site Movement of Commercial Explosives and Blasting Agents (revision of ANSI/ASSP A10.7-2011)  
PINS Date: Aug 11, 2017 | Public Review Date: May 4, 2018 | Final Action Date: Jul 25, 2018 | [Approved](#)
- ▶ ANSI/ASSP A10.8-2019, Scaffolding Safety Requirements (revision and redesignation of ANSI ASSE A10.8-2011)  
PINS Date: Oct 14, 2011 | Public Review Date: Nov 23, 2018 | Final Action Date: Feb 7, 2019 | [Approved](#)

**ASSP (Safety) (American Society of Safety Professionals)**

520 N. Northwest Highway, Park Ridge, IL 60068 | w: [www.assp.org](http://www.assp.org)

- ▶ ANSI ASSE Z359.15-2014, Safety Requirements for Single Anchor Vertical Lifelines & Fall Arrestors for Personal Fall Arrest Systems (new standard)  
PINS Date: Jun 16, 2006 | Public Review Date: Feb 14, 2014 | Final Action Date: Aug 25, 2014 | [Approved](#)
- ▶ ANSI ASSE Z359.16-2016, Safety Requirements for Climbing Ladder Fall Arrest Systems (new standard)  
PINS Date: Aug 8, 2014 | Public Review Date: Jun 17, 2016 | Final Action Date: Nov 2, 2016 | [Approved](#)
- ▶ ANSI ASSE Z359.6-2016, Specifications and Design Requirements for Active Fall Protection Systems (revision of ANSI ASSE Z359.6-2009)  
PINS Date: Mar 7, 2014 | Public Review Date: Sep 2, 2016 | Final Action Date: Dec 21, 2016 | [Approved](#)
- ▶ ANSI/ASSE A1264.1-2017, Safety Requirements for Workplace Walking/Working Surfaces & Their Access; Workplace Floor, Wall & Roof Openings; Stairs & Guardrails Systems (revision of ANSI/ASSE A1264.1-2007)  
PINS Date: Aug 7, 2009 | Public Review Date: Sep 30, 2016 | Final Action Date: Jan 9, 2017 | [Approved](#)
- ▶ ANSI/ASSE Z15.1-2017, Safe Practices for Motor Vehicle Operations (revision of ANSI/ASSE Z15.1-2012)  
PINS Date: Dec 7, 2012 | Public Review Date: Mar 3, 2017 | Final Action Date: Apr 25, 2017 | [Approved](#)

**ASSP (Safety) (American Society of Safety Professionals)**

- ▶ ANSI/ASSE Z359.18-2017, Safety Requirements for Anchorage Connectors for Active Fall Protection Systems (new standard)  
PINS Date: Jun 16, 2006 | Public Review Date: Apr 7, 2017 | Final Action Date: Jun 2, 2017 | [Approved](#)

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- ▶ ANSI/ASSE Z359.2-2017, Minimum Requirements for a Comprehensive Managed Fall Protection Program (revision of )  
PINS Date: May 28, 2010 | Public Review Date: Sep 30, 2016 | Final Action Date: Jan 9, 2017 | [Approved](#)

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- ▶ ANSI/ASSE Z390.1-2017, Accepted Practices for Hydrogen Sulfide (H2S) Training Programs (revision of ANSI/ASSE Z390.1-2006 (R2010))  
PINS Date: Sep 26, 2014 | Public Review Date: May 12, 2017 | Final Action Date: Jun 30, 2017 | [Approved](#)

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- ▶ ANSI/ASSE Z490.1-2016, Criteria for Accepted Practices in Safety, Health, and Environmental Training (revision of ANSI/ASSE Z490.1-2009)  
PINS Date: Feb 24, 2012 | Public Review Date: Oct 2, 2015 | Final Action Date: Dec 7, 2015 | [Approved](#)

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- ▶ ANSI/ASSE Z590.3-2011 (R2016), Prevention through Design: Guidelines for Addressing Occupational Risks in Design and Redesign Processes (reaffirmation of ANSI/ASSE Z590.3-2011)  
PINS Date: Jul 24, 2015 | Public Review Date: Sep 11, 2015 | Final Action Date: Dec 14, 2015 | [Approved](#)

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- ▶ ANSI/ASSP A1264.2-2022, Reducing Slip Missteps on Walking-Working Surfaces (revision and redesignation of ANSI/ASSE A1264.2-2012)  
PINS Date: Feb 10, 2017 | Public Review Date: Nov 19, 2021 | Final Action Date: Feb 24, 2022 | [Approved](#)

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- ▶ ANSI/ASSP Z10.0-2019, Occupational Health and Safety Management Systems (revision and redesignation of ANSI/ASSE Z10-2012 (R2017))  
PINS Date: Oct 20, 2017 | Public Review Date: Mar 8, 2019 | Final Action Date: Aug 22, 2019 | [Approved](#)

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- ▶ ANSI/ASSP Z117.1-2022, Safety Requirements for Entering Confined Spaces (revision and redesignation of ANSI ASSE Z117.1-2016)  
PINS Date: May 17, 2019 | Public Review Date: Oct 22, 2021 | Final Action Date: Jan 28, 2022 | [Approved](#)

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- ▶ ANSI/ASSP Z16.1-2022, Safety and Health Metrics and Performance Measures (new standard)  
PINS Date: Jun 9, 2017 | Public Review Date: Nov 19, 2021 | Final Action Date: Feb 23, 2022 | [Approved](#)

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- ▶ ANSI/ASSP Z244.1-2016 (R2020), The Control of Hazardous Energy Lockout, Tagout and Alternative Methods (reaffirmation of ANSI/ASSE Z244.1-2016)  
PINS Date: Nov 29, 2019 | Public Review Date: Jan 24, 2020 | Final Action Date: Jul 9, 2020 | [Approved](#)

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- ▶ ANSI/ASSP Z359.1-2020, The Fall Protection Code (revision and redesignation of ANSI/ASSE Z359.1-2016)  
PINS Date: Nov 16, 2018 | Public Review Date: Jul 3, 2020 | Final Action Date: Nov 19, 2020 | [Approved](#)

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- ▶ ANSI/ASSP Z359.11-2021, Safety Requirements for Full Body Harnesses (revision and redesignation of ANSI/ASSE Z359.11-2014)  
PINS Date: May 22, 2020 | Public Review Date: Jan 1, 2021 | Final Action Date: Mar 18, 2021 | [Approved](#)

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- ▶ ANSI/ASSP Z359.12-2019, Connecting Components for Personal Fall Arrest Systems (revision and redesignation of ANSI/ASSE Z359.12-2009)  
PINS Date: Mar 7, 2014 | Public Review Date: Mar 22, 2019 | Final Action Date: Jun 5, 2019 | [Approved](#)

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- ▶ ANSI/ASSP Z359.13-2013 (R2022), Personal Energy Absorbers and Energy Absorbing Lanyards (reaffirmation of ANSI/ASSE Z359.13-2013)  
PINS Date: Mar 7, 2014 | Public Review Date: Jun 10, 2022 | Final Action Date: Jul 26, 2022 | [Approved](#)

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- ▶ ANSI/ASSP Z359.14-2021, Safety Requirements for Self-Retracting Devices for Personal Fall Arrest and Rescue Systems (revision and redesignation of ANSI/ASSE Z359.14-2014)  
PINS Date: Aug 23, 2019 | Public Review Date: Apr 30, 2021 | Final Action Date: Jun 17, 2021 | [Approved](#)

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**ASSP (Safety) (American Society of Safety Professionals)**

- ▶ ANSI/ASSP Z359.3-2019, Safety Requirements for Lanyards and Positioning Lanyards (revision and redesignation of ANSI/ASSE Z359.3-2017)  
PINS Date: Feb 23, 2018 | Public Review Date: Mar 1, 2019 | Final Action Date: Jun 28, 2019 | [Approved](#)
- ▶ ANSI/ASSP Z359.4-2013 (R2022), Safety Requirements for Assisted-Rescue and Self-Rescue Systems, Subsystems and Components (reaffirmation of ANSI/ASSE Z359.4-2013)  
PINS Date: Mar 7, 2014 | Public Review Date: Jul 8, 2022 | Final Action Date: Aug 25, 2022 | [Approved](#)
- ▶ ANSI/ASSP Z359.7-2019, Qualification and Verification Testing of Fall Protection Products (revision and redesignation of ANSI/ASSE Z359.7-2011)  
PINS Date: Mar 7, 2014 | Public Review Date: Oct 12, 2018 | Final Action Date: Apr 2, 2019 | [Approved](#)
- ▶ ANSI/ASSP Z359.9-2021, Personal Equipment for Protection Against Falls Descent Controllers (new standard)  
PINS Date: Mar 26, 2021 | Public Review Date: May 7, 2021 | Final Action Date: Aug 11, 2021 | [Approved](#)
- ▶ ANSI/ASSP Z459.1-2021, Safety Requirements for Rope Access Systems (new standard)  
PINS Date: Mar 31, 2017 | Public Review Date: Mar 5, 2021 | Final Action Date: Jun 24, 2021 | [Approved](#)
- ▶ ANSI/ASSP Z490.2-2019, Accepted Practices for E-learning in Safety, Health and Environmental Training (new standard)  
PINS Date: Mar 3, 2017 | Public Review Date: Jun 28, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)
- ▶ ANSI/ASSP Z590.3-2021, Prevention through Design. Guidelines for Addressing Occupational Hazards and Risks in Design and Redesign Processes (revision and redesignation of ANSI/ASSE Z590.3-2011 (R2016))  
PINS Date: Sep 18, 2020 | Public Review Date: Jun 18, 2021 | Final Action Date: Aug 5, 2021 | [Approved](#)
- ▶ ANSI/ASSP/ISO 31000-2018, Risk Management Guidelines (identical national adoption of ISO 31000-2018 and revision of ANSI/ASSE Z690.2-2011)  
PINS Date: Mar 9, 2018 | Public Review Date: May 18, 2018 | Final Action Date: Jul 20, 2018 | [Approved](#)
- ▶ ANSI/ASSP/ISO 31010-2019, Risk Management - Risk Assessment Techniques (identical national adoption of ISO/IEC 31010:2019 and revision of ANSI/ASSE Z690.3-2011)  
PINS Date: Aug 23, 2019 | Public Review Date: Oct 11, 2019 | Final Action Date: Nov 26, 2019 | [Approved](#)
- ▶ ANSI/ASSP/ISO 31073-2022, Risk Management - Vocabulary (identical national adoption of ISO 31073-2022 and revision of ANSI/ASSE Z690.1-2011)  
PINS Date: Mar 18, 2022 | Public Review Date: Jun 10, 2022 | Final Action Date: Aug 4, 2022 | [Approved](#)
- ▶ ANSI/ASSP/ISO 45001-2018, Occupational health and safety management systems Requirements with guidance for use (identical national adoption of ISO 45001-2018)  
PINS Date: Jan 19, 2018 | Public Review Date: Mar 9, 2018 | Final Action Date: May 8, 2018 | [Approved](#)
- ▶ ANSI/ASSP/ISO 45003-2021, Occupational health and safety management Psychological health and safety at work : managing psychosocial risks Guidelines (identical national adoption of ISO 45003-2021)  
PINS Date: May 7, 2021 | Public Review Date: Jun 18, 2021 | Final Action Date: Aug 9, 2021 | [Approved](#)
- ▶ ANSI/ASSP/ISO/IEC TS 17021-10-2021, Conformity Assessment Requirements For Bodies Providing Audit And Certification Of Management Systems Part 10: Competence Requirements For Auditing And Certification Of Occupational Health And Safety Management Systems (identical national adoption of ISO/IEC TS 17021-10:2018 )  
PINS Date: May 8, 2020 | Public Review Date: Oct 2, 2020 | Final Action Date: Jan 14, 2021 | [Approved](#)

**ASTM (ASTM International)**

100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 | w: [www.astm.org](http://www.astm.org)

- ▶ ANSI ASSE Z9.10-2017, Fundamentals Governing the Design and Operation of Dilution Ventilation Systems in Industrial Occupancies (revision and redesignation of ANSI/AIHA Z9.10-2010)  
Public Review Date: Oct 7, 2016 | Final Action Date: Feb 17, 2017 | [Approved](#)

**ASTM (ASTM International)**

- ▶ ANSI/AIHA Z88.10-2010, Respirator Fit Testing Methods (revision and redesignation of ANSI Z88.10-2001)  
PINS Date: Jul 28, 2006 | Public Review Date: Sep 18, 2009 | Final Action Date: Dec 2, 2010 | [Approved](#)

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- ▶ ANSI/AIHA Z88.7-2010, Color Coding of Air-Purifying Respirator Canisters, Cartridges, and Filters (revision of ANSI Z88.7-2001)  
PINS Date: Sep 25, 2009 | Public Review Date: Oct 23, 2009 | Final Action Date: Jun 14, 2010 | [Approved](#)

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- ▶ ANSI/ASSE Z88.2-2015, Practices for Respiratory Protection (new standard)  
PINS Date: Aug 29, 2014 | Public Review Date: Oct 3, 2014 | Final Action Date: Mar 4, 2015 | [Approved](#)

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- ▶ ANSI/ASSE Z9.1-2016, Ventilation and Control of Airborne Contaminants during Open-Surface Tank Operations (revision of ANSI/AIHA Z9.1-2006)  
PINS Date: Oct 8, 2010 | Public Review Date: Jun 3, 2016 | Final Action Date: Jul 28, 2016 | [Approved](#)

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- ▶ ANSI/ASSE Z9.11-2016, Laboratory Decommissioning (revision and redesignation of ANSI/AIHA Z9.11-2008)  
PINS Date: Aug 29, 2014 | Public Review Date: Aug 21, 2015 | Final Action Date: Dec 23, 2015 | [Approved](#)

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- ▶ ANSI/ASSE Z9.3-2017, Spray Finishing Operations: Safety Code for Design, Construction and Ventilation (revision and redesignation of ANSI/AIHA Z9.3-2007)  
PINS Date: Apr 14, 2017 | Public Review Date: May 19, 2017 | Final Action Date: Aug 24, 2017 | [Approved](#)

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- ▶ ANSI/ASSP A10.46.2020, Hearing Loss Prevention for Construction and Demolition Workers (revision of ANSI/ASSE A10.46-2013)  
PINS Date: Aug 24, 2018 | Public Review Date: Sep 20, 2019 | Final Action Date: Jan 9, 2020 | [Approved](#)

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- ▶ ANSI/ASSP Z9.14-2020, Testing and Performance-Verification Methodologies for Biosafety Level 3 (BSL-3) and Animal Biosafety Level 3 (ABSL-3) Ventilation Systems (revision and redesignation of ANSI/ASSE Z9.14-2014)  
PINS Date: Nov 30, 2018 | Public Review Date: Feb 28, 2020 | Final Action Date: Mar 31, 2020 | [Approved](#)

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- ▶ ANSI/ASSP Z9.2-2018, Fundamentals Governing the Design and Operation of Local Exhaust Ventilation Systems (revision and redesignation of ANSI/AIHA Z9.2-2001 (R2011))  
PINS Date: Mar 23, 2018 | Public Review Date: May 4, 2018 | Final Action Date: Jul 2, 2018 | [Approved](#)

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- ▶ ANSI/ASSP Z9.4-2011 (R2021), Abrasive-Blasting Operations Ventilation and Safe Practices For Fixed Location Enclosures (reaffirmation and redesignation of ANSI/AIHA Z9.4-2011)  
PINS Date: May 18, 2018 | Public Review Date: Jan 29, 2021 | Final Action Date: Mar 16, 2021 | [Approved](#)

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- ▶ ANSI/ASSP Z9.5-2022, Laboratory Ventilation (revision and redesignation of ANSI/AIHA Z9.5-2010)  
PINS Date: Feb 10, 2017 | Public Review Date: Dec 10, 2021 | Final Action Date: Mar 28, 2022 | [Approved](#)

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- ▶ ANSI/ASSP Z9.6-2018, Exhaust Systems for Grinding, Polishing and Buffing (new standard)  
PINS Date: Jul 6, 2018 | Public Review Date: Sep 21, 2018 | Final Action Date: Dec 3, 2018 | [Approved](#)

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- ▶ ANSI/ASSP Z9.9-2021, Portable Ventilation Systems (new standard)  
PINS Date: May 18, 2018 | Public Review Date: Dec 25, 2020 | Final Action Date: Mar 17, 2021 | [Approved](#)

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- ▶ ANSI/ASTM D1494-2022, Test Method for Diffuse Light Transmission Factor of Reinforced Plastics Panels (revision of ANSI/ASTM D1494-2017)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM D1785-2021a, Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120 (revision of ANSI/ASTM D1785-2021)  
Public Review Date: Jul 9, 2021 | Final Action Date: Aug 24, 2021 | [Approved](#)

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- ▶ ANSI/ASTM D2152-2017, Test Method for Adequacy of Fusion of Extruded Poly(Vinyl Chloride) (PVC) Pipe and Molded Fittings by Acetone Immersion (revision of ANSI/ASTM D2152-2017)  
Public Review Date: Oct 6, 2017 | Final Action Date: Nov 21, 2017 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM D2235-2022, Specification for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings (revision of ANSI/ASTM D2235-2021)

Public Review Date: Jun 3, 2022 | Final Action Date: Jul 19, 2022 | [Approved](#)

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- ▶ ANSI/ASTM D2239-2022, Specification for Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter (revision of ANSI/ASTM D2239-2021)

Public Review Date: Oct 7, 2022 | Final Action Date: Nov 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM D2241-2020, Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series) (revision of ANSI/ASTM D2241-2017)

Public Review Date: Jul 10, 2020 | Final Action Date: Aug 25, 2020 | [Approved](#)

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- ▶ ANSI/ASTM D2464-2015, Specification for Threaded Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80 (new standard)

PINS Date: May 6, 2016 | Public Review Date: Apr 14, 2017 | Final Action Date: May 30, 2017 | [Approved](#)

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- ▶ ANSI/ASTM D2466-2021, Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40 (revision of ANSI/ASTM D2466-2017a)

Public Review Date: Mar 12, 2021 | Final Action Date: Apr 27, 2021 | [Approved](#)

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- ▶ ANSI/ASTM D2467-2020, Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80 (revision of ANSI/ASTM D2467-2017)

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- ▶ ANSI/ASTM D2513-2021, Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM D2513-2020)

Public Review Date: Nov 6, 2020 | Final Action Date: Dec 22, 2020 | [Approved](#)

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- ▶ ANSI/ASTM D2564-2020, Specification for Solvent Cements for Poly(Vinyl Chloride) (PVC) Plastic Piping Systems (revision of ANSI/ASTM D2564-2017 (R2018))

Public Review Date: Jul 10, 2020 | Final Action Date: Aug 25, 2020 | [Approved](#)

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- ▶ ANSI/ASTM D2609-2021, Specification for Plastic Insert Fittings for Polyethylene (PE) Plastic Pipe (revision of ANSI/ASTM D2609-2017)

Public Review Date: Mar 12, 2021 | Final Action Date: Apr 27, 2021 | [Approved](#)

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- ▶ ANSI/ASTM D2657-2007 (R2015), Practice for Heat Fusion Joining of Polyolefin Pipe and Fittings (new standard)

PINS Date: May 6, 2016 | Public Review Date: Apr 14, 2017 | Final Action Date: May 31, 2017 | [Approved](#)

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- ▶ ANSI/ASTM D2661-2021, Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings (revision of ANSI/ASTM D2661-2014E1)

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- ▶ ANSI/ASTM D2665-2020a, Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings (revision of ANSI/ASTM D2665-2018)

Public Review Date: Jul 10, 2020 | Final Action Date: Aug 25, 2020 | [Approved](#)

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- ▶ ANSI/ASTM D2672-2020, Specification for Joints for IPS PVC Pipe Using Solvent Cement (revision of ANSI/ASTM D2672-2017)

PINS Date: Jul 10, 2020 | Public Review Date: Sep 4, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ ANSI/ASTM D2683-2020, Specification for Socket-Type Polyethylene Fittings for Outside Diameter-Controlled Polyethylene Pipe and Tubing (revision of ANSI/ASTM D2683-2014)

Public Review Date: Oct 9, 2020 | Final Action Date: Nov 24, 2020 | [Approved](#)

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- ▶ ANSI/ASTM D2737-2022, Specification for Polyethylene (PE) Plastic Tubing (revision of ANSI/ASTM D2737-2021)

Public Review Date: Oct 7, 2022 | Final Action Date: Nov 22, 2022 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM D2749-2022, Reinstatement of D2749-13 Standard Symbols for Dimensions of Plastic Pipe Fittings (new standard)

PINS Date: Jun 17, 2022 | Public Review Date: Aug 5, 2022 | Final Action Date: Sep 20, 2022 | [Approved](#)

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- ▶ ANSI/ASTM D2774-2021a, Practice for Underground Installation of Thermoplastic Pressure Piping (revision of ANSI/ASTM D2774-2021)

Public Review Date: Jun 4, 2021 | Final Action Date: Jul 20, 2021 | [Approved](#)

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- ▶ ANSI/ASTM D2846/D2846M-2019a, Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution Systems (revision of ANSI/ASTM D2846/D2846M-2017)

Public Review Date: Mar 15, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/ASTM D2855-2020, Practice for the Two-Step (Primer and Solvent Cement) Method of Joining Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Piping Components with Tapered Sockets (revision of ANSI/ASTM D2855-2017)

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- ▶ ANSI/ASTM D2859-2016 (R2021), Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials (reaffirmation of ANSI/ASTM D2859-2016)

Public Review Date: Sep 4, 2020 | Final Action Date: Mar 15, 2021 | [Approved](#)

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- ▶ ANSI/ASTM D2949-2022, Specification for 3.25-in. Outside Diameter Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings (revision of ANSI/ASTM D2949-2018)

Public Review Date: Sep 2, 2022 | Final Action Date: Oct 18, 2022 | [Approved](#)

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- ▶ ANSI/ASTM D3035-2022, Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter (revision of ANSI/ASTM D3035-2021)

Public Review Date: Oct 7, 2022 | Final Action Date: Nov 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM D3122-2021, Specification for Solvent Cements for Styrene-Rubber (SR) Plastic Pipe and Fittings (revision of ANSI/ASTM D3122-2015)

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- ▶ ANSI/ASTM D3138-2021, Specification for Solvent Cements for Transition Joints Between Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Non-Pressure Piping Components (revision of ANSI/ASTM D3138-2004 (R2016))

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- ▶ ANSI/ASTM D3139-2019, Specification for Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals (revision of ANSI/ASTM D3139-2018)

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- ▶ ANSI/ASTM D3212-2021, Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals (revision of ANSI/ASTM D3212-2020)

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- ▶ ANSI/ASTM D3244-2021, Practice for Utilization of Test Data to Determine Conformance with Specifications (revision of ANSI/ASTM D3244-2021)

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- ▶ ANSI/ASTM D3261-2016, Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing (new standard)

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- ▶ ANSI/ASTM D3311-2022, Specification for Drain, Waste, and Vent (DWV) Plastic Fittings Patterns (revision of ANSI/ASTM D3311-2017 (R2021))

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM D3485-2022, Specification for Coilable High Density Polyethylene (HDPE) Cable in Conduit (CIC) (revision of ANSI/ASTM D3485-2017)  
Public Review Date: Jun 3, 2022 | Final Action Date: Jul 19, 2022 | [Approved](#)

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- ▶ ANSI/ASTM D3678-2019, Specification for Rigid Poly(Vinyl Chloride) (PVC) Interior-Profile Extrusions (revision of ANSI/ASTM D3678-2014)  
Public Review Date: Oct 4, 2019 | Final Action Date: Nov 19, 2019 | [Approved](#)

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- ▶ ANSI/ASTM D3679-2021, Specification for Rigid Poly(Vinyl Chloride) (PVC) Siding (revision of ANSI/ASTM D3679-2017)  
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- ▶ ANSI/ASTM D3841-2021, Specification for Glass-Fiber-Reinforced Polyester Plastic Panels (revision of ANSI/ASTM D3841-2016)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/ASTM D4068-2017 (R2022), Specification for Chlorinated Polyethylene (CPE) Sheeting for Concealed Water-Containment Membrane (reaffirmation of ANSI/ASTM D4068-2017)  
Public Review Date: Feb 4, 2022 | Final Action Date: Mar 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM D4226-2019, Test Methods for Impact Resistance of Rigid Poly(Vinyl Chloride) (PVC) Building Products (revision of ANSI/ASTM D4226-2016)  
Public Review Date: Oct 4, 2019 | Final Action Date: Nov 19, 2019 | [Approved](#)

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- ▶ ANSI/ASTM D4477-2022, Specification for Rigid (Unplasticized) Poly(Vinyl Chloride) (PVC) Soffit (revision of ANSI/ASTM D4477-2021)  
Public Review Date: Apr 8, 2022 | Final Action Date: May 24, 2022 | [Approved](#)

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- ▶ ANSI/ASTM D4495-2021, Test Method for Impact Resistance of Poly(Vinyl Chloride) (PVC) Rigid Profiles by Means of a Falling Weight (new standard)  
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- ▶ ANSI/ASTM D4551-2022, Specification for Poly(Vinyl Chloride) (PVC) Plastic Flexible Concealed Water-Containment Membrane (revision of ANSI/ASTM D4551-2017)  
Public Review Date: Aug 5, 2022 | Final Action Date: Sep 20, 2022 | [Approved](#)

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- ▶ ANSI/ASTM D4726-2018, Specification for Rigid Poly(Vinyl Chloride) (PVC) Exterior-Profile Extrusions Used for Assembled Windows and Doors (revision of ANSI/ASTM D4726-2015)  
Public Review Date: Jul 6, 2018 | Final Action Date: Aug 21, 2018 | [Approved](#)

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- ▶ ANSI/ASTM D4756-2015 (R2021), Practice for Installation of Rigid Poly(Vinyl Chloride) (PVC) Siding and Soffit (reaffirmation of ANSI/ASTM D4756-2015)  
Public Review Date: Dec 18, 2020 | Final Action Date: Feb 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM D4803-2018, Test Method for Predicting Heat Buildup in PVC Building Products (revision of ANSI/ASTM D4803-2010 (R2018))  
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- ▶ ANSI/ASTM D5206-2019, Test Method for Windload Resistance of Rigid Plastic Siding (revision of ANSI/ASTM D5206-2013)  
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- ▶ ANSI/ASTM D5319-2022, Specification for Glass-Fiber Reinforced Polyester Wall and Ceiling Panels (revision of ANSI/ASTM D5319-2017)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 22, 2022 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM D5926-2015 (R2021), Specification for Poly (Vinyl Chloride) (PVC) Gaskets for Drain, Waste, and Vent (DWV), Sewer, Sanitary, and Storm Plumbing Systems (reaffirmation of ANSI/ASTM D5926-2015)  
Public Review Date: Nov 6, 2020 | Final Action Date: Dec 22, 2020 | [Approved](#)

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- ▶ ANSI/ASTM D6259-2015 (R2019), Practice for Determination of a Pooled Limit of Quantitation for a Test Method (reaffirmation of ANSI/ASTM D6259-2015)  
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- ▶ ANSI/ASTM D6299-2022, Practice for Applying Statistical Quality Assurance and Control Charting Techniques to Evaluate Analytical Measurement System Performance (revision of ANSI/ASTM D6299-2021)  
Public Review Date: Apr 8, 2022 | Final Action Date: May 24, 2022 | [Approved](#)

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- ▶ ANSI/ASTM D6300-2021, Practice for Determination of Precision and Bias Data for Use in Test Methods for Petroleum Products, Liquid Fuels, and Lubricants (revision of ANSI/ASTM D6300-2020b)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/ASTM D6617-2021, Practice for Laboratory Bias Detection Using Single Test Result from Standard Material (revision of ANSI/ASTM D6617-2017)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/ASTM D6708-2021, Practice for Statistical Assessment and Improvement of Expected Agreement Between Two Test Methods that Purport to Measure the Same Property of a Material (revision of ANSI/ASTM D6708-2019a)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/ASTM D6792-2022, Practice for Quality Management Systems in Petroleum Products, Liquid Fuels, and Lubricants Testing Laboratories (revision of ANSI/ASTM D6792-2022)  
Public Review Date: Nov 4, 2022 | Final Action Date: Dec 20, 2022 | [Approved](#)

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- ▶ ANSI/ASTM D7082-2021, Specification for Polyethylene Stay In Place Form System for End Walls for Drainage Pipe (revision of ANSI/ASTM D7082-2015)  
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- ▶ ANSI/ASTM D7254-2021, Specification for Polypropylene (PP) Siding (revision of ANSI/ASTM D7254-2020)  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 21, 2021 | [Approved](#)

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- ▶ ANSI/ASTM D7372-2021, Guide for Analysis and Interpretation of Proficiency Test Program Results (revision of ANSI/ASTM D7372-2017)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/ASTM D7445-2018, Specification for Rigid Poly(Vinyl Chloride) (PVC) Siding with Foam Plastic Backing (Backed Vinyl Siding) (revision of ANSI/ASTM D7445-2017)  
Public Review Date: Aug 4, 2017 | Final Action Date: Jan 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM D7778-2015 (R2022), Guide for Conducting an Interlaboratory Study to Determine the Precision of a Test Method (reaffirmation of ANSI/ASTM D7778-2018)  
Public Review Date: Apr 8, 2022 | Final Action Date: May 24, 2022 | [Approved](#)

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- ▶ ANSI/ASTM D7793-2021, Specification for Insulated Vinyl Siding (revision of ANSI/ASTM D7793-2021)  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 21, 2021 | [Approved](#)

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- ▶ ANSI/ASTM D7856-2021, Specification for Color and Appearance Retention of Solid and Variegated Color Plastic Siding Products using CIELab Color Space (revision of ANSI/ASTM D7856-2015A)  
PINS Date: Nov 6, 2020 | Public Review Date: Jun 4, 2021 | Final Action Date: Jul 20, 2021 | [Approved](#)

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- ▶ ANSI/ASTM D7915-2022, Practice for Application of Generalized Extreme Studentized Deviate (GESD) Technique to Simultaneously Identify Multiple Outliers in a Data Set (revision of ANSI/ASTM D7915-2018)  
Public Review Date: Apr 8, 2022 | Final Action Date: May 24, 2022 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM D7990-2021, Test Method for Using Reflectance Spectra to Produce an Index of Temperature Rise in Polymeric Siding (revision of ANSI/ASTM D7990-2015)  
Public Review Date: Mar 12, 2021 | Final Action Date: Apr 27, 2021 | [Approved](#)

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- ▶ ANSI/ASTM D8146-2022, Guide for Evaluating Test Method Capability and Fitness for Use (revision of ANSI/ASTM D8146-2018)  
Public Review Date: Nov 4, 2022 | Final Action Date: Dec 20, 2022 | [Approved](#)

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- ▶ ANSI/ASTM D8428-2022, Standard Guide for Establishing Analyst Competence to Perform a Test Method (new standard)  
PINS Date: May 13, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Dec 1, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E0620-2018, Practice for Reporting Opinions of Scientific or Technical Experts (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E1021-2018 (R2019), Test Method for Spectral Responsivity Measurements of Photovoltaic Devices (reaffirmation of ANSI/ASTM E1021-2018)  
Public Review Date: Mar 15, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E1036-2018 (R2019), Test Methods for Electrical Performance of Nonconcentrator Terrestrial Photovoltaic Modules and Arrays Using Reference Cells (reaffirmation of ANSI/ASTM E1036-2018)  
Public Review Date: Mar 15, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E1040-2018 (R2020), Specification for Physical Characteristics of Nonconcentrator Terrestrial Photovoltaic Reference Cells (reaffirmation of ANSI/ASTM E1040-2018)  
Public Review Date: May 8, 2020 | Final Action Date: Jun 23, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E105-2021, Practice for Probability Sampling of Materials (revision of ANSI/ASTM E105-2016)  
Public Review Date: May 7, 2021 | Final Action Date: Jun 22, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E108-2020, Test Methods for Fire Tests of Roof Coverings (revision of ANSI/ASTM E108-2017)  
Public Review Date: Nov 8, 2019 | Final Action Date: Apr 1, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E1125-2018 (R2020), Test Method for Calibration of Primary Non-Concentrator Terrestrial Photovoltaic Reference Cells Using a Tabular Spectrum (reaffirmation of ANSI/ASTM E1125-2018)  
Public Review Date: May 8, 2020 | Final Action Date: Jun 23, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E1129/E1129M-2019, Specification for Thermocouple Connectors (revision of ANSI/ASTM E1129/E1129M-2017)  
Public Review Date: Oct 4, 2019 | Final Action Date: Nov 19, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E1143-2018 (R2019), Test Method for Determining the Linearity of a Photovoltaic Device Parameter with Respect To a Test Parameter (reaffirmation of ANSI/ASTM E1143-2018)  
Public Review Date: Mar 15, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E1159-2020, Specification for Thermocouple Materials, Platinum-Rhodium Alloys, and Platinum (revision of ANSI/ASTM E1159-2015)  
Public Review Date: Oct 9, 2020 | Final Action Date: Nov 24, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E1169-2021, Practice for Conducting Ruggedness Tests (revision of ANSI/ASTM E1169-2020)  
Public Review Date: May 7, 2021 | Final Action Date: Jun 22, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E1171-2018 (R2019), Test Methods for Photovoltaic Modules in Cyclic Temperature and Humidity Environments (reaffirmation of ANSI/ASTM E1171-2018)  
Public Review Date: Mar 15, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM E1188-2011 (2017), Standard Practice for Collection and Preservation of Information and Physical Items by a Technical Investigator (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E119-2022, Test Methods for Fire Tests of Building Construction and Materials (revision of ANSI/ASTM E119-2020)  
Public Review Date: May 6, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E122-2022, Practice for Calculating Sample Size to Estimate, With Specified Precision, the Average for a Characteristic of a Lot or Process (reaffirmation of ANSI/ASTM E122-2017)  
Public Review Date: Mar 11, 2022 | Final Action Date: Apr 26, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E1302-2013 (R2017), Guide for Acute Animal Toxicity Testing of Water-Miscible Metalworking Fluids (reaffirmation of ANSI/ASTM E1302-2013)  
Public Review Date: Sep 8, 2017 | Final Action Date: Oct 24, 2017 | [Approved](#)

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- ▶ ANSI/ASTM E1317-2019, Test Method for Flammability of Marine Surface Finishes (revision of ANSI/ASTM E1317-2012)  
Public Review Date: Oct 5, 2018 | Final Action Date: Apr 15, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E1321-2018, Test Method for Determining Material Ignition and Flame Spread Properties (revision of ANSI/ASTM E1321-2013)  
Public Review Date: Oct 5, 2018 | Final Action Date: Nov 20, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E1323-2015 (R2020), Guide for Evaluating Laboratory Measurement Practices and the Statistical Analysis of the Resulting Data (reaffirmation of ANSI/ASTM E1323-2015)  
Public Review Date: Jun 12, 2020 | Final Action Date: Sep 1, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E1325-2021, Terminology Relating to Design of Experiments (revision of ANSI/ASTM E1325-2016)  
Public Review Date: May 7, 2021 | Final Action Date: Jun 22, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E1350-2018, Guide for Testing Sheathed Thermocouples, Thermocouples Assemblies, and Connecting Wires Prior to, and After Installation or Service (revision of ANSI/ASTM E1350-2017)  
Public Review Date: Apr 6, 2018 | Final Action Date: May 22, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E1354-2022c, Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter (revision of ANSI/ASTM E1354-2022B)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E1355-2012 (R2018), Guide for Evaluating the Predictive Capability of Deterministic Fire Models (reaffirmation of ANSI/ASTM E1355-2012)  
Public Review Date: Jun 1, 2018 | Final Action Date: Jul 17, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E136-2022, Test Method for Assessing Combustibility of Materials Using a Vertical Tube Furnace at 750C (revision of ANSI/ASTM E136-2019)  
Public Review Date: Jun 4, 2021 | Final Action Date: Oct 1, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E1362-2018 (R2019), Test Methods for Calibration of Non-Concentrator Photovoltaic Non-Primary Reference Cells (reaffirmation of ANSI/ASTM E1362-2018)  
Public Review Date: Mar 15, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E1386-2015, Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Solvent Extraction (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 23, 2021 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM E1388-2017, Standard Practice for Static Headspace Sampling of Vapors from Fire Debris Samples (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E1402-2013 (R2018), Guide for Sampling Design (reaffirmation of ANSI/ASTM E1402-2013)  
Public Review Date: Oct 5, 2018 | Final Action Date: Nov 20, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E141-2010 (R2018), Practice for Acceptance of Evidence Based on the Results of Probability Sampling (reaffirmation of ANSI/ASTM E141-2010)  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E1412-2019, Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Passive Headspace Concentration with Activated Charcoal (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E1413-2019, Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Dynamic Headspace Concentration onto an Adsorbent Tube (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E1459-2013 (2018), Standard Guide for Physical Evidence Labeling and Related Documentation (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E1462-2018a, Test Methods for Insulation Integrity and Ground Path Continuity of Photovoltaic Modules (new standard)  
PINS Date: Oct 6, 2017 | Public Review Date: Jan 5, 2018 | Final Action Date: Feb 20, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E1474-2022, Test Method for Determining the Heat Release Rate of Upholstered Furniture and Mattress Components or Composites Using a Bench Scale Oxygen Consumption Calorimeter (revision of ANSI/ASTM E1474-2021)  
Public Review Date: Mar 11, 2022 | Final Action Date: Apr 26, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E1488-2012 (R2018), Guide for Statistical Procedures to Use in Developing and Applying Test Methods (reaffirmation of ANSI/ASTM E1488-2012)  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E1492-2011 (2017), Standard Practice for Receiving, Documenting, Storing, and Retrieving Evidence in a Forensic Science Laboratory (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E1497-2017, Practice for Selection and Safe Use of Water-Miscible and Straight Oil Metal Removal Fluids (revision of ANSI/ASTM E1497-2005 (R2011))  
Public Review Date: Sep 8, 2017 | Final Action Date: Oct 24, 2017 | [Approved](#)

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- ▶ ANSI/ASTM E1529-2022, Test Methods for Determining Effects of Large Hydrocarbon Pool Fires on Structural Members and Assemblies (revision of ANSI/ASTM E1529-2016)  
PINS Date: Mar 11, 2022 | Public Review Date: Apr 22, 2022 | Final Action Date: Jun 7, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E1537-2022, Test Method for Fire Testing of Upholstered Furniture (revision of ANSI/ASTM E1537-2016)  
PINS Date: Mar 11, 2022 | Public Review Date: Apr 22, 2022 | Final Action Date: Jun 7, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E1546-2021, Guide for Development of Fire-Hazard-Assessment Standards (new standard)  
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- ▶ ANSI/ASTM E1588-2020, Standard Practice for Gunshot Residue Analysis by Scanning Electron Microscopy/Energy Dispersive X-Ray Spectrometry (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM E1590-2022, Test Method for Fire Testing of Mattresses (revision of ANSI/ASTM E1590-2017)  
Public Review Date: Sep 3, 2021 | Final Action Date: Jan 15, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E1591-2020, Guide for Obtaining Data for Fire Growth Models (revision of ANSI/ASTM E1591-2013)  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E1597-2018 (R2019), Test Method for Saltwater Pressure Immersion and Temperature Testing of Photovoltaic Modules for Marine Environments (reaffirmation of ANSI/ASTM E1597-2018)  
Public Review Date: Mar 15, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E1610-2018, Standard Guide for Forensic Paint Analysis and Comparison (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E1618-2019, Standard Test Method for Ignitable Liquid Residues in Extracts from Fire Debris Samples by Gas Chromatography-Mass Spectrometry (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E162-2022, Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source (revision of ANSI/ASTM E162-2021)  
Public Review Date: May 6, 2022 | Final Action Date: Jul 1, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E1623-2022a, Test Method for Determination of Fire and Thermal Parameters of Materials, Products, and Systems Using an Intermediate Scale Calorimeter (ICAL) (revision of ANSI/ASTM E1623-2022)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E1652-2021, Specification for Magnesium Oxide and Aluminum Oxide Powder and Crushable Insulators Used in the Manufacture of Base Metal Thermocouples, Metal-Sheathed Platinum Resistance Thermometers, and Noble Metal Thermocouples (revision of ANSI/ASTM E1652-2017)  
Public Review Date: Oct 8, 2021 | Final Action Date: Nov 23, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E1678-2021a, Test Method for Measuring Smoke Toxicity for Use in Fire Hazard Analysis (revision of ANSI/ASTM E1678-2021)  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 21, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E1684/E1684M-2019, Specification for Miniature Thermocouple Connectors (revision of ANSI/ASTM E1684/E1684M-2017)  
Public Review Date: Oct 4, 2019 | Final Action Date: Nov 19, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E1687-2019, Test Method for Determining Carcinogenic Potential of Virgin Base Oils in Metalworking Fluids (revision of ANSI/ASTM E1687-2010 (R2014))  
Public Review Date: Oct 4, 2019 | Final Action Date: Nov 19, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E1725-2019a, Test Methods for Fire Tests of Fire-Resistive Barrier Systems for Electrical System Components (revision of ANSI/ASTM E1725-2014)  
Public Review Date: Mar 15, 2019 | Final Action Date: Jul 15, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E1740-2022, Test Method for Determining the Heat Release Rate and Other Fire-Test-Response Characteristics of Wall Covering or Ceiling Covering Composites Using a Cone Calorimeter (revision of ANSI/ASTM E1740-2020A)  
Public Review Date: Mar 11, 2022 | Final Action Date: Apr 26, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E1751/E1751M-2020, Guide for Temperature Electromotive Force (emf) Tables for Non-Letter Designated Thermocouple Combinations (revision of ANSI/ASTM E1751/E1751M-2015)  
Public Review Date: Oct 9, 2020 | Final Action Date: Nov 24, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E176-2021a, Terminology of Fire Standards (revision of ANSI/ASTM E176-2021)  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 21, 2021 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM E177-2020, Practice for Use of the Terms Precision and Bias in ASTM Test Methods (revision of ANSI/ASTM E177-2019)  
Public Review Date: Sep 4, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E1776-2022, Guide for Development of Fire-Risk-Assessment Standards (revision of ANSI/ASTM E1776-2016)  
Public Review Date: Sep 3, 2021 | Final Action Date: Feb 1, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E178-2021, Practice for Dealing With Outlying Observations (revision of ANSI/ASTM E178-2016)  
Public Review Date: May 7, 2021 | Final Action Date: Jun 22, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E1799-2018 (R2018), Practice for Visual Inspections of Photovoltaic Modules (reaffirmation of ANSI/ASTM E1799-2018)  
Public Review Date: Apr 6, 2018 | Final Action Date: May 22, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E18-2022, Test Methods for Rockwell Hardness of Metallic Materials (revision of ANSI/ASTM E18-2020)  
Public Review Date: Sep 3, 2021 | Final Action Date: May 1, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E1802-2018 (R2018), Test Methods for Wet Insulation Integrity Testing of Photovoltaic Modules (reaffirmation of ANSI/ASTM E1802-2018)  
Public Review Date: Apr 6, 2018 | Final Action Date: May 22, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E1822-2021, Test Method for Fire Testing of Stacked Chairs (revision of ANSI/ASTM E1822-2017)  
Public Review Date: Sep 3, 2021 | Final Action Date: Nov 15, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E1843-2020, Standard Guide for Sexual Violence Investigation, Examination, and Evidence Collection Protocol (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E1966-2015 (R2019), Test Method for Fire-Resistive Joint Systems (reaffirmation of ANSI/ASTM E1966-2015)  
Public Review Date: Mar 15, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E1967-2019, Standard Test Method for the Automated Determination of Refractive Index of Glass Samples Using the Oil Immersion Method and a Phase Contrast Microscope (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E1968-2019, Standard Practice for Microcrystal Testing in Forensic Analysis for Cocaine (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E1969-2019, Standard Practice for Microcrystal Testing in Forensic Analysis for Methamphetamine and Amphetamine (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E1994-2009 (R2018), Practice for Use of Process Oriented AOQL and LTPD Sampling Plans (reaffirmation of ANSI/ASTM E1994-2009)  
Public Review Date: Aug 10, 2018 | Final Action Date: Sep 25, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E1995-2021, Test Method for Measurement of Smoke Obscuration Using a Conical Radiant Source in a Single Closed Chamber, With the Test Specimen Oriented Horizontally (revision of ANSI/ASTM E1995-2018)  
Public Review Date: Sep 4, 2020 | Final Action Date: Jun 1, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2032-2021, Guide for Extension of Data From Fire Resistance Tests Conducted in Accordance with ASTM E119 (revision of ANSI/ASTM E2032-2009 (R2017))  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 21, 2021 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM E2047-2018 (R2019), Test Method for Wet Insulation Integrity Testing of Photovoltaic Arrays (reaffirmation of ANSI/ASTM E2047-2018)  
Public Review Date: Mar 15, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E2057-2010 (2015), Standard Specifications for Preparation of Laboratory Analysis Requests in Sexual Assault Investigations (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2058-2019, Test Methods for Measurement of Material Flammability Using a Fire Propagation Apparatus (FPA) (revision of ANSI/ASTM E2058-2013A)  
Public Review Date: Jun 7, 2019 | Final Action Date: Jul 23, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E2061-2020, Guide for Fire Hazard Assessment of Rail Transportation Vehicles (revision of ANSI/ASTM E2061-2018)  
Public Review Date: Jun 12, 2020 | Final Action Date: Jul 28, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E2067-2022, Practice for Full-Scale Oxygen Consumption Calorimetry Fire Tests (revision of ANSI/ASTM E2067-2020)  
Public Review Date: Mar 11, 2022 | Final Action Date: Jul 1, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E207-2021, Test Method for Thermal EMF Test of Single Thermoelement Materials by Comparison with a Reference Thermoelement of Similar EMF-Temperature Properties (revision of ANSI/ASTM E207-2017)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2072-2014, Specification for Photoluminescent (Phosphorescent) Safety Markings (revision of ANSI/ASTM E2072-2010)  
Public Review Date: Apr 4, 2014 | Final Action Date: Aug 1, 2014 | [Approved](#)

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- ▶ ANSI/ASTM E2073-2019, Test Method for Photopic Luminance of Photoluminescent (Phosphorescent) Markings (revision of ANSI/ASTM E2073-2019)  
Public Review Date: Oct 4, 2019 | Final Action Date: Nov 19, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E2102-2021, Test Method for Measurement of Mass Loss and Ignitability for Screening Purposes Using a Conical Radiant Heater (revision of ANSI/ASTM E2102-2017)  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 21, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2123-2020, Standard Practice for Preservation of Evidence in Sexual Violence Investigation (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2124-2020, Standard Specification for Equipment and Supplies in Sexual Violence Investigations (new standard)  
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- ▶ ANSI/ASTM E2125-2019, Standard Practice for Microcrystal Testing in Forensic Analysis for Phencyclidine and Its Analogues (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2144-2021, Practice for Personal Sampling and Analysis of Endotoxin in Metalworking Fluid Aerosols in Workplace Atmospheres (revision of ANSI/ASTM E2144-2011 (R2016))  
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- ▶ ANSI/ASTM E2148-2021, Guide for Using Documents Related to Metalworking or Metal Removal Fluid Health and Safety (revision of ANSI/ASTM E2148-2016)  
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**ASTM (ASTM International)**

- ▶ ANSI/ASTM E2154-2015a, Standard Practice for Separation and Concentration of Ignitable Liquid Residues from Fire Debris Samples by Passive Headspace Concentration with Solid Phase Microextraction (SPME) (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2159-2015, Guide for Selection, Assignment, and Monitoring of Persons to Be Utilized as Assessors/Auditors or Technical Experts (revision of ANSI/ASTM E2159-2008)  
Public Review Date: Apr 10, 2015 | Final Action Date: Jun 15, 2015 | [Approved](#)

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- ▶ ANSI/ASTM E2169-2022, Practice for Selecting Antimicrobial Pesticides for Use in Water-Miscible Metalworking Fluids (revision of ANSI/ASTM E2169-2017)  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 18, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E2181-2019, Specification for Compacted Mineral-Insulated, Metal-Sheathed, Noble Metal Thermocouples and Thermocouple Cable (revision of ANSI/ASTM E2181-2017)  
Public Review Date: Aug 9, 2019 | Final Action Date: Sep 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E2187-2020, Test Method for Measuring the Ignition Strength of Cigarettes (revision of ANSI/ASTM E2187-2020)  
Public Review Date: Oct 4, 2019 | Final Action Date: May 1, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E220-2019, Test Method for Calibration of Thermocouples By Comparison Techniques (revision of ANSI/ASTM E220-2017)  
Public Review Date: Aug 9, 2019 | Final Action Date: Sep 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E2224-2019, Standard Guide for Forensic Analysis of Fibers by Infrared Spectroscopy (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2225-2021, Standard Guide for Forensic Examination of Fabrics and Cordage (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2226-2015 (R2019), Practice for Application of Hose Stream (reaffirmation of ANSI/ASTM E2226-2015)  
Public Review Date: Mar 15, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E2228-2019, Standard Guide for Microscopical Examination of Textile Fibers (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2231-2021, Practice for Specimen Preparation and Mounting of Pipe and Duct Insulation Materials to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2231-2019)  
Public Review Date: Sep 3, 2021 | Final Action Date: Dec 15, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2234-2009 (R2018), Practice for Sampling a Stream of Product by Attributes Indexed by AQL (reaffirmation of ANSI/ASTM E2234-2009)  
Public Review Date: Aug 10, 2018 | Final Action Date: Sep 25, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E2236-2018 (R2019), Test Methods for Measurement of Electrical Performance and Spectral Response of Nonconcentrator Multijunction Photovoltaic Cells and Modules (reaffirmation of ANSI/ASTM E2236-2018)  
Public Review Date: Mar 15, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E2257-2022, Test Method for Room Fire Test of Wall and Ceiling Materials and Assemblies (revision of ANSI/ASTM E2257-2017)  
Public Review Date: Mar 11, 2022 | Final Action Date: Apr 26, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E2280-2022, Guide for Fire Hazard Assessment of the Effect of Upholstered Seating Furniture Within Patient Rooms of Health Care Facilities (revision of ANSI/ASTM E2280-2017)  
Public Review Date: Nov 5, 2021 | Final Action Date: May 1, 2022 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM E2281-2015 (R2020), Practice for Process Capability and Performance Measurement (reaffirmation of ANSI/ASTM E2281-2015)  
Public Review Date: Sep 4, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E2282-2014 (R2019), Guide for Defining the Test Result of a Test Method (reaffirmation of ANSI/ASTM E2282-2014)  
Public Review Date: Mar 15, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E23-2023, Test Methods for Notched Bar Impact Testing of Metallic Materials (revision of ANSI/ASTM E23-2022)  
Public Review Date: Nov 4, 2022 | Final Action Date: Jan 1, 2023 | [Approved](#)

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- ▶ ANSI/ASTM E230-2022, Specification for Temperature-Electromotive Force (emf) Tables for Standardized Thermocouples (revision of ANSI/ASTM E230-2017)  
Public Review Date: Apr 8, 2022 | Final Action Date: Oct 1, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E2307-2020, Test Method for Determining Fire Resistance of Perimeter Fire Barriers Using Intermediate-Scale, Multi-story Test Apparatus (revision of ANSI/ASTM E2307-2019)  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E2326-2014, Standard Practice for Education and Training of Seized-Drug Analysts (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2327-2015, Standard Practice for Quality Assurance of Laboratories Performing Seized-Drug Analysis (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2329-2017, Standard Practice for Identification of Seized Drugs (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

---
- ▶ ANSI/ASTM E2330-2019, Standard Test Method for Determination of Concentrations of Elements in Glass Samples Using Inductively Coupled Plasma Mass Spectrometry (ICP-MS) for Forensic Comparisons (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2334-2008 (R2018), Practice for Setting an Upper Confidence Bound for a Fraction or Number of Non-Conforming items, or a Rate of Occurrence for Non-Conformities, Using Attribute Data, When There Is a Zero Response in the Sample (reaffirmation of ANSI/ASTM E2334-2008 (R2013))  
Public Review Date: Aug 10, 2018 | Final Action Date: Sep 25, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E2335-2022, Guide for Laboratory Monitors (revision of ANSI/ASTM E2335-2017)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E2336-2020, Test Methods for Fire Resistive Grease Duct Enclosure Systems (revision of ANSI/ASTM E2336-2016)  
Public Review Date: Jun 1, 2018 | Final Action Date: Apr 1, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E235-2019, Specification for Type K and Type N Mineral-Insulated, Metal-Sheathed Thermocouples for Nuclear or for Other High-Reliability Applications (revision of ANSI/ASTM E235-2017 (R2018))  
Public Review Date: Apr 5, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E2404-2022, Practice for Specimen Preparation and Mounting of Textile, Paper or Polymeric (Including Vinyl) and Wood Wall or Ceiling Coverings, Facings and Veneers, to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2404-2017)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 22, 2022 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM E2451-2021, Standard Practice for Preserving Ignitable Liquids and Ignitable Liquid Residue Extracts from Fire Debris Samples (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2481-2018 (R2018), Test Method for Hot Spot Protection Testing of Photovoltaic Modules (reaffirmation of ANSI/ASTM E2481-2018)  
Public Review Date: Apr 6, 2018 | Final Action Date: May 22, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E2489-2021, Practice for Statistical Analysis of One-Sample and Two-Sample Interlaboratory Proficiency Testing Programs (revision of ANSI/ASTM E2489-2016)  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 21, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2523-2013 (R2018), Terminology for Metalworking Fluids and Operations (reaffirmation of ANSI/ASTM E2523-2013)  
Public Review Date: Sep 7, 2018 | Final Action Date: Oct 23, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E2527-2018 (R2019), Test Method for Electrical Performance of Concentrator Terrestrial Photovoltaic Modules and Systems Under Natural Sunlight (reaffirmation of ANSI/ASTM E2527-2018)  
Public Review Date: Mar 15, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E2536-2021, Guide for Assessment of Measurement Uncertainty in Fire Tests (revision of ANSI/ASTM E2536-2015A)  
Public Review Date: Oct 29, 2021 | Final Action Date: Dec 13, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2548-2016, Standard Guide for Sampling Seized Drugs for Qualitative and Quantitative Analysis (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2549-2014, Standard Practice for Validation of Seized-Drug Analytical Methods (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2554-2018, Practice for Estimating and Monitoring the Uncertainty of Test Results of a Test Method Using Control Chart Techniques (revision of ANSI/ASTM E2554-2013)  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E2555-2021, Practice for Factors and Procedures for Applying the MIL-STD-105 Plans in Life and Reliability Inspection (revision of ANSI/ASTM E2555-2012 (R2018))  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2563-2018, Practice for Enumeration of Non-Tuberculosis Mycobacteria in Aqueous Metalworking Fluids by Plate Count Method (revision of ANSI/ASTM E2563-2013)  
Public Review Date: Sep 7, 2018 | Final Action Date: Oct 23, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E2564-2018, Practice for Enumeration of Mycobacteria in Metalworking Fluids by Direct Microscopic Counting (DMC) Method (revision of ANSI/ASTM E2564-2013)  
Public Review Date: Sep 7, 2018 | Final Action Date: Oct 23, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E2573-2019, Practice for Specimen Preparation and Mounting of Site-Fabricated Stretch Systems to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2573-2017)  
Public Review Date: Sep 6, 2019 | Final Action Date: Dec 15, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E2574/E2574M-2017 (R2021), Test Method for Fire Testing of School Bus Seat Assemblies (reaffirmation of ANSI/ASTM E2574/E2574M-2017)  
Public Review Date: Mar 12, 2021 | Final Action Date: Apr 27, 2021 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM E2579-2021, Practice for Specimen Preparation and Mounting of Wood Products to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2579-2021)  
Public Review Date: Jun 4, 2021 | Final Action Date: Aug 1, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2586-2019, Practice for Calculating and Using Basic Statistics (revision of ANSI/ASTM E2586-2018)  
Public Review Date: Mar 15, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E2587-2016 (R2021), Practice for Use of Control Charts in Statistical Process Control (reaffirmation of ANSI/ASTM E2587-2016)  
Public Review Date: Apr 2, 2021 | Final Action Date: Jul 15, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2599-2022, Practice for Specimen Preparation and Mounting of Reflective Insulation, Radiant Barrier and Vinyl Stretch Ceiling Materials for Building Applications to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2599-2018)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E2632-2020, Test Method for Evaluating the Under-Deck Fire Test Response of Deck Materials (revision of ANSI/ASTM E2632-2013)  
Public Review Date: Mar 15, 2019 | Final Action Date: Feb 1, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E2652-2022, Test Method for Assessing Combustibility of Materials Using a Tube Furnace with a Cone-shaped Airflow Stabilizer, at 750C (revision of ANSI/ASTM E2652-2019)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E2653-2021, Practice for Conducting an Interlaboratory Study to Determine Precision Estimates for a Fire Test Method with Fewer Than Six Participating Laboratories (revision of ANSI/ASTM E2653-2015)  
Public Review Date: Sep 3, 2021 | Final Action Date: Dec 1, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2655-2014 (R2020), Guide for Reporting Uncertainty of Test Results and Use of the Term Measurement Uncertainty in ASTM Test Methods (reaffirmation of ANSI/ASTM E2655-2014)  
Public Review Date: Dec 6, 2019 | Final Action Date: Jan 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E2657-2021, Practice for Determination of Endotoxin Concentrations in Water-Miscible Metalworking Fluids (revision of ANSI/ASTM E2657-2016)  
Public Review Date: Oct 8, 2021 | Final Action Date: Nov 23, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2659-2018, Practice for Certificate Programs (revision of ANSI/ASTM E2659-2017)  
Public Review Date: Dec 8, 2017 | Final Action Date: Jan 23, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E2685-2018 (R2019), Specification for Steel Blades Used with the Photovoltaic Module Surface Cut Test (reaffirmation of ANSI/ASTM E2685-2018)  
Public Review Date: Mar 15, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E2688-2018, Practice for Specimen Preparation and Mounting of Tapes to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2688-2016)  
Public Review Date: Oct 6, 2017 | Final Action Date: Mar 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E2690-2022, Practice for Specimen Preparation and Mounting of Caulks and Sealants to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2690-2017B)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E2693-2019, Practice for Prevention of Dermatitis in the Wet Metal Removal Fluid Environment (revision of ANSI/ASTM E2693-2014)  
Public Review Date: Oct 4, 2019 | Final Action Date: Nov 19, 2019 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM E2694-2021, Test Method for Measurement of Adenosine Triphosphate in Water-Miscible Metalworking Fluids (revision of ANSI/ASTM E2694-2016)  
Public Review Date: Oct 8, 2021 | Final Action Date: Nov 23, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2696-2021, Practice for Life and Reliability Testing Based on the Exponential Distribution (revision of ANSI/ASTM E2696-2009 (R2018))  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2707-2022, Test Method for Determining Fire Penetration of Exterior Wall Assemblies Using a Direct Flame Impingement Exposure (revision of ANSI/ASTM E2707-2015)  
PINS Date: Mar 11, 2022 | Public Review Date: Apr 22, 2022 | Final Action Date: Jun 7, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E2708-2021a, Terminology for Accreditation and Certification (revision of ANSI/ASTM E2708-2018A)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2709-2019, Practice for Demonstrating Capability to Comply with an Acceptance Procedure (revision of ANSI/ASTM E2709-2014)  
Public Review Date: Mar 15, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E2726/E2726M-2012a (R2017), Test Method for Evaluating the Fire-Test-Response of Deck Structures to Burning Brands (reaffirmation of ANSI/ASTM E2726-2012a)  
Public Review Date: Oct 6, 2017 | Final Action Date: Dec 15, 2017 | [Approved](#)

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- ▶ ANSI/ASTM E2730-2022, Guide for Calibration and Use of Thermocouple Reference Junction Probes in Evaluation of Electronic Reference Junction Compensation Circuits (revision of ANSI/ASTM E2730-2021)  
Public Review Date: Apr 8, 2022 | Final Action Date: May 24, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E2748-2012A (R2017), Guide for Fire-Resistance Experiments (reaffirmation of ANSI/ASTM E2748-2012A)  
Public Review Date: Dec 2, 2016 | Final Action Date: Jan 17, 2017 | [Approved](#)

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- ▶ ANSI/ASTM E2749-2010 (R2019), Practice for Measuring the Uniformity of Furnace Exposure on Test Specimens (reaffirmation of ANSI/ASTM E2749-2010 (R2014))  
Public Review Date: Mar 15, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E2750-2022, Guide for Extension of Data from Penetration Firestop System Tests Conducted in Accordance with ASTM E814 (revision of ANSI/ASTM E2750-2017)  
Public Review Date: Apr 8, 2022 | Final Action Date: May 24, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E2762-2010 (R2020), Practice for Sampling a Stream of Product by Variables Indexed by AQL (reaffirmation of ANSI/ASTM E2762-2010 (R2014))  
Public Review Date: Dec 6, 2019 | Final Action Date: Jan 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E2766-2018 (R2019), Practice for Installation of Roof Mounted Photovoltaic Arrays on Steep-Slope Roofs (reaffirmation of ANSI/ASTM E2766-2018)  
Public Review Date: Mar 15, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E2768-2011 (R2018), Test Method for Extended Duration Surface Burning Characteristics of Building Materials (30 min Tunnel Test) (reaffirmation of ANSI/ASTM E2768-2011)  
Public Review Date: Mar 10, 2017 | Final Action Date: Aug 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E2782-2022, Guide for Measurement Systems Analysis (MSA) (reaffirmation of ANSI/ASTM E2782-2017)  
Public Review Date: Mar 11, 2022 | Final Action Date: May 15, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E2808-2021a, Standard Guide for Microspectrophotometry in Forensic Paint Analysis (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 16, 2021 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM E2809-2013, Standard Guide for Using Scanning Electron Microscopy/X-Ray Spectrometry in Forensic Paint Examinations (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2816-2020, Test Methods for Fire Resistive Metallic HVAC Duct Systems (revision of ANSI/ASTM E2816-2018B)  
Public Review Date: Nov 8, 2019 | Final Action Date: Apr 15, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E2819-2011 (R2021), Practice for Single- and Multi-Level Continuous Sampling of a Stream of Product by Attributes Indexed by AQL (reaffirmation of ANSI/ASTM E2819-2011 (R2015))  
Public Review Date: Jun 12, 2020 | Final Action Date: Jun 1, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2820-2017 (R2019), Test Method for Evaluating Thermal EMF Properties of Base-Metal Thermocouple Connectors (reaffirmation of ANSI/ASTM E2820-2017)  
Public Review Date: Apr 5, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E2825-2021, Standard Guide for Forensic Digital Image Processing (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2833-2012 (R2018), Practice for Certification Bodies that Certify Personnel Engaged in Inspection and Testing of Construction Activities and Materials Used in Construction, Including Special Inspection (reaffirmation of ANSI/ASTM E2833-2012)  
Public Review Date: Feb 2, 2018 | Final Action Date: Mar 20, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E2837-2013 (R2017), Test Method for Determining the Fire Resistance of Continuity Head-of-Wall Joint Systems Installed Between Rated Wall Assemblies and Nonrated Horizontal Assemblies (reaffirmation of ANSI/ASTM E2837-2013)  
Public Review Date: Mar 10, 2017 | Final Action Date: Apr 28, 2017 | [Approved](#)

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- ▶ ANSI/ASTM E2846-2020, Guide for Thermocouple Verification (revision of ANSI/ASTM E2846-2017)  
Public Review Date: Dec 6, 2019 | Final Action Date: Jan 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E2848-2018 (R2018), Test Method for Reporting Photovoltaic Non-Concentrator System Performance (reaffirmation of ANSI/ASTM E2848-2018)  
Public Review Date: Apr 6, 2018 | Final Action Date: May 22, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E2849-2018, Practice for Professional Certification Performance Testing (revision of ANSI/ASTM E2849-2013)  
Public Review Date: Oct 5, 2018 | Final Action Date: Nov 20, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E2874-2019, Test Method For Determining the Fire Performance of Building Perimeter Containment Systems Due to External Spread of Fire (new standard)  
PINS Date: Nov 5, 2010 | Public Review Date: Sep 13, 2013 | Final Action Date: Feb 1, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E2881-2018, Standard Test Method for Extraction and Derivatization of Vegetable Oils and Fats from Fire Debris and Liquid Samples with Analysis by Gas Chromatography-Mass Spectrometry (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2882-2019, Standard Guide for Analysis of Clandestine Drug Laboratory Evidence (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2886/E2886M-2020, Test Method for Evaluating the Ability of Exterior Vents to Resist the Entry of Embers and Direct Flame Impingement (revision of ANSI/ASTM E2886/E2886M-2014)  
Public Review Date: Sep 4, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM E2889-2012 (R2017), Practice for Control of Respiratory Hazards in the Metal Removal Fluid Environment (reaffirmation of ANSI/ASTM E2889-2012)  
Public Review Date: Sep 8, 2017 | Final Action Date: Oct 14, 2017 | [Approved](#)

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- ▶ ANSI/ASTM E29-2022, Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications (revision of ANSI/ASTM E29-2013 (R2019))  
Public Review Date: Mar 11, 2022 | Final Action Date: Apr 26, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E2908-2018 (R2018), Guide for Fire Prevention for Photovoltaic Panels, Modules, and Systems (reaffirmation of ANSI/ASTM E2908-2018)  
Public Review Date: Apr 6, 2018 | Final Action Date: May 22, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E2910-2012 (R2018), Guide for Preferred Methods for Acceptance of Product (reaffirmation of ANSI/ASTM E2910-2012)  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E2912-2017, Test Method for Fire Test of Non-Mechanical Fire Dampers Used in Vented Construction (revision of ANSI/ASTM E2912-2013)  
Public Review Date: Jun 9, 2017 | Final Action Date: Aug 1, 2017 | [Approved](#)

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- ▶ ANSI/ASTM E2916-2019, Standard Terminology for Digital and Multimedia Evidence Examination (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2917-2019a, Standard Practice for Forensic Science Practitioner Training, Continuing Education, and Professional Development Programs (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2926-2017, Standard Test Method for Forensic Comparison of Glass Using Micro X-ray Fluorescence (-XRF) Spectrometry (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2927-2016, Standard Test Method for Determination of Trace Elements in Soda-Lime Glass Samples Using Laser Ablation Inductively Coupled Plasma Mass Spectrometry for Forensic Comparisons (new standard)  
Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2935-2021, Practice for Conducting Equivalence Tests for Comparing Testing Processes (revision of ANSI/ASTM E2935-2020)  
Public Review Date: May 7, 2021 | Final Action Date: Jun 22, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2937-2018, Standard Guide for Using Infrared Spectroscopy in Forensic Paint Examinations (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2939-2018 (R2018), Practice for Determining Reporting Conditions and Expected Capacity for Photovoltaic Non-Concentrator Systems (reaffirmation of ANSI/ASTM E2939-2018)  
Public Review Date: Apr 6, 2018 | Final Action Date: May 22, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E2957-2017, Test Method for Resistance to Wildfire Penetration of Eaves, Soffits and Other Projections (revision of ANSI/ASTM E2957-2015)  
Public Review Date: Mar 10, 2017 | Final Action Date: May 1, 2017 | [Approved](#)

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- ▶ ANSI/ASTM E2965-2022a, Test Method for Determination of Low Levels of Heat Release Rate for Materials and Products Using an Oxygen Consumption Calorimeter (revision of ANSI/ASTM E2965-2022)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 22, 2022 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM E2988-2017 (R2022), Practice for Specimen Preparation and Mounting of Flexible Fibrous Glass Insulation for Metal Buildings to Assess Surface Burning Characteristics (reaffirmation of ANSI/ASTM E2988-2017)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E2989-2019, Guide for Assessment of Continued Applicability of Reaction to Fire Test Reports Used in Building Regulation (revision of ANSI/ASTM E2989-2019)  
Public Review Date: Sep 6, 2019 | Final Action Date: Dec 15, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E2997-2016, Standard Test Method for Analysis of Biodiesel Products by Gas Chromatography-Mass Spectrometry (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2998-2016, Standard Practice for Characterization and Classification of Smokeless Powder (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E2999-2017, Standard Test Method for Analysis of Organic Compounds in Smokeless Powder by Gas Chromatography-Mass Spectrometry and Fourier Transform Infrared Spectroscopy (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3006-2020, Practice for Ultraviolet Conditioning of Photovoltaic Modules or Mini-Modules Using a Fluorescent Ultraviolet (UV) Lamp Apparatus (revision of ANSI/ASTM E3006-2018)  
Public Review Date: Oct 4, 2019 | Final Action Date: Jan 15, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E3010-2015 (R2019), Practice for Installation, Commissioning, Operation, and Maintenance Process (ICOMP) of Photovoltaic Arrays (reaffirmation of ANSI/ASTM E3010-2015)  
Public Review Date: Mar 15, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E3016-2018, Standard Guide for Establishing Confidence in Digital and Multimedia Evidence Forensic Results by Error Mitigation Analysis (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3017-2019, Standard Practice for Examining Magnetic Card Readers (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3020-2022, Practice for Ignition Sources (revision of ANSI/ASTM E3020-2016A)  
Public Review Date: Sep 3, 2021 | Final Action Date: Feb 1, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E3021/E3021M-2015 (R2019), Guide for Evaluating the Relative Effectiveness of Building Systems to Resist the Passage of Products of Combustion Based on the Aggregation of Leakage Rates (reaffirmation of ANSI/ASTM E3021/E3021M-2015)  
Public Review Date: Mar 15, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E3046-2015, Standard Guide for Core Competencies for Mobile Phone Forensics (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3048-2022a, Test Method for Determination of Time to Burn-Through Using the Intermediate Scale Calorimeter (ICAL) Radiant Panel (revision of ANSI/ASTM E3048-2022)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E3080-2019, Practice for Regression Analysis (revision of ANSI/ASTM E3080-2017)  
Public Review Date: Aug 9, 2019 | Final Action Date: Sep 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E3082-2017, Test Methods ForDetermining the Effectiveness of Fire Retardant Treatments for Natural Christmas Trees (new standard)  
PINS Date: Jul 12, 2013 | Public Review Date: Jun 9, 2017 | Final Action Date: Jul 25, 2017 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM E3085-2017, Standard Guide for Fourier Transform Infrared Spectroscopy in Forensic Tape Examinations (new standard)

PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3115-2017, Standard Guide for Capturing Facial Images for Use with Facial Recognition Systems (new standard)

PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3134-2020, Specification for Transportation Tunnel Structural Components and Passive Fire Protection Systems (revision of ANSI/ASTM E3134-2017)

Public Review Date: Sep 6, 2019 | Final Action Date: Jan 1, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E3148-2018, Standard Guide for Postmortem Facial Image Capture (new standard)

PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3149-2018, Standard Guide for Facial Image Comparison Feature List for Morphological Analysis (new standard)

PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3150-2018, Standard Guide for Forensic Audio Laboratory Setup and Maintenance (new standard)

PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3159-2021, Guide for General Reliability (revision of ANSI/ASTM E3159-2018)

Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3175-2022, Practice for Training in the Forensic Examination of Hair by Microscopy (new standard)

PINS Date: Aug 6, 2021 | Public Review Date: Feb 4, 2022 | Final Action Date: Nov 1, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E3182-2020, Practice for Preparing an Occupant Exposure Screening Report (OESR) for Substances in Installed Building Products (new standard)

Public Review Date: Jul 12, 2019 | Final Action Date: Jan 1, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E3189-2019, Standard Practice for Separation of Ignitable Liquid Residues from Fire Debris Samples by Static Headspace Concentration onto an Adsorbent Tube (new standard)

PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3196-2021, Terminology Relating to the Examination of Explosives (new standard)

PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3197-2020, Standard Terminology Relating to Examination of Fire Debris (new standard)

PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3202-2019, Practice for Specimen Preparation and Mounting of Plastic Composites for Use as Deck Boards, Stair Treads, Guards or Handrails to Assess Surface Burning Characteristics (new standard)

PINS Date: Dec 22, 2017 | Public Review Date: Jun 7, 2019 | Final Action Date: Sep 1, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E3233-2020, Standard Practice for Forensic Tape Analysis Training Program (new standard)

PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3234-2020, Standard Practice for Forensic Paint Analysis Training Program (new standard)

PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3235-2021, Practice for Latent Print Evidence Imaging Resolution (new standard)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM E3245-2020, Standard Guide for Systematic Approach to the Extraction, Analysis, and Classification of Ignitable Liquids and Ignitable Liquid Residues in Fire Debris Samples (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3253-2021, Practice for Establishing an Examination Scheme for Intact Explosives (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Nov 23, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3255-2021, Standard Practice for Quality Assurance of Forensic Science Service Providers Performing Forensic Chemical Analysis (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3260-2021, Standard Guide for Forensic Examination and Comparison of Pressure Sensitive Tapes (new standard)  
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- ▶ ANSI/ASTM E3264-2021, Guide for Homogeneity of Samples and Reference Materials Used for Inter- and Intra-Laboratory Studies (new standard)  
PINS Date: Sep 1, 2017 | Public Review Date: Mar 12, 2021 | Final Action Date: Apr 27, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3265-2021, Guide for Evaluating Water-Miscible Metalworking Fluid Foaming Tendency (revision of ANSI/ASTM E3265-2020)  
Public Review Date: Mar 12, 2021 | Final Action Date: Apr 27, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3272-2021, Standard Guide for Collection of Soils and Other Geological Evidence for Criminal Forensic Applications (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3287-2021, Practice for Specimen Preparation of Fenestration Profiles Intended to Support Non-Combustible In-Fill Materials to Assess Surface Burning Characteristics (new standard)  
PINS Date: Dec 7, 2018 | Public Review Date: Mar 12, 2021 | Final Action Date: Apr 27, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E329-2021, Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection (revision of ANSI/ASTM E329-2020)  
Public Review Date: Feb 5, 2021 | Final Action Date: May 1, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3291-2021, Guide for Reliability Demonstration Testing (new standard)  
PINS Date: Sep 21, 2018 | Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E3294-2022, Guide for Forensic Analysis of Geological Materials by Powder X-Ray Diffraction (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Feb 4, 2022 | Final Action Date: Mar 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E3296-2022, Guide for Using Pyrolysis Gas Chromatography and Pyrolysis Gas Chromatography-Mass Spectrometry in Forensic Polymer Examinations (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 2, 2022 | Final Action Date: Oct 18, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E3309-2021, Guide for Reporting of Forensic Primer Gunshot Residue (pGSR) Analysis by Scanning Electron Microscopy/Energy Dispersive X-Ray Spectrometry (SEM/EDS) (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 2, 2022 | Final Action Date: Oct 18, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E3316-2022, Guide for the Forensic Examination of Hair by Microscopy (new standard)  
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- ▶ ANSI/ASTM E3325-2021, Practice for Sampling of Solar Photovoltaic Modules for Toxicity Testing (new standard)  
PINS Date: Oct 2, 2020 | Public Review Date: Oct 8, 2021 | Final Action Date: Nov 23, 2021 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM E3329-2021, Practice for Establishing an Examination Scheme for Explosive Residues (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Nov 23, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E452-2017 (R2018), Test Method for Calibration of Refractory Metal Thermocouples Using a Radiation Thermometer (reaffirmation of ANSI/ASTM E452-2017)  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E456-2013a (R2022), Terminology Relating to Quality and Statistics (reaffirmation of ANSI/ASTM E456-2013a (R2017))  
Public Review Date: Mar 11, 2022 | Final Action Date: Apr 26, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E535-2019, Practice for Preparation of Fire-Test-Response Standards (revision of ANSI/ASTM E535-2014)  
Public Review Date: Jun 7, 2019 | Final Action Date: Jul 23, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E541-2022, Specification for Agencies Engaged in System Analysis and Compliance Assurance for Manufactured Building (new standard)  
Public Review Date: May 27, 2022 | Final Action Date: Jul 12, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E574-2019, Specification for Duplex, Base Metal Thermocouple Wire With Glass Fiber or Silica Fiber Insulation (revision of ANSI/ASTM E574-2017)  
Public Review Date: Apr 5, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E585-2018, Specification for Compacted Mineral-Insulated, Metal-Sheathed, Base Metal Thermocouple Cable (new standard)  
PINS Date: Sep 22, 2017 | Public Review Date: Mar 9, 2018 | Final Action Date: Jun 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM E601-2020, Guide for Measuring Electromotive Force (emf) Stability of Base-Metal Thermoelement Materials with Time in Air (revision of ANSI/ASTM E601-2015)  
Public Review Date: Oct 9, 2020 | Final Action Date: Nov 24, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E603-2017, Guide for Room Fire Experiments (revision of ANSI/ASTM E603-2013)  
Public Review Date: Jun 9, 2017 | Final Action Date: Jul 25, 2017 | [Approved](#)

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- ▶ ANSI/ASTM E608-2019, Specification for Mineral-Insulated, Metal-Sheathed Base Metal Thermocouples (revision of ANSI/ASTM E608-2017)  
Public Review Date: Apr 5, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E648-2020, Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source (revision of ANSI/ASTM E648-2019)  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E651-2022, Practice for Evaluating Capabilities of Agencies Involved in System Analysis and Compliance Assurance for Manufactured Building (new standard)  
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- ▶ ANSI/ASTM E662-2021, Test Method for Specific Optical Density of Smoke Generated by Solid Materials (revision of ANSI/ASTM E662-2021)  
Public Review Date: Sep 4, 2020 | Final Action Date: Jun 1, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E691-2022, Practice for Conducting an Interlaboratory Study to Determine the Precision of a Test Method (revision of ANSI/ASTM E691-2021)  
Public Review Date: Mar 11, 2022 | Final Action Date: May 15, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E696-2017 (R2018), Specification for Tungsten-Rhenium Alloy Thermocouple Wire (reaffirmation of ANSI/ASTM E696-2017)  
Public Review Date: Oct 5, 2018 | Final Action Date: Nov 20, 2018 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM E699-2016, Practice for Evaluation of Agencies Involved in Testing, Quality Assurance, and Evaluating of Building Components (revision of ANSI/ASTM E699-2009)  
Public Review Date: Oct 2, 2015 | Final Action Date: Aug 1, 2016 | [Approved](#)

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- ▶ ANSI/ASTM E780-2017 (R2021), Test Method for Measuring the Insulation Resistance of Mineral-Insulated, Metal-Sheathed Thermocouples and Mineral-Insulated, Metal-Sheathed Cable at Room Temperature (reaffirmation of ANSI/ASTM E780-2017)  
Public Review Date: Oct 8, 2021 | Final Action Date: Nov 23, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E8-2022, Test Methods for Tension Testing of Metallic Materials (revision of ANSI/ASTM E8/E8M-2021)  
Public Review Date: Sep 3, 2021 | Final Action Date: May 1, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E800-2020, Guide for Measurement of Gases Present or Generated During Fires (revision of ANSI/ASTM E800-2014)  
Public Review Date: Jun 12, 2020 | Final Action Date: Jul 28, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E814-2013 (R2017), Test Method for Fire Tests of Penetration Firestop Systems (reaffirmation of ANSI/ASTM E814-2013)  
Public Review Date: Mar 10, 2017 | Final Action Date: Apr 28, 2017 | [Approved](#)

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- ▶ ANSI/ASTM E839-2017, Test Methods for Sheathed Thermocouples and Sheathed Thermocouple Cable (new standard)  
PINS Date: Sep 22, 2017 | Public Review Date: Nov 10, 2017 | Final Action Date: Dec 26, 2017 | [Approved](#)

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- ▶ ANSI/ASTM E84-2022, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-2021)  
Public Review Date: May 6, 2022 | Final Action Date: Jun 21, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E860-2022, Practice for Examining And Preparing Items That Are Or May Become Involved In Criminal or Civil Litigation (new standard)  
PINS Date: Aug 6, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ ANSI/ASTM E906/E906M-2021, Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using a Thermopile Method (revision of ANSI/ASTM E906/E906M-2017)  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 21, 2021 | [Approved](#)

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- ▶ ANSI/ASTM E927-2019, Specification for Solar Simulation for Photovoltaic Testing (revision of ANSI/ASTM E927-2010 (2015))  
Public Review Date: Oct 5, 2018 | Final Action Date: Feb 1, 2019 | [Approved](#)

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- ▶ ANSI/ASTM E948-2018 (R2020), Test Method for Electrical Performance of Photovoltaic Cells Using Reference Cells Under Simulated Sunlight (reaffirmation of ANSI/ASTM E0948-2018)  
Public Review Date: May 8, 2020 | Final Action Date: Jun 23, 2020 | [Approved](#)

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- ▶ ANSI/ASTM E970-2017, Test Method for Critical Radiant Flux of Exposed Attic Floor Insulation Using a Radiant Heat Energy Source (revision of ANSI/ASTM E970-2014)  
Public Review Date: Nov 4, 2016 | Final Action Date: Jul 1, 2017 | [Approved](#)

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- ▶ ANSI/ASTM E973-2018 (R2020), Test Method for Determination of the Spectral Mismatch Parameter Between a Photovoltaic Device and a Photovoltaic Reference Cell (reaffirmation of ANSI/ASTM E0973-2018)  
Public Review Date: May 8, 2020 | Final Action Date: Jun 23, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F1000-2021, Practice for Piping System Drawing Symbols (revision of ANSI/ASTM F1000-2013 (R2019))  
Public Review Date: May 7, 2021 | Final Action Date: Jun 22, 2021 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F1003-2019, Specification for Searchlights on Motor Lifeboats (revision of ANSI/ASTM F1003-2002 (R2012))  
Public Review Date: Feb 8, 2019 | Final Action Date: Mar 26, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1005-1997 (R2020), Practice for HVAC Duct Shapes; Identification and Description of Design Configuration (reaffirmation of ANSI/ASTM F1005-1997 (R2013))  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1006-1986 (2022), Specification for Entrainment Separators for Use in Marine Piping Applications (reaffirmation of ANSI/ASTM F1006-1986 (R2018))  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 18, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1007-2018 (R2022), Specification for Pipeline Expansion Joints of the Packed Slip Type for Marine Application (reaffirmation of ANSI/ASTM F1007-2018)  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 18, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1014-2020, Specification for Flashlights on Vessels (revision of ANSI/ASTM F1014-2002 (R2012))  
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- ▶ ANSI/ASTM F1015-2021, Test Method for Relative Abrasiveness of Synthetic Turf Playing Surfaces (revision of ANSI/ASTM F1015-2003 (R2017))  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 21, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F1018-2022, Specification for Steel Emergency Gear Stowage Locker (revision of ANSI/ASTM F1018-1987A (R2017))  
Public Review Date: Mar 11, 2022 | Final Action Date: Apr 26, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1019M-2001 (R2018), Specification for Steel Deck Gear Stowage Box [Metric] (reaffirmation of ANSI/ASTM F1019M-2001 (R2012))  
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- ▶ ANSI/ASTM F1020-1986 (R2022), Specification for Line-Blind Valves for Marine Applications (reaffirmation of ANSI/ASTM F1020-1986 (R2018))  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 18, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1021-2019, Specification for Feeders, Detergent, Rinse Agent, and Sanitizing Agent for Commercial Dishwashing and Glasswashing Machines (revision of ANSI/ASTM F1021-2007 (R2013))  
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- ▶ ANSI/ASTM F1023-2012 (R2018), Specification for Dispensers, Powdered Iced Tea (reaffirmation of ANSI/ASTM F1023-2012)  
Public Review Date: Sep 7, 2018 | Final Action Date: Oct 23, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1025-2019, Guide for Selection and Use of Full-Encirclement-Type Band Clamps for Reinforcement or Repair of Punctures or Holes in Polyethylene Gas Pressure Pipe (revision of ANSI/ASTM F1025-2017)  
Public Review Date: Jul 12, 2019 | Final Action Date: Aug 20, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1030-1986 (R2018), Practice for Selection of Valve Operators (reaffirmation of ANSI/ASTM F1030-1986 (R2014))  
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- ▶ ANSI/ASTM F1041-2020, Guide for Squeeze-Off of Polyolefin Gas Pressure Pipe and Tubing (revision of ANSI/ASTM F1041-2017)  
Public Review Date: Jul 10, 2020 | Final Action Date: Aug 25, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F1045-2022, Performance Specification for Ice Hockey Helmets (revision of ANSI/ASTM F1045-2016)  
PINS Date: May 6, 2022 | Public Review Date: Jul 1, 2022 | Final Action Date: Aug 16, 2022 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F1047-2017, Specification for Frying and Braising Pans, Tilting Type (new standard)  
PINS Date: Oct 6, 2017 | Public Review Date: Nov 10, 2017 | Final Action Date: Dec 26, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F1055-2016A (R2022), Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene and Crosslinked Polyethylene (PEX) Pipe and Tubing (reaffirmation of ANSI/ASTM F1055-2016A)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1056-2018 (R2022), Specification for Socket Fusion Tools for Use in Socket Fusion Joining Polyethylene Pipe or Tubing and Fittings (reaffirmation of ANSI/ASTM F1056-2018)  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 18, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1068-1990 (R2018), Specification for Doors, Double, Gastight/Airtight, Individually Dogged, for Marine Use (reaffirmation of ANSI/ASTM F1068-1990 (R2012))  
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- ▶ ANSI/ASTM F1069-2019, Specification for Doors, Watertight, Gastight/Airtight and Weathertight, Individually Dogged, for Marine Use (revision of ANSI/ASTM F1069-87 (R2012))  
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- ▶ ANSI/ASTM F1070-2019, Specification for Doors, Non-Tight, for Marine Use (revision of ANSI/ASTM F1070-87 (R2012))  
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- ▶ ANSI/ASTM F1071-1994 (R2018), Specification for Expanded-Metal Bulkhead Panels (reaffirmation of ANSI/ASTM F1071-1994 (R2012))  
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- ▶ ANSI/ASTM F1072-1994 (R2018), Specification for Expanded-Metal Doors (reaffirmation of ANSI/ASTM F1072-1994 (R2012))  
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- ▶ ANSI/ASTM F1073-2019, Specification for Door Fittings, for Watertight /Gastight /Airtight, Weathertight, and Non-Tight Doors, for Marine Use (revision of ANSI/ASTM F1073-1987 (R2012))  
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- ▶ ANSI/ASTM F1074-1997 (R2018), Specification for Cleats, Welded Horn Type (reaffirmation of ANSI/ASTM F1074-1997 (R2012))  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1075-1997 (R2018), Specification for Dehumidifier, Shipboard, Mechanically Refrigerated, Self-Contained (reaffirmation of ANSI/ASTM F1075-1997 (R2014))  
Public Review Date: Apr 6, 2018 | Final Action Date: Sep 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1076-2019, Practice for Expanded Welded and Silver Brazed Socket Joints for Pipe and Tube (revision of ANSI/ASTM F1076-2010 (R2015))  
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- ▶ ANSI/ASTM F1081-2009 (R2021), Specification for Competition Wrestling Mats (reaffirmation of ANSI/ASTM F1081-2009 (R2015))  
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- ▶ ANSI/ASTM F1085-2020, Specification for Mattress and Box Springs for Use in Berths in Marine Vessels (revision of ANSI/ASTM F1085-2014)  
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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F1092-2020, Specification for Fiberglass (GRP) Pultruded Open-Weather Storm and Guard, Square Railing Systems (revision of ANSI/ASTM F1092-2014)  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1097-2017 (R2022), Specification for Mortar, Refractory (High-Temperature, Air-Setting) (reaffirmation of ANSI/ASTM F1097-2017)  
Public Review Date: Jan 7, 2022 | Final Action Date: Feb 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1098-2010 (R2019), Specification for Envelope Dimensions for Butterfly Valves NPS 2 to 24 (reaffirmation of ANSI/ASTM F1098-2010 (R2015))  
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- ▶ ANSI/ASTM F1099M-2018, Specification for Rat Guards, Ships (Metric) (revision of ANSI/ASTM F1099M-1998 (R2011))  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1106-87 (R2018), Specification for Warping Heads, Rope Handling (Gypsy Head, Capstan Head) (reaffirmation of ANSI/ASTM F1106-87 (R2012))  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1114-2022, Specification for Heat Sanitizing Commercial Pot, Pan, and Utensil Stationary Rack Type Water-Driven Rotary Spray (revision of ANSI/ASTM F1114-2016)  
Public Review Date: Mar 11, 2022 | Final Action Date: Apr 26, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1120-2010 (R2019), Specification for Circular Metallic Bellows Type Expansion Joints for Piping Applications (reaffirmation of ANSI/ASTM F1120-2010 (R2015))  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1121-2010 (R2019), Specification for International Shore Connections for Marine Fire Applications (reaffirmation of ANSI/ASTM F1121-2010 (R2015))  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1122-2022, Specification for Quick Disconnect Couplings (6 in. NPS and Smaller) (revision of ANSI/ASTM F1122-2010 (R2021))  
Public Review Date: May 6, 2022 | Final Action Date: Jun 21, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1123-2010 (R2019), Specification for Non-Metallic Expansion Joints (reaffirmation of ANSI/ASTM F1123-2010 (R2015))  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1126-2012 (R2017), Specification for Food Cutters (Electric) (reaffirmation of ANSI/ASTM F1126-2012)  
Public Review Date: Nov 10, 2017 | Final Action Date: Dec 26, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F1130-2000 (R2020), Practice for Inspecting the Coating System of a Ship (reaffirmation of ANSI/ASTM F1130-2000 (R2014))  
Public Review Date: Jan 10, 2020 | Final Action Date: Feb 25, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F1134-2015 (R2019), Specification for Insulation Resistance Monitor for Shipboard Electrical Motors and Generators (reaffirmation of ANSI/ASTM F1134-2015)  
Public Review Date: Jun 7, 2019 | Final Action Date: Jul 23, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1138-2021, Specification for Spray Shields for Mechanical Joints (revision of ANSI/ASTM F1138-1998 (R2014))  
Public Review Date: Aug 6, 2021 | Final Action Date: Sep 21, 2021 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F1139-2010 (R2019), Specification for Steam Traps and Drains (reaffirmation of ANSI/ASTM F1139-2010 (R2015))  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1142-2020, Specification for Manhole Cover Assembly, Bolted, Semi-Flush, Oiltight and Watertight (revision of ANSI/ASTM F1142-1990 (R2012))  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1143-2019, Specification for Manhole Cover Assembly, Bolted, Raised, Oiltight and Watertight (revision of ANSI/ASTM F1143-1990 (R2012))  
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- ▶ ANSI/ASTM F1144-2019, Specification for Manhole Cover Assembly, Bolted, Semi-Flush, Oiltight and Watertight, Hinged (revision of ANSI/ASTM F1144-1990 (R2012))  
Public Review Date: Feb 8, 2019 | Final Action Date: Mar 26, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1145-2005 (R2022), Specification for Turnbuckles, Swaged, Welded, Forged (reaffirmation of ANSI/ASTM F1145-1992 (R2017))  
Public Review Date: Jan 7, 2022 | Final Action Date: Feb 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1150-2022, Specification for Commercial Food Waste Pulper and Waterpress Assembly (revision of ANSI/ASTM F1150-2016)  
Public Review Date: Nov 5, 2021 | Final Action Date: Apr 1, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1155-2010 (R2019), Practice for Selection and Application of Piping System Materials (reaffirmation of ANSI/ASTM F1155-2010 (R2015))  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1162-2018, Specification for Pole Vault Landing Systems (revision of ANSI/ASTM F1162-2012)  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1163-2023, Specification for Protective Headgear Used in Horse Sports and Horseback Riding (revision of ANSI/ASTM F1163-2015)  
Public Review Date: Sep 4, 2020 | Final Action Date: Jan 1, 2023 | [Approved](#)

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- ▶ ANSI/ASTM F1166-2022, Practice for Human Engineering Design for Marine Systems, Equipment, and Facilities (revision of ANSI/ASTM F1166-2021)  
Public Review Date: May 6, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1172-2010 (R2019), Specification for Fuel Oil Meters of the Volumetric Positive Displacement Type (reaffirmation of ANSI/ASTM F1172-1988 (2015)E1)  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1173-2001 (R2018), Specification for Thermosetting Resin Fiberglass Pipe Systems to Be Used for Marine Applications (reaffirmation of ANSI/ASTM F1173-2001 (R2012))  
Public Review Date: Feb 2, 2018 | Final Action Date: Mar 20, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1178-2022, Specification for Performance of Enameling System, Baking, Metal Joiner Work and Furniture (reaffirmation of ANSI/ASTM F1178-2011 (R2015))  
Public Review Date: Mar 11, 2022 | Final Action Date: Apr 26, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1182-2007 (R2020), Specification for Anodes, Sacrificial Zinc Alloy (reaffirmation of ANSI/ASTM F1182-2007 (R2013))  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F1196-2019, Specification for Sliding Watertight Door Assemblies (revision of ANSI/ASTM F1196-2001 (R2013))

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- ▶ ANSI/ASTM F1197-2019, Specification for Sliding Watertight Door Control Systems (revision of ANSI/ASTM F1197-2001 (R2012))

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- ▶ ANSI/ASTM F1198-1997 (R2018), Guide for Shipboard Fire Detection Systems (reaffirmation of ANSI/ASTM F1198-1997 (R2012))

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- ▶ ANSI/ASTM F1199-2021, Specification for Cast (All Temperatures and Pressures) and Welded Pipe Line Strainers (150 psig and 150F Maximum) (revision of ANSI/ASTM F1199-2010 (R2020))

Public Review Date: Aug 6, 2021 | Final Action Date: Sep 21, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F1200-2021a, Specification for Fabricated (Welded) Pipe Line Strainers (Above 150 psig and 150F (1 MPa and 65C)) (revision of ANSI/ASTM F1200-2021)

Public Review Date: Aug 6, 2021 | Final Action Date: Sep 21, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F1201-1988 (R2021), Specification for Fluid Conditioner Fittings in Piping Applications Above 0F (reaffirmation of ANSI/ASTM F1201-1988 (R2016))

Public Review Date: Dec 11, 2020 | Final Action Date: Jan 1, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F1202-2022, Specification for Washing Machines, Heat Sanitizing, Commercial, Pot, Pan, and Utensil Vertically Oscillating Arm Type (revision of ANSI/ASTM F1202-2016)

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- ▶ ANSI/ASTM F1203-2022, Specification for Washing MachinesPot, Pan, and Utensil, Heat Sanitizing, Commercial Rotary Conveyor Type (revision of ANSI/ASTM F1203-2016)

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- ▶ ANSI/ASTM F1207M-2012 (R2018), Specification for Electrical Insulation Monitors for Monitoring Ground Resistance in Active Electrical Systems [Metric] (reaffirmation of ANSI/ASTM F1207M-2012)

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- ▶ ANSI/ASTM F1217-2017, Specification for Cooker, Steam (revision of ANSI/ASTM F1217-2011)

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- ▶ ANSI/ASTM F1244-2000 (R2018), Specification for Berths, Marine (reaffirmation of ANSI/ASTM F1244-2000 (R2013))

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- ▶ ANSI/ASTM F1245-2020, Specification for Faucets, Single and Double, Compression and Self-Closing Type, Shipboard (revision of ANSI/ASTM F1245-1989 (R2012))

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- ▶ ANSI/ASTM F1250-2020, Specification for Stationary Upright and Recumbent Exercise Bicycles and Upper and Total Body Ergometers (revision of ANSI/ASTM F1250-2018)

Public Review Date: May 22, 2020 | Final Action Date: Dec 15, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F1270-1997 (R2020), Practice for Preparing and Locating Emergency Muster Lists (reaffirmation of ANSI/ASTM F1270-1997 (R2013))

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- ▶ ANSI/ASTM F1271-1990 (R2018), Specification for Spill Valves for Use in Marine Tank Liquid Overpressure Protection Applications (reaffirmation of ANSI/ASTM F1271-1990 (R2012))

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F1273-2021, Specification for Tank Vent Flame Arresters (revision of ANSI/ASTM F1273-1991 (R2013))  
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- ▶ ANSI/ASTM F1275-2014 (R2020), Test Method for Performance of Griddles (reaffirmation of ANSI/ASTM F1275-2014)  
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- ▶ ANSI/ASTM F1281-2017 (R2021), Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Pressure Pipe (reaffirmation of ANSI/ASTM F1281-2017)  
Public Review Date: Mar 12, 2021 | Final Action Date: Apr 27, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F1282-2017, Specification for Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure Pipe (new standard)  
PINS Date: May 6, 2016 | Public Review Date: Feb 10, 2017 | Final Action Date: Mar 28, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F1290-2019, Practice for Electrofusion Joining Polyolefin Pipe and Fittings (revision of ANSI/ASTM F1290-2017)  
Public Review Date: Dec 7, 2018 | Final Action Date: Jan 22, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1292-2022, Specification for Impact Attenuation of Surfacing Materials Within the Use Zone of Playground Equipment (revision of ANSI/ASTM F1292-2018)  
Public Review Date: Nov 4, 2022 | Final Action Date: Dec 20, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1297-1999 (R2018), Guide for Location and Instruction Symbols for Evacuation and Lifesaving Equipment (reaffirmation of ANSI/ASTM F1297-1999 (R2012))  
Public Review Date: Mar 9, 2018 | Final Action Date: Oct 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1298-1990 (R2018), Specification for Flexible, Expansion-Type Ball Joints for Marine Applications (reaffirmation of ANSI/ASTM F1298-1990 (R2012))  
Public Review Date: Feb 2, 2018 | Final Action Date: Mar 20, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1309-1998 (R2018), Practice for Installation Procedures for Fitting Chocks to Marine Machinery Foundations (reaffirmation of ANSI/ASTM F1309-1998 (R2012))  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1311-1990 (R2018), Specification for Large-Diameter Fabricated Carbon Steel Flanges (reaffirmation of ANSI/ASTM F1311-1990 (R2012))  
Public Review Date: Feb 2, 2018 | Final Action Date: Mar 20, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1312-2020, Specification for Brick, Insulating, High Temperature, Fire Clay (revision of ANSI/ASTM F1312-90 (R2013))  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1321-2021, Guide for Conducting a Stability Test (Lightweight Survey and Inclining Experiment) to Determine the Light Ship Displacement and Centers of Gravity of a Vessel (revision of ANSI/ASTM F1321-2014 (R2021))  
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- ▶ ANSI/ASTM F1322-2015, Guide for Selection of Shipboard Incinerators (revision of ANSI/ASTM F1322-1990 (R2009))  
Public Review Date: Apr 10, 2015 | Final Action Date: May 26, 2015 | [Approved](#)

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- ▶ ANSI/ASTM F1323-2014 (R2020), Specification for Shipboard Incinerators (reaffirmation of ANSI/ASTM F1323-2014)  
Public Review Date: Jan 10, 2020 | Final Action Date: Feb 25, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F1330-1991 (R2018), Guide for Metallic Abrasive Blasting to Descale the Interior of Pipe (reaffirmation of ANSI/ASTM F1330-1991 (R2012))  
Public Review Date: Feb 2, 2018 | Final Action Date: Mar 20, 2018 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F1331-2022, Practice for Installation Procedures of Vinyl Deck Coverings on Portable Plates in Electrical and Electronic Spaces (revision of ANSI/ASTM F1331-1997 (R2017))

Public Review Date: Jun 3, 2022 | Final Action Date: Jul 19, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1333-1997 (R2020), Specification for Construction of Fire and Foam Station Cabinets (reaffirmation of ANSI/ASTM F1333-1997 (R2013))

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- ▶ ANSI/ASTM F1337-2022, Practice for Human Systems Integration Program Requirements for Ships and Marine Systems, Equipment, and Facilities (revision of ANSI/ASTM F1337-2010 (R2015))

PINS Date: Aug 6, 2021 | Public Review Date: Jan 7, 2022 | Final Action Date: Feb 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1338-1997 (R2020), Guide for Main Propulsion Medium Speed Marine Diesel Engines Covering Performance and Minimum Scope of Assembly (reaffirmation of ANSI/ASTM F1338-1997 (R2013))

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- ▶ ANSI/ASTM F1347-1991 (R2018), Specification for Manually Operated Fueling Hose Reels (reaffirmation of ANSI/ASTM F1347-1991 (R2012))

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- ▶ ANSI/ASTM F1348-1997 (R2020), Specification for Pneumatic Rotary Descaling Machines (reaffirmation of ANSI/ASTM F1348/F1348M-1991 (2013))

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- ▶ ANSI/ASTM F1360-2017, Specification for Ovens, Microwave, Electric (revision of ANSI/ASTM F1360-2006 (R2012))

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- ▶ ANSI/ASTM F1361-2021, Test Method for Performance of Open Vat Fryers (revision of ANSI/ASTM F1361-2020)

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- ▶ ANSI/ASTM F1363-2007 (R2017), Guide for Reduction of Risk of Injury for Archery Overdraws (reaffirmation of ANSI/ASTM F1363-2007 (R2011))

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- ▶ ANSI/ASTM F1370-1992 (R2019), Specification for Pressure-Reducing Valves for Water Systems, Shipboard (reaffirmation of ANSI/ASTM F1370-1992 (R2011))

Public Review Date: Nov 2, 2018 | Final Action Date: Aug 1, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1371-2013 (R2019), Specification for Vegetable Peeling Machines, Electric (reaffirmation of ANSI/ASTM F1371-2013)

Public Review Date: Nov 2, 2018 | Final Action Date: Dec 18, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1385-2006 (R2018), Practice for Platforms in Cargo Tanks (reaffirmation of ANSI/ASTM F1385-2006 (R2012))

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- ▶ ANSI/ASTM F1386-1997 (R2021), Guide for Construction of Sounding Tube and Striker Plate for Tank Sounding (reaffirmation of ANSI/ASTM F1386-1997 (R2016))

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- ▶ ANSI/ASTM F1387-2019, Specification for Performance of Piping and Tubing Mechanically Attached Fittings (revision of ANSI/ASTM F1387-1999 (R2012))

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- ▶ ANSI/ASTM F1412-2022, Specification for Polyolefin Pipe and Fittings for Corrosive Waste Drainage Systems (revision of ANSI/ASTM F1412-2016)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F1431-1992 (R2021), Specification for Water Trap for Diesel Exhaust (reaffirmation of ANSI/ASTM F1431-1992 (R2016))  
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- ▶ ANSI/ASTM F1436-2011 (R2017), Guide for Center Serving Diameter Dimensions for Archery Bow Strings (reaffirmation of ANSI/ASTM F1436-2011)  
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- ▶ ANSI/ASTM F1446-2020, Test Methods for Equipment and Procedures Used in Evaluating the Performance Characteristics of Protective Headgear (revision of ANSI/ASTM F1446-2015b)  
Public Review Date: Jun 12, 2020 | Final Action Date: Oct 1, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F1447-2018, Specification for Helmets Used in Recreational Bicycling or Roller Skating (revision of ANSI/ASTM F1447-2012)  
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- ▶ ANSI/ASTM F1455-1992 (R2022), Guide for Selection of Structural Details for Ship Construction (reaffirmation of ANSI/ASTM F1455-1992 (R2017))  
Public Review Date: Jun 3, 2022 | Final Action Date: Jul 19, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1476-2007 (R2020), Specification for Performance of Gasketed Mechanical Couplings for Use in Piping Applications (reaffirmation of ANSI/ASTM F1476-2007 (R2013))  
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- ▶ ANSI/ASTM F1483-2017, Specification for Oriented Poly(Vinyl Chloride), PVCO, Pressure Pipe (new standard)  
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- ▶ ANSI/ASTM F1484-2018, Test Methods for Performance of Steam Cookers (revision of ANSI/ASTM F1484-2015)  
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- ▶ ANSI/ASTM F1488-2014 (R2019), Specification for Coextruded Composite Pipe (reaffirmation of ANSI/ASTM F1488-2017)  
Public Review Date: Jan 18, 2019 | Final Action Date: Mar 5, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1492-2022, Specification for Helmets Used in Skateboarding and Trick Roller Skating (revision of ANSI/ASTM F1492-2015)  
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- ▶ ANSI/ASTM F1495-2020, Specification for Combination Oven Electric or Gas Fired (revision of ANSI/ASTM F1495-2014A)  
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- ▶ ANSI/ASTM F1496-2013 (R2019), Test Method for Performance of Convection Ovens (reaffirmation of ANSI/ASTM F1496-2013)  
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- ▶ ANSI/ASTM F1498-2008 (R2020), Specification for Taper Pipe Threads 60 for Thermoplastic Pipe and Fittings (reaffirmation of ANSI/ASTM F1498-2008 (R2012))  
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- ▶ ANSI/ASTM F1499-2022, Specification for Coextruded Composite Drain, Waste, and Vent Pipe (DWV) (revision of ANSI/ASTM F1499-2017)  
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- ▶ ANSI/ASTM F1507-1999 (2022), Specification for Surge Suppressors for Shipboard Use (reaffirmation of ANSI/ASTM F1507-1999 (R2017))  
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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F1508-1996 (R2021), Specification for Angle Style, Pressure Relief Valves for Steam, Gas, and Liquid Services (reaffirmation of ANSI/ASTM F1508-1996 (R2016))  
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- ▶ ANSI/ASTM F1510-2021, Specification for Rotary Positive Displacement Pumps, Ships Use (revision of ANSI/ASTM F1510-2007 (R2020))  
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- ▶ ANSI/ASTM F1511-2018, Specification for Mechanical Seals for Shipboard Pump Applications (revision of ANSI/ASTM F1511-2016)  
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- ▶ ANSI/ASTM F1521-2022, Test Methods for Performance of Range Tops (revision of ANSI/ASTM F1521-2012 (R2018))  
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- ▶ ANSI/ASTM F1533-2020, Specification for Deformed Polyethylene (PE) Liner (new standard)  
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- ▶ ANSI/ASTM F1544-2011 (R2017), Specification for Determining the Rating Velocities of a Compound Archery Bow (reaffirmation of ANSI/ASTM F1544-2011)  
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- ▶ ANSI/ASTM F1545-2015 (R2021), Specification for Plastic-Lined Ferrous Metal Pipe, Fittings, and Flanges (reaffirmation of ANSI/ASTM F1545-2015)  
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- ▶ ANSI/ASTM F1546-1996 (R2018), Specification for Fire Hose Nozzles (reaffirmation and redesignation of ANSI/ASTM F1546/F1546M-1996 (R2012))  
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- ▶ ANSI/ASTM F1548-2001 (R2018), Specification for Performance of Fittings for Use with Gasketed Mechanical Couplings Used in Piping Applications (reaffirmation of ANSI/ASTM F1548-2001 (R2012))  
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- ▶ ANSI/ASTM F1551-2009 (R2017), Test Methods for Comprehensive Characterization of Synthetic Turf Playing Surfaces and Materials (reaffirmation of ANSI/ASTM F1551-2009)  
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- ▶ ANSI/ASTM F1563-2001 (R2019), Specification for Tools to Squeeze-off Polyethylene (PE) Gas Pipe or Tubing (reaffirmation of ANSI/ASTM F1563-2017)  
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- ▶ ANSI/ASTM F1565-2000 (R2019), Specification for Pressure-Reducing Valves for Steam Service (reaffirmation of ANSI/ASTM F1565-2000 (R2013))  
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- ▶ ANSI/ASTM F1567-1994 (R2019), Specification for Fabricated or Cast Automatic Self-Cleaning, Fuel Oil and Lubricating Oil Strainers (reaffirmation of ANSI/ASTM F1567-1994 (R2013))  
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- ▶ ANSI/ASTM F1568-2012 (R2017), Specification for Food Processors, Electric (reaffirmation of ANSI/ASTM F1568-2012)  
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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F1587-2022, Specification for Head and Face Protective Equipment for Ice Hockey Goaltenders (revision of ANSI/ASTM F1587-2013 (R2018))  
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- ▶ ANSI/ASTM F1602-2012 (R2017), Specification for Kettles, Steam-Jacketed, 20 to 200 gal (75.7 to 757 L), Floor or Wall Mounted, Direct Steam, Gas and Electric Heated (reaffirmation of ANSI/ASTM F1602-2012)  
Public Review Date: Oct 6, 2017 | Final Action Date: Nov 21, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F1603-2017, Specification for Kettles, Steam-Jacketed, 32 oz to 20 gal (1 to 75.7 L), Tilting, Table Mounted, Direct Steam, Gas and Electric Heated (revision of ANSI/ASTM F1603-2012)  
Public Review Date: Oct 6, 2017 | Final Action Date: Nov 21, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F1604-2015 (R2020), Specification for Freezers, Ice Cream, Soft Serve, Shake (reaffirmation of ANSI/ASTM F1604-2015)  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F1605-2014 (R2019), Test Method for Performance of Double-Sided Griddles (reaffirmation of ANSI/ASTM F1605-2014)  
Public Review Date: Apr 5, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1625-2000 (R2018), Specification and Test Method for Rear-Mounted Bicycle Child Carriers (reaffirmation of ANSI/ASTM F1625-2000 (R2012))  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1632-2003 (R2018), Test Method for Particle Size Analysis and Sand Shape Grading of Golf Course Putting Green and Sports Field Rootzone Mixes (reaffirmation of ANSI/ASTM F1632-2003 (R2010))  
Public Review Date: Sep 7, 2018 | Final Action Date: Oct 23, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1647-2011 (R2018), Test Methods for Organic Matter Content of Athletic Field Rootzone Mixes (reaffirmation of ANSI/ASTM F1647-2011)  
Public Review Date: Sep 7, 2018 | Final Action Date: Oct 23, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1668-2016 (R2022), Guide for Construction Procedures for Buried Plastic Pipe (reaffirmation of ANSI/ASTM F1668-2016)  
Public Review Date: Jan 7, 2022 | Final Action Date: May 1, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1669M-2012 (R2018), Specification for Insulation Monitors for Shipboard Electrical Systems [Metric] (reaffirmation of ANSI/ASTM F1669M-2012)  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1673-2010 (R2021), Specification for Polyvinylidene Fluoride (PVDF) Corrosive Waste Drainage Systems (reaffirmation of ANSI/ASTM F1673-2010)  
Public Review Date: Jun 4, 2021 | Final Action Date: Jul 20, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F1674-2018, Test Method for Joint Restraint Products for Use with PVC Pipe (revision of ANSI/ASTM F1674-2017)  
Public Review Date: Oct 5, 2018 | Final Action Date: Nov 20, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1685-2000 (R2019), Specification for Pressure-Reducing Manifolds for Air or Nitrogen Systems (reaffirmation of ANSI/ASTM F1685-2000 (R2013))  
Public Review Date: Apr 5, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1695-2021, Test Method for Performance of Underfired Broilers (revision of ANSI/ASTM F1695-2003 (R2015))  
PINS Date: Aug 7, 2020 | Public Review Date: Dec 18, 2020 | Final Action Date: Feb 2, 2021 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F1696-2020, Test Method for Energy Performance of Stationary-Rack, Door-Type Commercial Dishwashing Machines (revision of ANSI/ASTM F1696-2018)  
Public Review Date: Aug 7, 2020 | Final Action Date: Sep 22, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F1702-2010 (R2018), Test Method for Measuring Impact-Attenuation Characteristics of Natural Playing Surface Systems Using a Lightweight Portable Apparatus (reaffirmation of ANSI/ASTM F1702-2010)  
Public Review Date: Sep 7, 2018 | Final Action Date: Dec 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1704-2012 (R2022), Test Method for Capture and Containment Performance of Commercial Kitchen Exhaust Ventilation Systems (reaffirmation of ANSI/ASTM F1704-2012 (R2017))  
Public Review Date: Apr 8, 2022 | Final Action Date: May 24, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1716-1996 (R2022), Guide for Transition and Performance of Marine Software Systems Maintenance (reaffirmation of ANSI/ASTM F1716-2008 (R2015))  
Public Review Date: Jan 7, 2022 | Final Action Date: Feb 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1718-2001 (R2019), Specification for Rotary Positive Displacement Distillate Fuel Pumps (reaffirmation of ANSI/ASTM F1718-2001 (R2013))  
Public Review Date: Apr 5, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1720-2017, Test Method for Measuring Thermal Insulation of Sleeping Bags Using a Heated Manikin (revision of ANSI/ASTM F1720-2014)  
Public Review Date: Aug 4, 2017 | Final Action Date: Sep 19, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F1733-2020, Specification for Butt Heat Fusion Polyamide(PA) Plastic Fitting for Polyamide(PA) Plastic Pipe and Tubing (revision of ANSI/ASTM F1733-2013)  
Public Review Date: Oct 9, 2020 | Final Action Date: Nov 24, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F1734-2019, Practice for Qualification of a Combination of Squeeze Tool, Pipe, and Squeeze-Off Procedures to Avoid Long-Term Damage in Polyethylene (PE) Gas Pipe (new standard)  
PINS Date: Jun 15, 2018 | Public Review Date: Dec 7, 2018 | Final Action Date: Jan 22, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1749-2015 (R2020), Specification for Fitness Equipment and Fitness Facility Safety Signage and Labels (reaffirmation of ANSI/ASTM F1749-2015)  
Public Review Date: May 22, 2020 | Final Action Date: May 23, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F1750-2011 (R2020), Specification for Paintball Marker Threaded-Propellant Source Interface (reaffirmation of ANSI/ASTM F1750-2016)  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F1752-1996 (R2014), Test Method for Archery Bow Component--Cord Material (reaffirmation of ANSI/ASTM F1752-1996 (R2010))  
Public Review Date: Aug 8, 2014 | Final Action Date: Sep 23, 2014 | [Approved](#)

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- ▶ ANSI/ASTM F1753-1996 (R2014), Specification for Classification and Marking of Single-Lens Scopes for Use with Archery Bows (reaffirmation of ANSI/ASTM F1753-1996 (R2010))  
Public Review Date: Aug 8, 2014 | Final Action Date: Sep 23, 2014 | [Approved](#)

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- ▶ ANSI/ASTM F1755M-1996 (R2018), Specification for Solid State Bargraph Meters for Shipboard Use [Metric] (reaffirmation of ANSI/ASTM F1755M-1996 (R2012))  
Public Review Date: Mar 9, 2018 | Final Action Date: Oct 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1757-1996 (R2022), Guide for Digital Communication Protocols for Computerized Systems (reaffirmation of ANSI/ASTM F1757-2008 (R2015))  
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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F1759-1997 (R2018), Practice for Design of High-Density Polyethylene (HDPE) Manholes for Subsurface Applications (reaffirmation of ANSI/ASTM F1759-2017)  
Public Review Date: Jan 5, 2018 | Final Action Date: Feb 20, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1760-2016 (R2020), Specification for Coextruded Poly(Vinyl Chloride) (PVC) Non-Pressure Plastic Pipe Having Reprocessed-Recycled Content (reaffirmation of ANSI/ASTM F1760-2017)  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F1776-2022, Specification for Eye Protective Devices for Paintball Sports (revision of ANSI/ASTM F1776-2021)  
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- ▶ ANSI/ASTM F1777-2019, Practice for Paintball Field Operation (revision of ANSI/ASTM F1777-2012)  
Public Review Date: Sep 6, 2019 | Final Action Date: Oct 22, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1784-2008 (R2020), Test Method for Performance of a Pasta Cooker (reaffirmation of ANSI/ASTM F1784-2008 (R2015))  
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- ▶ ANSI/ASTM F1785-2008 (R2020), Test Method for Performance of Steam Kettles (reaffirmation of ANSI/ASTM F1785-2008 (R2015))  
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- ▶ ANSI/ASTM F1786-1997 (R2021), Test Method for Performance of Braising Pans (reaffirmation of ANSI/ASTM F1786-1997 (R2016))  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 21, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F1787-2008 (R2020), Test Method for Performance of Rotisserie Ovens (reaffirmation of ANSI/ASTM F1787-2008 (R2015))  
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- ▶ ANSI/ASTM F1791-2000 (R2019), Specification for Filters Used in Air or Nitrogen Systems (reaffirmation of ANSI/ASTM F1791-2000 (R2013))  
Public Review Date: Apr 5, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1792-1997 (R2021), Specification for Special Requirements for Valves Used in Gaseous Oxygen Service (reaffirmation of ANSI/ASTM F1792-1997 (R2016))  
Public Review Date: Dec 11, 2020 | Final Action Date: Jan 1, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F1793-1997 (R2021), Specification for Automatic Shut-Off Valves (Also Known as Excess Flow Valves, EFV) for Air or Nitrogen Service (reaffirmation of ANSI/ASTM F1793-1997 (R2016))  
Public Review Date: Dec 11, 2020 | Final Action Date: Jan 1, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F1794-1997 (R2021), Specification for Hand-Operated, Globe-Style Valves for Gas (Except Oxygen Gas) and Hydraulic Systems (reaffirmation of ANSI/ASTM F1794-1997 (R2016))  
Public Review Date: Dec 11, 2020 | Final Action Date: Jan 1, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F1795-2000 (R2019), Specification for Pressure-Reducing Valves for Air or Nitrogen Systems (reaffirmation of ANSI/ASTM F1795-2000 (R2013))  
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- ▶ ANSI/ASTM F1799-2009 (R2021), Guide for Shipboard Generated Waste Management Audits (reaffirmation of ANSI/ASTM F1799-1997 (R2015))  
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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F1804-2021, Practice for Determining Allowable Tensile Load for Polyethylene (PE) Gas Pipe During Pull-In Installation (revision of ANSI/ASTM F1804-2016 (R2020))  
Public Review Date: Jun 4, 2021 | Final Action Date: Jul 20, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F1807-2019B, Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring, or Alternate Stainless Steel Clamps, for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F1807-2017)  
Public Review Date: Oct 4, 2019 | Final Action Date: Nov 19, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1808-2003 (R2020), Guide for Weight Control Technical Requirements for Surface Ships (reaffirmation of ANSI/ASTM F1808-2003 (R2013))  
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- ▶ ANSI/ASTM F1815-2011 (R2018), Test Methods for Saturated Hydraulic Conductivity, Water Retention, Porosity, and Bulk Density of Athletic Field Rootzones (reaffirmation of ANSI/ASTM F1815-2011)  
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- ▶ ANSI/ASTM F1817-2017 (R2022), Test Method for Performance of Conveyor Ovens (reaffirmation of ANSI/ASTM F1817-2017)  
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- ▶ ANSI/ASTM F1827-2013 (R2019), Terminology Relating to Food Service Equipment (reaffirmation of ANSI/ASTM F1827-2013)  
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- ▶ ANSI/ASTM F1832-2007 (R2017), Test Method for Determining the Force-Draw and Let-Down Curves for Archery Bows (reaffirmation of ANSI/ASTM F1832-2007 (R2011))  
Public Review Date: Nov 10, 2017 | Final Action Date: Dec 26, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F1833-1997 (R2017), Test Method for Comparison of Rearfoot Motion Control Properties of Running Shoes (reaffirmation of ANSI/ASTM F1833-1997 (R2011))  
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- ▶ ANSI/ASTM F1835-1997 (R2018), Guide for Cable Splicing Installations (reaffirmation of ANSI/ASTM F1835-1997 (R2012))  
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- ▶ ANSI/ASTM F1836M-2015 (R2019), Specification for Stuffing Tubes, Nylon, and Packing Assemblies (Metric) (reaffirmation of ANSI/ASTM F1836M-2015)  
Public Review Date: Apr 5, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1837M-1997 (R2018), Specification for Heat-Shrink Cable Entry Seals (Metric) (reaffirmation of ANSI/ASTM F1837M-1997 (R2012))  
Public Review Date: Mar 9, 2018 | Final Action Date: Oct 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1849-2018, Specification for Helmets Used in Short Track Speed Ice Skating (Not to Include Hockey) (revision of ANSI/ASTM F1849-2007 (R2012))  
Public Review Date: Aug 4, 2017 | Final Action Date: Mar 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1853-2011 (R2018), Test Method for Measuring Sleeping Bag Packing Volume (reaffirmation of ANSI/ASTM F1853-2011)  
Public Review Date: Sep 7, 2018 | Final Action Date: Oct 23, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1866-2018, Specification for Poly (Vinyl Chloride) (PVC) Plastic Schedule 40 Drainage and DWV Fabricated Fittings (revision of ANSI/ASTM F1866-2017 (R2017))  
Public Review Date: Jan 5, 2018 | Final Action Date: Feb 20, 2018 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F1878-2021, Guide for Escort Vessel Evaluation and Selection (revision of ANSI/ASTM F1878-2009 (R2015))  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 20, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F1882-2015, Specification for Residential Basketball Systems (revision of ANSI/ASTM F1882-2006 (R2014))  
Public Review Date: May 8, 2015 | Final Action Date: Jun 23, 2015 | [Approved](#)

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- ▶ ANSI/ASTM F1883-2020, Practice for Selection of Wire and Cable Size in AWG or Metric Units (revision of ANSI/ASTM F1883-2003 (R2013))  
Public Review Date: May 8, 2020 | Final Action Date: Jun 23, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F1887-2014 (R2019), Test Method for Measuring the Coefficient of Restitution (COR) of Baseballs and Softballs (reaffirmation of ANSI/ASTM F1887-2014)  
Public Review Date: Mar 15, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1888-2009 (R2022), Test Method for Compression-Displacement of Baseballs and Softballs (reaffirmation of ANSI/ASTM F1888-2014 (R2016))  
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- ▶ ANSI/ASTM F1889-2005 (R2014), Guide for Straightness Measurement of Arrow Shafts (reaffirmation of ANSI/ASTM F1889-2005 (R2010))  
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- ▶ ANSI/ASTM F1890-2017 (R2022), Test Method for Measuring Softball and Baseball Bat Performance Factor (reaffirmation of ANSI/ASTM F1890-2017)  
Public Review Date: Aug 5, 2022 | Final Action Date: Sep 20, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1898-2022, Specification for Helmets for Non-Motorized Wheeled Vehicles Used by Infants and Toddlers (revision of ANSI/ASTM F1898-2015)  
Public Review Date: Jul 1, 2022 | Final Action Date: Aug 16, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1899-2014a (R2019), Specification for Food Waste Pulper Without Waterpress Assembly (reaffirmation of ANSI/ASTM F1899-2014a)  
Public Review Date: Sep 6, 2019 | Final Action Date: Oct 22, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1900-1998 (R2017), Test Method for Water Resistance of Footwear Using a Walking Step Simulator (reaffirmation of ANSI/ASTM F1900-1998 (R2012))  
Public Review Date: Aug 4, 2017 | Final Action Date: Sep 19, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F1901-2022, Specification for Polyethylene (PE) Pipe and Fittings for Roof Drain Systems (revision of ANSI/ASTM F1901-2016)  
Public Review Date: Jun 3, 2022 | Final Action Date: Jul 19, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1907-2022, Test Methods for Experimental and Laboratory Replication of In-situ Equine Surface Testing (new standard)  
PINS Date: May 15, 2020 | Public Review Date: Aug 5, 2022 | Final Action Date: Nov 15, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F1919-2014 (R2020), Specification for Griddles, Single-Sided and Double-Sided, Gas and Electric (reaffirmation of ANSI/ASTM F1919-2014)  
Public Review Date: Sep 6, 2019 | Final Action Date: Oct 22, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1920-2020, Test Method for Performance of Rack Conveyor Commercial Dishwashing Machines (revision of ANSI/ASTM F1920-2015)  
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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F1924-2019, Specification for Plastic Mechanical Fittings for Use on Outside Diameter Controlled Polyethylene Gas Distribution Pipe and Tubing (revision of ANSI/ASTM F1924-2012)  
Public Review Date: Jul 12, 2019 | Final Action Date: Aug 20, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F1932-1998 (R2018), Test Method for Measuring Sleeping Bag Loft (reaffirmation of ANSI/ASTM F1932-1998 (R2011))  
Public Review Date: Sep 7, 2018 | Final Action Date: Oct 23, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1933-1998 (R2018), Specification for Illustrating the Footprint of a Backpacking or Mountaineering Tent (reaffirmation of ANSI/ASTM F1933-1998 (R2011))  
Public Review Date: Sep 7, 2018 | Final Action Date: Oct 23, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1934-1998 (R2018), Test Method for Weighing a Backpacking or Mountaineering Tent (reaffirmation of ANSI/ASTM F1934-1998 (R2011))  
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- ▶ ANSI/ASTM F1935-2001 (R2018), Test Method for Measuring the Headroom of a Backpacking or Mountaineering Tent (reaffirmation of ANSI/ASTM F1935-2001 (R2011))  
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- ▶ ANSI/ASTM F1936-2019, Specification for Impact Attenuation of Turf Playing Systems as Measured in the Field (revision of ANSI/ASTM F1936-2010 (R2015))  
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- ▶ ANSI/ASTM F1937-2005 (R2017), Specification for Body Protectors Used in Horse Sports and Horseback Riding (reaffirmation of ANSI/ASTM F1937-2005 (R2010))  
Public Review Date: Mar 10, 2017 | Final Action Date: May 15, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F1948-2020, Specification for Metallic Mechanical Fittings for Use on Outside Diameter Controlled Thermoplastic Gas Distribution Pipe and Tubing (revision of ANSI/ASTM F1948-2019)  
Public Review Date: Jan 10, 2020 | Final Action Date: Feb 25, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F1951-2021, Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment (revision of ANSI/ASTM F1951-2014)  
Public Review Date: Jan 8, 2021 | Final Action Date: Aug 1, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F1952-2022, Specification for Helmets Used for Downhill Mountain Bicycle Racing (revision of ANSI/ASTM F1952-2015)  
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- ▶ ANSI/ASTM F1953-2010 (R2018), Guide for Construction and Maintenance of Grass Tennis Courts (reaffirmation of ANSI/ASTM F1953-2010)  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F1955-2022, Test Method for Flammability of Sleeping Bags (revision of ANSI/ASTM F1955-2020)  
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- ▶ ANSI/ASTM F1960-2022, Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F1960-2021)  
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- ▶ ANSI/ASTM F1963-2005 (R2017), Specification for Deep-Fat Fryers, Gas or Electric, Open (reaffirmation of ANSI/ASTM F1963-2005 (R2011))  
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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F1964-2021, Test Method for Performance of Pressure Fryers (revision of ANSI/ASTM F1964-2011 (R2019))  
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- ▶ ANSI/ASTM F1965-2017 (R2022), Test Method for Performance of Deck Ovens (reaffirmation of ANSI/ASTM F1965-2017)  
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- ▶ ANSI/ASTM F1966-2012 (R2017), Specification for Dough Divider and Rounding Machines (reaffirmation of ANSI/ASTM F1966-2012)  
Public Review Date: Nov 10, 2017 | Final Action Date: Dec 26, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F1970-2022, Specification for Special Engineered Fittings, Appurtenances or Valves for use in Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Systems (revision of ANSI/ASTM F1970-2019)  
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- ▶ ANSI/ASTM F1973-2021, Specification for Factory Assembled Anodeless Risers and Transition Fittings in Polyethylene (PE) and Polyamide 11 (PA11) and Polyamide 12 (PA12) Fuel Gas Distribution Systems (revision of ANSI/ASTM F1973-2013 (R2018))  
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- ▶ ANSI/ASTM F1974-2009 (R2020), Specification for Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Composite Pressure Pipe (reaffirmation of ANSI/ASTM F1974-2017)  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F1975-2015, Specification for Nonpowered Bicycle Trailers Designed for Human Passengers (revision of ANSI/ASTM F1975-2009)  
Public Review Date: Sep 4, 2015 | Final Action Date: Oct 20, 2015 | [Approved](#)

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- ▶ ANSI/ASTM F1979-2017 (R2021), Specification for Projectiles Used in the Sport of Paintball (reaffirmation of ANSI/ASTM F1979-2017)  
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- ▶ ANSI/ASTM F1985-1999 (R2019), Specification for Pneumatic-Operated, Globe-Style, Control Valves (reaffirmation of ANSI/ASTM F1985-1999 (R2011))  
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- ▶ ANSI/ASTM F1991-2006 (R2021), Test Method for Performance of Chinese (Wok) Ranges (reaffirmation of ANSI/ASTM F1991-2006 (R2016))  
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- ▶ ANSI/ASTM F1994-2000 (R2019), Test Method for Shipboard Fixed Foam Firefighting Systems (reaffirmation of ANSI/ASTM F1994-2000 (R2011))  
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- ▶ ANSI/ASTM F2001-2015 (R2022), Guide for Vessel-Related Technical Information for Use in Developing an Electronic Database and Ship Safety Record (reaffirmation of ANSI/ASTM F2001-2015)  
Public Review Date: Jan 7, 2022 | Final Action Date: Feb 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2014-2000 (R2019), Specification for Non-Reinforced Extruded Tee Connections for Piping Applications (reaffirmation of ANSI/ASTM F2014-2000 (R2013))  
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- ▶ ANSI/ASTM F2015-2000 (R2019), Specification for Lap Joint Flange Pipe End Applications (reaffirmation of ANSI/ASTM F2015-2000 (R2013))  
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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F2016-2000 (R2018), Practice for Establishing Shipbuilding Quality Requirements for Hull Structure, Outfitting, and Coatings (reaffirmation of ANSI/ASTM F2016-2000 (R2012))  
Public Review Date: Mar 9, 2018 | Final Action Date: Oct 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2017-2015 (R2022), Guide for Database Structure of Electronic Data Interchange Between Ship Owner and Shipyard for Contract Administration (reaffirmation of ANSI/ASTM F2017-2015)  
Public Review Date: Jan 7, 2022 | Final Action Date: Feb 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2021-2017 (R2022), Guide for Design and Installation of Plastic Siphonic Roof Drainage Systems (reaffirmation of ANSI/ASTM F2021-2017)  
Public Review Date: Jan 7, 2022 | Final Action Date: Feb 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2022-2001 (R2019), Test Method for Performance of Booster Heaters (reaffirmation of ANSI/ASTM F2022-2001 (R2013))  
Public Review Date: Apr 5, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2030-2021, Specification for Paintball Cylinder Burst Disk Assemblies (revision of ANSI/ASTM F2030-2011 (R2020))  
Public Review Date: May 7, 2021 | Final Action Date: Jun 22, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2031-2005 (R2014), Test Method for Measurement of Arrow Shaft Static Spine (Stiffness) (reaffirmation of ANSI/ASTM F2031-2005 (R2010))  
Public Review Date: Aug 8, 2014 | Final Action Date: Sep 23, 2014 | [Approved](#)

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- ▶ ANSI/ASTM F2032-2022, Specification for Helmets Used for BMX Cycling (revision of ANSI/ASTM F2032-2015)  
Public Review Date: Jul 1, 2022 | Final Action Date: Aug 16, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2039-2000 (R2018), Guide for Basic Elements of Shipboard Occupational Health and Safety Program (reaffirmation of ANSI/ASTM F2039-2000 (R2012))  
Public Review Date: Mar 9, 2018 | Final Action Date: Oct 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2040-2018, Specification for Helmets Used for Recreational Snow Sports (revision of ANSI/ASTM F2040-2011)  
Public Review Date: Aug 4, 2017 | Final Action Date: Mar 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2043-2013 (R2018), Classification for Bicycle Usage (reaffirmation of ANSI/ASTM F2043-2013)  
Public Review Date: Oct 5, 2018 | Final Action Date: Nov 20, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2044-2005 (R2019), Specification for Liquid Level Indicating Equipment, Electrical (reaffirmation of ANSI/ASTM F2044-2005 (R2013))  
Public Review Date: Feb 8, 2019 | Final Action Date: Mar 26, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2045-2000 (R2018), Specification for Indicators, Sight, Liquid Level, Direct and Indirect Reading, Tubular Glass/Plastic (reaffirmation of ANSI/ASTM F2045-2000 (R2011))  
Public Review Date: Oct 7, 2016 | Final Action Date: Jan 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2046-2000 (R2022), Specification for Tachometers, Various (reaffirmation of ANSI/ASTM F2046-2000 (R2017))  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 18, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2048-2009 (R2017), Practice for Reporting Slip Resistance Test Results (reaffirmation of ANSI/ASTM F2048-2000 (R2009))  
Public Review Date: Sep 4, 2015 | Final Action Date: Aug 1, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F2060-2001 (R2018), Guide for Maintaining Cool Season Turfgrasses on Athletic Fields (reaffirmation of ANSI/ASTM F2060-2001 (R2011))  
Public Review Date: Sep 7, 2018 | Final Action Date: Oct 23, 2018 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F2070-2000 (2022), Specification for Transducers, Pressure and Differential, Pressure, Electrical and Fiber-Optic (reaffirmation of ANSI/ASTM F2070-2000 (R2017))  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 18, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2071-2000 (2022), Specification for Switch, Position Proximity (Noncontact) or Limit (Mechanical Contact), Fiber-Optic (reaffirmation of ANSI/ASTM F2071-2000 (R2017))  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 18, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2075-2020, Specification for Engineered Wood Fiber for Use as a Playground Safety Surface Under and Around Playground Equipment (revision of ANSI/ASTM F2075-2015)  
PINS Date: Sep 4, 2020 | Public Review Date: Nov 6, 2020 | Final Action Date: Dec 1, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2080-2019, Specification for Cold-Expansion Fittings with Metal Compression-Sleeves for Crosslinked Polyethylene (PEX) Pipe and SDR9 Polyethylene of Raised Temperature (PE-RT) Pipe (revision of ANSI/ASTM F2080-2018)  
Public Review Date: Oct 4, 2019 | Final Action Date: Nov 19, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2087-2013 (R2019), Specification for Packing, Fiberglass, Braided, Rope, and Wick (reaffirmation of ANSI/ASTM F2087-2013)  
Public Review Date: Jun 7, 2019 | Final Action Date: Jul 23, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2092-2014 (R2022), Specification for Convection Oven Gas or Electric (reaffirmation of ANSI/ASTM F2092-2014)  
Public Review Date: May 6, 2022 | Final Action Date: Jun 21, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2093-2018, Test Method for Performance of Rack Ovens (revision of ANSI/ASTM F2093-2011)  
Public Review Date: Feb 2, 2018 | Final Action Date: Mar 20, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2098-2018, Specification for Stainless Steel Clamps for Securing SDR9 Cross-linked Polyethylene (PEX) Tubing to Metal Insert and Plastic Insert Fittings (revision of ANSI/ASTM F2098-2017)  
Public Review Date: Jul 6, 2018 | Final Action Date: Nov 15, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2106-2018, Test Methods for Evaluating Design and Performance Characteristics of Motorized Treadmills (revision of ANSI/ASTM F2106-2012)  
Public Review Date: May 11, 2018 | Final Action Date: Jun 26, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2107-2008 (R2020), Guide for Construction and Maintenance of Skinned Areas on Baseball and Softball Fields (reaffirmation of ANSI/ASTM F2107-2008 (R2015))  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2115-2020, Specification for Motorized Treadmills (revision of ANSI/ASTM F2115-2018)  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2117-2010 (R2017), Test Method for Vertical Rebound Characteristics of Sports Surface/Ball Systems; Acoustical Measurement (reaffirmation of ANSI/ASTM F2117-2010)  
Public Review Date: Mar 10, 2017 | Final Action Date: Apr 28, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F2123-2021, Practice for Treestand Instructions (revision of ANSI/ASTM F2123-2019)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2128-2022, Test Method for Treestand Repetitive Loading Capability (revision of ANSI/ASTM F2128-2013 (R2021))  
Public Review Date: Nov 4, 2022 | Final Action Date: Dec 20, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2135-2001 (R2022), Specification for Molded Drain, Waste, and Vent (DWV) Short-Pattern Plastic Fittings (reaffirmation of ANSI/ASTM F2135-2001 (R2017))  
Public Review Date: Jan 7, 2022 | Final Action Date: Feb 22, 2022 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F2138-2012 (R2017), Specification for Excess Flow Valves for Natural Gas Service (reaffirmation of ANSI/ASTM F2138-2017)  
Public Review Date: Jul 7, 2017 | Final Action Date: Aug 22, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F2140-2011 (R2019), Test Method for Performance of Hot Food Holding Cabinets (reaffirmation of ANSI/ASTM F2140-2011)  
Public Review Date: Apr 5, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2141-2007 (R2019), Test Method for Performance of Self-Serve Hot Deli Cases (reaffirmation of ANSI/ASTM F2141-2007 (R2013))  
Public Review Date: Apr 5, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2142-2001 (R2019), Test Method for Performance of Drawer Warmers (reaffirmation of ANSI/ASTM F2142-2001 (R2013))  
Public Review Date: Apr 5, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2143-2016, Test Method for Performance of Refrigerated Buffet and Preparation Tables (revision of ANSI/ASTM F2143-2004 (R2010))  
PINS Date: Apr 1, 2016 | Public Review Date: May 13, 2016 | Final Action Date: Jun 28, 2016 | [Approved](#)

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- ▶ ANSI/ASTM F2144-2021, Test Method for Performance of Large Open Vat Fryers (revision of ANSI/ASTM F2144-2017)  
Public Review Date: Feb 5, 2021 | Final Action Date: Mar 23, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2145-2013 (R2018), Specification for Polyamide 11 (PA 11) and Polyamide 12 (PA12) Mechanical Fittings for Use on Outside Diameter Controlled Polyamide 11 and Polyamide 12 Pipe and Tubing (reaffirmation of ANSI/ASTM F2145-2017)  
Public Review Date: Jan 5, 2018 | Final Action Date: Mar 5, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2153-2007 (R2018), Test Method for Measurement of Backpack Capacity (reaffirmation of ANSI/ASTM F2153-2007 (R2012))  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2154-2013 (R2019), Specification for Sound-Absorbing Board, Fibrous Glass, Perforated Fibrous Glass Cloth Faced (reaffirmation of ANSI/ASTM F2154-2013)  
Public Review Date: Apr 5, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2157-2009 (R2018), Specification for Synthetic Surfaced Running Tracks (reaffirmation of ANSI/ASTM F2157-2009)  
Public Review Date: Nov 10, 2017 | Final Action Date: Jul 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2159-2021, Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring, or Alternate Stainless Steel Clamps for SDR9 Crosslinked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F2159-2020)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2160-2022a, Specification for Solid Wall High Density Polyethylene (HDPE) Conduit Based on Controlled Outside Diameter (OD) (revision of ANSI/ASTM F2160-2022)  
Public Review Date: Aug 5, 2022 | Final Action Date: Sep 20, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2165-2019, Specification for Flexible Pre-Insulated Piping (revision of ANSI/ASTM F2165-2017)  
Public Review Date: Dec 7, 2018 | Final Action Date: Jan 22, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2168-2013 (R2020), Specification for Packing Material, Graphitic, Corrugated Ribbon or Textured Tape, and Die-Formed Ring (reaffirmation of ANSI/ASTM F2168-2013)  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F2176-2017, Specification for Mechanical Couplings Used on Polyethylene Conduit, Duct and Innerduct (new standard)  
Public Review Date: Jul 7, 2017 | Final Action Date: Sep 1, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F2184-2010 (R2022), Guide for Installation of Paintball Barrier Netting (reaffirmation of ANSI/ASTM F2184-2010 (R2018))  
Public Review Date: Aug 5, 2022 | Final Action Date: Sep 20, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2191-2013 (R2020), Specification for Packing Material, Graphitic or Carbon Braided Yarn (reaffirmation of ANSI/ASTM F2191-2013)  
Public Review Date: Jan 10, 2020 | Final Action Date: Feb 25, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2192-2005 (R2022), Test Method for Determining and Reporting the Berthing Energy and Reaction of Marine Fenders (reaffirmation of ANSI/ASTM F2192-2005 (R2017))  
Public Review Date: Jan 7, 2022 | Final Action Date: Feb 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2202-2007 (R2020), Specification for Slow Cook/Hold Ovens and Hot Food Holding Cabinets (reaffirmation of ANSI/ASTM F2202-2007 (R2015))  
Public Review Date: Jun 12, 2020 | Final Action Date: Jul 28, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2206-2019, Specification for Fabricated Fittings of Butt-Fused Polyethylene (PE) (revision of ANSI/ASTM F2206-2017)  
Public Review Date: Dec 7, 2018 | Final Action Date: Jan 22, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2207-2006 (R2019), Specification for Cured-in-Place Pipe Lining System for Rehabilitation of Metallic Gas Pipe (reaffirmation of ANSI/ASTM F2207-2017)  
Public Review Date: Jul 12, 2019 | Final Action Date: Aug 20, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2216-2017a, Specification for Selectorized Strength Equipment (revision of ANSI/ASTM F2216-2017)  
Public Review Date: Nov 10, 2017 | Final Action Date: Dec 26, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F2218-2002 (R2022), Guide for Hardware Implementation for Computerized Systems (reaffirmation of ANSI/ASTM F2218-2008 (R2015))  
Public Review Date: Jan 7, 2022 | Final Action Date: Feb 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2219-2014 (R2022), Test Methods for Measuring High-Speed Bat Performance (reaffirmation of ANSI/ASTM F2219-2014)  
Public Review Date: Apr 8, 2022 | Final Action Date: May 24, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2220-2015, Specification for Headforms (revision of ANSI/ASTM F2220-2014)  
Public Review Date: May 8, 2015 | Final Action Date: Jun 23, 2015 | [Approved](#)

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- ▶ ANSI/ASTM F2223-2020, Guide for ASTM Standards on Playground Surfacing (revision of ANSI/ASTM F2223-2019A)  
Public Review Date: Sep 6, 2019 | Final Action Date: Dec 1, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2225-2015 (R2020), Safety Specification for Consumer Trampoline Enclosures (reaffirmation of ANSI/ASTM F2225-2015)  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2237-2008 (R2020), Test Method for Performance of Upright Overfired Broilers (reaffirmation of ANSI/ASTM F2237-2008 (R2015))  
Public Review Date: Jun 12, 2020 | Final Action Date: Jul 28, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2238-2020, Test Method for Performance of Rapid Cook Ovens (revision of ANSI/ASTM F2238-2016)  
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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F2239-2010 (R2021), Test Method for Performance of Conveyor Broilers (reaffirmation of ANSI/ASTM F2239-2010 (R2016))  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 21, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2268-2010 (R2015), Specification for Bicycle Serial Numbers (reaffirmation of ANSI/ASTM F2268-2003 (R2010))  
Public Review Date: Sep 4, 2015 | Final Action Date: Oct 20, 2015 | [Approved](#)

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- ▶ ANSI/ASTM F2269-2011 (R2018), Guide for Maintaining Warm Season Turfgrasses on Athletic Fields (reaffirmation of ANSI/ASTM F2269-2011)  
Public Review Date: Sep 7, 2018 | Final Action Date: Oct 23, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2270-2012 (R2018), Guide for Construction and Maintenance of Warning Track Areas on Athletic Fields (reaffirmation of ANSI/ASTM F2270-2012 (R2018))  
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- ▶ ANSI/ASTM F2271-2011 (R2020), Specification for Paintball Marker Barrel Blocking Devices (reaffirmation of ANSI/ASTM F2271-2011 (R2015))  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2272-2013 (R2021), Specification for Paintball Markers (reaffirmation of ANSI/ASTM F2272-2013 (R2017))  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2273-2011 (R2016), Test Methods for Bicycle Forks (reaffirmation of ANSI/ASTM F2273-2011)  
Public Review Date: Sep 2, 2016 | Final Action Date: Oct 18, 2016 | [Approved](#)

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- ▶ ANSI/ASTM F2274-2011 (R2016), Specification for Condition 3 Bicycle Forks (reaffirmation of ANSI/ASTM F2274-2011)  
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- ▶ ANSI/ASTM F2275-2021, Practice for Treestand Manufacturer Quality Assurance Program (revision of ANSI/ASTM F2275-2017)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2276-2010 (R2015), Specification for Fitness Equipment (reaffirmation of ANSI/ASTM F2276-2010)  
Public Review Date: Sep 4, 2015 | Final Action Date: Oct 20, 2015 | [Approved](#)

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- ▶ ANSI/ASTM F2277-2017a, Test Methods for Evaluating Design and Performance Characteristics of Selectorized Strength Equipment (revision of ANSI/ASTM F2277-2017)  
Public Review Date: Nov 10, 2017 | Final Action Date: Dec 26, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F2278-2019, Test Method for Evaluating Paintball Barrier Netting (revision of ANSI/ASTM F2278-2010a (R2014))  
Public Review Date: Jan 18, 2019 | Final Action Date: Mar 5, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2283-2012 (R2018), Specification for Shipboard Oil Pollution Abatement System (reaffirmation of ANSI/ASTM F2283-2012)  
Public Review Date: Apr 6, 2018 | Final Action Date: Jul 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2324-2013 (R2019), Test Method for Prerinse Spray Valves (reaffirmation of ANSI/ASTM F2324-2013)  
Public Review Date: Apr 5, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2333-2004 (R2017), Test Method for Traction Characteristics of the Athletic Shoe-Sports Surface Interface (reaffirmation of ANSI/ASTM F2333-2004 (R2011))  
Public Review Date: Aug 4, 2017 | Final Action Date: Sep 19, 2017 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F2334-2018, Guide for Above Ground Public Use Skatepark Facilities (revision of ANSI/ASTM F2334-2009 (R2017))  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2336-2017, Reinstatement on Standard Guide for Roller Hockey Playing Facilities (new standard)  
PINS Date: Jan 27, 2017 | Public Review Date: Mar 10, 2017 | Final Action Date: May 15, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F2337-2022, Test Method for Treestand Fall Arrest System (revision of ANSI/ASTM F2337-2021)  
Public Review Date: Nov 4, 2022 | Final Action Date: Dec 20, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2361-2018, Guide for Ordering Low Voltage (1000 VAC or Less) Alternating Current Electric Motors for Shipboard Service Up to and Including Motors of 500 Horsepower (revision of ANSI/ASTM F2361-2009 (R2013))  
Public Review Date: Oct 5, 2018 | Final Action Date: Nov 20, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2362-2009 (R2020), Specification for Temperature Monitoring Equipment (reaffirmation of ANSI/ASTM F2362-2009 (R2013))  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2363-2017, Specification for Sewage and Graywater Flow Through Treatment Systems (revision of ANSI/ASTM F2363-2012)  
Public Review Date: Apr 7, 2017 | Final Action Date: Nov 15, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F2379-2004 (R2021), Test Method for Energy Performance of Powered Open Warewashing Sinks (reaffirmation of ANSI/ASTM F2379-2004 (R2016))  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 21, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2380-2018, Test Method for Performance of Conveyor Toasters (revision of ANSI/ASTM F2380-2004 (R2016))  
Public Review Date: Feb 2, 2018 | Final Action Date: Mar 20, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2389-2021, Specification for Pressure-rated Polypropylene (PP) Piping Systems (revision of ANSI/ASTM F2389-2019)  
Public Review Date: Mar 12, 2021 | Final Action Date: Apr 27, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2390-2021, Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent (DWV) Pipe and Fittings Having Post-Industrial Recycle Content (revision of ANSI/ASTM F2390-2017 (R2017))  
Public Review Date: Jul 9, 2021 | Final Action Date: Aug 24, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2396-2011 (R2020), Guide for Construction of High Performance Sand-Based Rootzones for Athletic Fields (reaffirmation of ANSI/ASTM F2396-2011)  
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- ▶ ANSI/ASTM F2397-2018, Specification for Protective Headgear Used in Martial Arts (revision of ANSI/ASTM F2397-2009 (R2015))  
Public Review Date: Sep 7, 2018 | Final Action Date: Oct 23, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2398-2011 (R2020), Test Method for Measuring Moment of Inertia and Center of Percussion of a Baseball or Softball Bat (reaffirmation of ANSI/ASTM F2398-2011 (R2015))  
Public Review Date: Jun 12, 2020 | Final Action Date: Jul 28, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2400-2016, Specification for Helmets Used in Pole Vaulting (revision of ANSI/ASTM F2400-2004 (R2011))  
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- ▶ ANSI/ASTM F2432-2012 (R2018), Specification for Ice Making Machines, Icemaker-Dispensers, and Ice Dispensing Equipment (reaffirmation of ANSI/ASTM F2432-2012)  
Public Review Date: Sep 7, 2018 | Final Action Date: Oct 23, 2018 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F2434-2019, Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene (PEX-AL-PEX) Tubing (revision of ANSI/ASTM F2434-2018)  
Public Review Date: Oct 4, 2019 | Final Action Date: Nov 19, 2019 | [Approved](#)
- ▶ ANSI/ASTM F2439-2017, Specification for Headgear Used in Soccer (revision of ANSI/ASTM F2439-2011 (R2016))  
Public Review Date: Aug 4, 2017 | Final Action Date: Sep 19, 2017 | [Approved](#)
- ▶ ANSI/ASTM F2440-2018, Specification for Indoor Wall/Feature Padding (revision of ANSI/ASTM F2440-2011)  
Public Review Date: Oct 5, 2018 | Final Action Date: Nov 20, 2018 | [Approved](#)
- ▶ ANSI/ASTM F2441-2021, Practice for Labeling of Backpacking and Mountaineering Tents and Bivouac Sacks (revision of ANSI/ASTM F2441-2012 (R2018))  
Public Review Date: Nov 6, 2020 | Final Action Date: Dec 22, 2020 | [Approved](#)
- ▶ ANSI/ASTM F2446-2010 (R2019), Classification for Hierarchy of Equipment Identifiers and Boundaries for Reliability, Availability, and Maintainability (RAM) Performance Data Exchange (reaffirmation of ANSI/ASTM F2446-2010)  
Public Review Date: Nov 2, 2018 | Final Action Date: Dec 18, 2018 | [Approved](#)
- ▶ ANSI/ASTM F2472-2005 (R2021), Test Method for Performance of Staff-Serve Hot Deli Cases (reaffirmation of ANSI/ASTM F2472-2005 (R2016))  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 21, 2021 | [Approved](#)
- ▶ ANSI/ASTM F2473-2012 (R2018), Test Method for Performance of Water-Bath Rethermalizers (reaffirmation of ANSI/ASTM F2473-2012)  
Public Review Date: Feb 2, 2018 | Final Action Date: Mar 20, 2018 | [Approved](#)
- ▶ ANSI/ASTM F2474-2017 (R2022), Test Method for Heat Gain to Space Performance of Commercial Kitchen Ventilation/Appliance Systems (reaffirmation of ANSI/ASTM F2474-2017)  
Public Review Date: Jun 3, 2022 | Final Action Date: Jul 19, 2022 | [Approved](#)
- ▶ ANSI/ASTM F2479-2017a, Guide for Specification, Purchase, Installation and Maintenance of Poured-In-Place Playground Surfacing (revision of ANSI/ASTM F2479-2017)  
Public Review Date: May 5, 2017 | Final Action Date: Jun 20, 2017 | [Approved](#)
- ▶ ANSI/ASTM F2480-2018, Guide for In-ground Concrete Skatepark (revision of ANSI/ASTM F2480-2006 (R2017))  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)
- ▶ ANSI/ASTM F2487-2021, Practice for Infiltration and Exfiltration Acceptance Testing of Installed Corrugated High Density Polyethylene and Polypropylene Pipelines (revision of ANSI/ASTM F2487-2017 (R2017))  
Public Review Date: Jul 9, 2021 | Final Action Date: Dec 1, 2021 | [Approved](#)
- ▶ ANSI/ASTM F2508-2016, Practice for Validation, Calibration, and Certification of Walkway Tribometers Using Reference Surfaces (revision of ANSI/ASTM F2508-2015)  
Public Review Date: Sep 4, 2015 | Final Action Date: Jul 1, 2016 | [Approved](#)
- ▶ ANSI/ASTM F2509-2015 (R2019), Specification for Field-assembled Anodeless Riser Kits for Use on Outside Diameter Controlled Polyethylene and Polyamide-11 (PA11) Gas Distribution Pipe and Tubing (reaffirmation of ANSI/ASTM F2509-2017)  
Public Review Date: Jul 12, 2019 | Final Action Date: Aug 20, 2019 | [Approved](#)
- ▶ ANSI/ASTM F2510-2022, Specification for Resilient Connectors Between Reinforced Concrete Manhole Structures and Corrugated Dual- and Triple-Wall Polyethylene and Polypropylene Pipes (revision of ANSI/ASTM F2510/F2510M-2017a)  
Public Review Date: Jul 9, 2021 | Final Action Date: Jan 15, 2022 | [Approved](#)

**ASTM (ASTM International)**

- ▶ ANSI/ASTM F2519-2011 (R2021), Test Method for Grease Particle Capture Efficiency of Commercial Kitchen Filters and Extractors (reaffirmation of ANSI/ASTM F2519-2011 (R2015))  
Public Review Date: Nov 6, 2020 | Final Action Date: Dec 22, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2520-2020, Specification for Reach-in Refrigerators, Freezers, Combination Refrigerator/Freezers, and Thaw Cabinets (revision of ANSI/ASTM F2520-2005 (R2012))  
PINS Date: Sep 7, 2018 | Public Review Date: Jul 10, 2020 | Final Action Date: Aug 25, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2521-2009 (R2022), Specification for Heavy-Duty Ranges, Gas and Electric (reaffirmation of ANSI/ASTM F2521-2009 (R2014))  
Public Review Date: May 6, 2022 | Final Action Date: Jun 21, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2530-2013 (R2020), Specification for Protective Headgear with Faceguard Used in Bull Riding (reaffirmation of ANSI/ASTM F2530-2013)  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2536-2017 (R2022), Guide for Installing Plastic DWV Piping Suspended from On-Grade Slabs (reaffirmation of ANSI/ASTM F2536-2017)  
Public Review Date: Jan 7, 2022 | Final Action Date: Feb 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2553-2016 (R2020), Specification for Warnings on Refillable CO<sub>2</sub> Cylinders Used In the Sport of Paintball (reaffirmation of ANSI/ASTM F2553-2016)  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2568-2006 (R2018), Test Method for Measurement of Sleeping Bags (reaffirmation of ANSI/ASTM F2568-2006 (R2012))  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2569-2011 (R2020), Test Method for Evaluating the Force Reduction Properties of Surfaces for Athletic Use (reaffirmation of ANSI/ASTM F2569-2011)  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2571-2015 (R2020), Test Methods for Evaluating Design and Performance Characteristics of Fitness Equipment (reaffirmation of ANSI/ASTM F2571-2015)  
Public Review Date: May 22, 2020 | Final Action Date: Dec 15, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2573-2006 (R2022), Specification for Low Velocity Resilient Material Projectile (reaffirmation of ANSI/ASTM F2573-2006 (R2018))  
Public Review Date: Aug 5, 2022 | Final Action Date: Sep 20, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2574-2006 (R2022), Specification for Low Velocity Projectile Marker (reaffirmation of ANSI/ASTM F2574-2006 (R2018))  
Public Review Date: Aug 5, 2022 | Final Action Date: Sep 20, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2600-2009 (R2018), Specification for Electrofusion Type Polyamide-11 Fittings for Outside Diameter Controlled Polyamide-11 Pipe and Tubing (reaffirmation of ANSI/ASTM F2600-2017)  
Public Review Date: Jan 5, 2018 | Final Action Date: Feb 20, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2614-2019, Specification for Condition 3 Bicycle Frames (revision of ANSI/ASTM F2614-2010 (R2014))  
Public Review Date: May 10, 2019 | Final Action Date: Jun 25, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2618-2021, Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Fittings for Chemical Waste Drainage Systems (revision of ANSI/ASTM F2618-2019)  
Public Review Date: Mar 12, 2021 | Final Action Date: Apr 27, 2021 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F2620-2020A, Practice for Heat Fusion Joining of Polyethylene Pipe and Fittings (revision of ANSI/ASTM F2620-2019)  
Public Review Date: Nov 6, 2020 | Final Action Date: Dec 22, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2623-2022, Specification for Polyethylene of Raised Temperature (PE-RT) Systems for Non-Potable Water Applications (revision of ANSI/ASTM F2623-2019)  
Public Review Date: Jan 7, 2022 | Final Action Date: Feb 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2643-2020, Specification for Powered Pot, Pan and Utensil Washing Sinks (revision of ANSI/ASTM F2643-2015)  
Public Review Date: May 8, 2020 | Final Action Date: Jun 23, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2644-2007 (R2019), Test Method For Performance of Commercial Patio Heaters (reaffirmation of ANSI/ASTM F2644-2007 (R2013))  
Public Review Date: Apr 5, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2645-2021, Specification for Bun Slicing Machines (revision of ANSI/ASTM F2645-2016)  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 21, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2646-2021, Specification for Bread Slicing Machines (revision of ANSI/ASTM F2646-2016)  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 21, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2649-2014 (R2019), Specification for Corrugated High Density Polyethylene (HDPE) Grease Interceptor Tanks (reaffirmation of ANSI/ASTM F2649-2017)  
Public Review Date: Jan 18, 2019 | Final Action Date: Mar 5, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2650-2017, TERMINOLOGY RELATING TO IMPACT TESTING OF SPORTS SURFACES AND EQUIPMENT (revision of ANSI/ASTM F2650-2013)  
PINS Date: Sep 15, 2006 | Public Review Date: Apr 5, 2013 | Final Action Date: Sep 15, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F2651-2011 (R2015), Terminology Relating to Soil and Turfgrass Characteristics of Natural Playing Surfaces (reaffirmation of ANSI/ASTM F2651-2011)  
Public Review Date: Sep 4, 2015 | Final Action Date: Oct 20, 2015 | [Approved](#)

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- ▶ ANSI/ASTM F2653-2011 (R2020), Specification for Paintball Valve Male Threaded Connection for Use with Approved Cylinders (reaffirmation of ANSI/ASTM F2653-2011 (R2015))  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2654-2016 (R2020), Specification for Airsoft Gun Warnings (reaffirmation of ANSI/ASTM F2654-2016)  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2679-2015 (R2020), Specification for 6 mm Projectiles Used with Airsoft Guns (reaffirmation of ANSI/ASTM F2679-2015)  
Public Review Date: Sep 6, 2019 | Final Action Date: Oct 22, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2680-2017, Specification for Manually Operated Front Wheel Retention Systems for Bicycles (revision of ANSI/ASTM F2680-2009 (R2014))  
Public Review Date: Aug 4, 2017 | Final Action Date: Sep 19, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F2681-2018, Specification for Body Protectors Used in Equine Racing (revision of ANSI/ASTM F2681-2008 (R2014))  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2687-2013 (R2019), Practice for Life Cycle Cost Analysis of Commercial Food Service Equipment (reaffirmation of ANSI/ASTM F2687-2013)  
Public Review Date: Jun 7, 2019 | Final Action Date: Jul 23, 2019 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F2711-2019, Test Methods for Bicycle Frames (revision of ANSI/ASTM F2711-2008 (R2012))  
Public Review Date: Sep 6, 2019 | Final Action Date: Oct 22, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2713-2021, Specification for Eye Protectors for Field Hockey (revision of ANSI/ASTM F2713-2018)  
Public Review Date: Dec 6, 2019 | Final Action Date: Dec 1, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2720-2020, Specification for Glass Fiber Reinforced Polyethylene (PE-GF) Spiral Wound Large Diameter Pipe (new standard)  
PINS Date: May 1, 2020 | Public Review Date: Jun 19, 2020 | Final Action Date: Sep 1, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2727-2009 (R2020), Guide for Manufacturers for Labeling Headgear Products (reaffirmation of ANSI/ASTM F2727-2009 (R2014))  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2735-2021, Specification for Plastic Insert Fittings For SDR9 Cross-linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F2735-2020)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2737-2011 (R2021), Specification for Corrugated High Density Polyethylene (HDPE) Water Quality Units (reaffirmation of ANSI/ASTM F2737-2011 (R2017))  
Public Review Date: Jun 4, 2021 | Final Action Date: Jul 20, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2747-2019, Reinstatement of F2747 - 10 Standard Guide for Construction of Sand-based Rootzones for Golf Putting Greens and Tees (new standard)  
PINS Date: Aug 30, 2019 | Public Review Date: Sep 20, 2019 | Final Action Date: Nov 5, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2748-2019, Specification for Airsoft Guns (revision of ANSI/ASTM F2748-2015)  
Public Review Date: Sep 6, 2019 | Final Action Date: Oct 22, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2765-2014 (R2021), Specification for Total Lead Content in Synthetic Turf Fibers (reaffirmation of ANSI/ASTM F2765-2014)  
Public Review Date: Sep 6, 2019 | Final Action Date: May 1, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2767-2018, Specification for Electrofusion Type Polyamide-12 Fittings for Outside Diameter Controlled Polyamide-12 Pipe and Tubing for Gas Distribution (revision of ANSI/ASTM F2767-2017)  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2769-2022, Specification for Polyethylene of Raised Temperature (PE-RT) Plastic Hot and Cold-Water Tubing and Distribution Systems (revision of ANSI/ASTM F2769-2018)  
Public Review Date: Mar 11, 2022 | Final Action Date: Jul 15, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2772-2011 (R2020), Specification for Athletic Performance Properties of Indoor Sports Floor Systems (reaffirmation of ANSI/ASTM F2772-2011)  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2773-2013 (R2021), Practice for Transfilling Compressed Air or Nitrogen and Safe Handling of Small Paintball Cylinders (reaffirmation of ANSI/ASTM F2773-2013 (R2017))  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2774-2009 (R2020), Practice for Manufacturing Quality Control of Consumer Trampoline Bed Material (reaffirmation of ANSI/ASTM F2774-2009 (R2014))  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2785-2021, Specification for Polyamide 12 Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM F2785-2021)  
Public Review Date: Jun 4, 2021 | Final Action Date: Jul 20, 2021 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F2788/F2788M-2021, Specification for Metric and Inch-sized Crosslinked Polyethylene (PEX) Pipe (revision of ANSI/ASTM F2788/F2788M-2020)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2793-2014, Specification for Bicycle Grips (new standard)  
PINS Date: Aug 29, 2008 | Public Review Date: Aug 8, 2014 | Final Action Date: Sep 23, 2014 | [Approved](#)

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- ▶ ANSI/ASTM F2795-2018, Test Method for Performance of Self-Contained Soft Serve and Shake Freezers (revision of ANSI/ASTM F2795-2015)  
Public Review Date: Aug 10, 2018 | Final Action Date: Sep 25, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2796-2019, Specification for Hot Food Holding Tables (revision of ANSI/ASTM F2796-2009 (R2014))  
Public Review Date: Feb 8, 2019 | Final Action Date: Mar 26, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2798-2009 (R2018), Specification for Sealless Lube Oil Pump with Oil Through Motor for Marine Applications (reaffirmation of ANSI/ASTM F2798-2009 (R2014))  
Public Review Date: Apr 6, 2018 | Final Action Date: May 22, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2800-2011 (R2017), Specification for Recirculating Hood System for Cooking Appliances (reaffirmation of ANSI/ASTM F2800-2011)  
Public Review Date: Mar 10, 2017 | Final Action Date: Apr 28, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F2801-2019, Practice for Paintball Player Safety Briefing (revision of ANSI/ASTM F2801-2011 (R2015))  
Public Review Date: Mar 15, 2019 | Final Action Date: Jul 1, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2802-2019, Specification for Condition 1 Bicycle Frames (revision of ANSI/ASTM F2802-2009 (R2015))  
Public Review Date: May 10, 2019 | Final Action Date: Jun 25, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2806-2020, Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (Metric SDR-PR) (revision of ANSI/ASTM F2806-2017)  
Public Review Date: Jun 12, 2020 | Final Action Date: Jul 28, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2810-2015 (R2020), Specification for Elliptical Trainers (reaffirmation of ANSI/ASTM F2810-2015)  
Public Review Date: May 22, 2020 | Final Action Date: Dec 15, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2811-2015 (R2020), Test Methods for Evaluating Design and Performance Characteristics of Elliptical Trainers (reaffirmation of ANSI/ASTM F2811-2015)  
Public Review Date: May 22, 2020 | Final Action Date: Dec 15, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2812-2012 (R2018), Specification for Goggle- and Spectacle-Type Eye Protectors for Selected Motor Sports (reaffirmation of ANSI/ASTM F2812-2012)  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2817-2013 (R2019), Specification for Poly (Vinyl Chloride) (PVC) Gas Pressure Pipe and Fittings For Maintenance or Repair (reaffirmation of ANSI/ASTM F2817-2017)  
Public Review Date: Jul 7, 2017 | Final Action Date: May 1, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2818-2010 (R2019) , Specification for Specification for Crosslinked Polyethylene (PEX) Material Gas Pressure Pipe and Tubing (reaffirmation of ANSI/ASTM F2818-2017)  
Public Review Date: Jul 12, 2019 | Final Action Date: Aug 20, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2829-2021, Specification for Metric- and Inch-Sized Fittings for Crosslinked Polyethylene (PEX) Pipe (revision of ANSI/ASTM F2829-2020)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F2830-2011 (R2017), Specification for Manufacture and Joining of Polyethylene (PE) Gas Pressure Pipe With a Peelable Polypropylene (PP) Outer Layer (reaffirmation of ANSI/ASTM F2830-2017)  
Public Review Date: Jul 7, 2017 | Final Action Date: Aug 22, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F2834-2010 (R2017), Specification for Induction Cooktops, Counter Top, Drop-in Mounted, or Floor Standing (reaffirmation of ANSI/ASTM F2834-2010)  
Public Review Date: Oct 6, 2017 | Final Action Date: Nov 21, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F2835-2010 (R2017), Specification for Underfired Broilers (reaffirmation of ANSI/ASTM F2835-2010)  
Public Review Date: Oct 6, 2017 | Final Action Date: Nov 21, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F2842-2020, Specification for Reins Used in Thoroughbred and Quarter Horse Racing (revision of ANSI/ASTM F2842-2011 (R2017))  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2843-2019, Specification for Condition 0 Bicycle Frames (revision of ANSI/ASTM F2843-2010 (R2015))  
Public Review Date: May 10, 2019 | Final Action Date: Jun 25, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2844-2020, Test Method for Displacement Compression of Softball and Baseball Bat Barrels (revision of ANSI/ASTM F2844-2015 (R2016))  
Public Review Date: Jun 12, 2020 | Final Action Date: Jul 28, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2845-2022, Test Method for Measuring the Dynamic Stiffness (DS) and Cylindrical Coefficient of Restitution (CCOR) of Baseballs and Softballs (revision of ANSI/ASTM F2845-2014)  
Public Review Date: Apr 8, 2022 | Final Action Date: May 24, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2854-2021, Specification for Push-Fit Crosslinked Polyethylene (PEX) Mechanical Fittings for Crosslinked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F2854-2020A)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2855-2019, Specification for Chlorinated Poly(Vinyl Chloride)/Aluminum/Chlorinated Poly(Vinyl Chloride) (CPVC-AL-CPVC) Composite Pressure Tubing (revision of ANSI/ASTM F2855-2012)  
Public Review Date: Mar 15, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2856-2012 (R2020), Practice for Transfilling and Safe Handling of Small CO<sub>2</sub> Cylinders for Use in Paintball (reaffirmation of ANSI/ASTM F2856-2012 (R2016))  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2861-2020, Test Method for Enhanced Performance of Combination Oven in Various Modes (revision of ANSI/ASTM F2861-2017)  
Public Review Date: Aug 7, 2020 | Final Action Date: Sep 22, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2868-2019, Specification for Condition 2 Bicycle Frames (revision of ANSI/ASTM F2868-2010 (R2015))  
Public Review Date: May 10, 2019 | Final Action Date: Jun 25, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2875-2010 (R2020), Guide for Laboratory Requirements Necessary to Test Commercial Cooking and Warming Appliances to ASTM Test Methods (reaffirmation of ANSI/ASTM F2875-2010 (R2015))  
Public Review Date: Jun 12, 2020 | Final Action Date: Jul 28, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2876-2022, Practice for Thermal Rating and Installation of Internal Combustion Engine Packages for use in Hazardous Locations in Marine Applications (revision of ANSI/ASTM F2876-2010 (R2015))  
Public Review Date: Jul 1, 2022 | Final Action Date: Aug 16, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2877/F2877M-2013 (R2019), Test Method for Shock Testing of Structural Insulation of A-Class Divisions Constructed of Steel or Aluminum (reaffirmation of ANSI/ASTM F2877/F2877M-2013)  
Public Review Date: Apr 5, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F2879-2022, Specification for Eye Protective Devices for Airsoft Sports (revision of ANSI/ASTM F2879-2021)  
Public Review Date: Apr 8, 2022 | Final Action Date: May 24, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2880-2021, Specification for Lap-Joint Type Flange Adapters for Polyethylene Pressure Pipe in Nominal Pipe Sizes 34 in. to 65 in. (revision of ANSI/ASTM F2880-2014)  
Public Review Date: Oct 8, 2021 | Final Action Date: Nov 23, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2891-2015 (R2020), Specification for Commercial Bulk Milk Dispensers, Mechanically Refrigerated (reaffirmation of ANSI/ASTM F2891-2015)  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2897-2021, Specification for Tracking and Traceability Encoding System of Natural Gas Distribution Components (Pipe, Tubing, Fittings, Valves, and Appurtenances) (revision of ANSI/ASTM F2897-2015A)  
Public Review Date: Oct 8, 2021 | Final Action Date: Nov 23, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2898-2011 (R2020), Test Method for Permeability of Synthetic Turf Sports Field Base Stone and Surface System by Non-confined Area Flood Test Method (reaffirmation of ANSI/ASTM F2898-2011)  
Public Review Date: Sep 6, 2019 | Final Action Date: Oct 22, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2899-2011 (R2016), Specification for Condition 1 Bicycle Forks (reaffirmation of ANSI/ASTM F2899-2011)  
Public Review Date: Sep 2, 2016 | Final Action Date: Oct 18, 2016 | [Approved](#)

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- ▶ ANSI/ASTM F2904-2011 (R2020), Specification for Warnings on Paintball Marker Accessories Used In the Sport of Paintball (reaffirmation of ANSI/ASTM F2904-2011 (R2015))  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2916-2019, Practice for Environmental Impact Analysis of Commercial Food Service Equipment (new standard)  
PINS Date: Dec 16, 2011 | Public Review Date: Aug 10, 2018 | Final Action Date: Jan 15, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2917-2012 (R2018), Specification for Bicycle Trailer Cycles Designed for Human Passengers (reaffirmation of ANSI/ASTM F2917-2012)  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2918-2011 (R2015), Test Method for Weighing a Bicycle (reaffirmation of ANSI/ASTM F2918-2011)  
Public Review Date: Sep 4, 2015 | Final Action Date: Oct 20, 2015 | [Approved](#)

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- ▶ ANSI/ASTM F2929-2017 (R2021), Specification for Crosslinked Polyethylene (PEX) Tubing of 0.070 in. Wall and Fittings for Radiant Heating Systems up to 75 psig (reaffirmation of ANSI/ASTM F2929-2017)  
Public Review Date: Jul 9, 2021 | Final Action Date: Aug 24, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2934-2012 (R2018), Specification for Circular Metallic Bellows Type Expansion Joint for HVAC Piping Applications (reaffirmation of ANSI/ASTM F2934-2012)  
Public Review Date: Feb 2, 2018 | Final Action Date: Mar 20, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2935-2012 (R2018), Specification for Chocks, Panama, Mooring Cast Steel (reaffirmation of ANSI/ASTM F2935-2012)  
Public Review Date: Feb 2, 2018 | Final Action Date: Mar 20, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2936-2012 (R2018), Specification for Chocks, Ship Mooring, Cast Steel (reaffirmation of ANSI/ASTM F2936-2012)  
Public Review Date: Feb 2, 2018 | Final Action Date: Mar 20, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2940-2021, Practice for Air Soft Field Operation (revision of ANSI/ASTM F2940-2013 (R2017))  
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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F2941-2021, Practice for Air Soft Player Safety Briefing (revision of ANSI/ASTM F2941-2013 (R2017))  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 21, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2945-2018, Specification for Polyamide 11 Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM F2945-2017)  
Public Review Date: Jul 6, 2018 | Final Action Date: Sep 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2946-2012 (R2021), Specification for PVC Hub and Elastomeric Seal (Gasket) Tee Connection for Joining Plastic Pipe to Insitu Pipelines and Manholes (reaffirmation of ANSI/ASTM F2946-2012 (R2017))  
Public Review Date: Jun 4, 2021 | Final Action Date: Jul 20, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2949-2018, Specification for Pole Vault Box Collars (revision of ANSI/ASTM F2949-2012)  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2968/F2968M-2021, Specification for Crosslinked Polyethylene (PEX) Pipe for Gas Distribution Applications (revision of ANSI/ASTM F2968/F2968M-2020A)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F2969-2012 (R2020), Specification for Acrylonitrile-Butadiene-Styrene (ABS) IPS Dimensioned Pressure Pipe (reaffirmation of ANSI/ASTM F2969-2017)  
Public Review Date: Apr 6, 2018 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F2975-2012 (R2022), Test Method for Measuring the Field Performance of Commercial Kitchen Ventilation Systems (reaffirmation of ANSI/ASTM F2975-2012 (R2017))  
Public Review Date: Apr 8, 2022 | Final Action Date: May 24, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F2976-2013 (R2019), Practice for Determining the Field Performance of Commercial Kitchen Demand Control Ventilation Systems (reaffirmation of ANSI/ASTM F2976-2013)  
Public Review Date: Apr 5, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F2983-2013 (R2018), Guide for Manufacturers for Labeling and Care Instructions for Wrestling Mats (reaffirmation of ANSI/ASTM F2983-2013)  
Public Review Date: Oct 5, 2018 | Final Action Date: Nov 20, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2987-2012 (R2018), Specification for Corrugated Polyethylene Pipe and Fittings for Mine Heap Leach Aeration Applications (reaffirmation of ANSI/ASTM F2987-2017)  
Public Review Date: Jan 5, 2018 | Final Action Date: Feb 20, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2988-2018, Specification for Commercial Coffee Brewers (revision of ANSI/ASTM F2988-2012)  
Public Review Date: Sep 7, 2018 | Final Action Date: Oct 23, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F2990-2012 (R2018), Test Method for Commercial Coffee Brewers (reaffirmation of ANSI/ASTM F2990-2012)  
Public Review Date: Sep 7, 2018 | Final Action Date: Oct 23, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F3012-2022, Specification for Loose-Fill Rubber for Use as a Playground Safety Surface under and around Playground Equipment (revision of ANSI/ASTM F3012-2014)  
Public Review Date: Nov 5, 2021 | Final Action Date: Feb 1, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F3013-2013 (R2018), Test Method for Density of Topsoil and Blended Soils In-place by the Core Displacement Method (reaffirmation of ANSI/ASTM F3013-2013)  
Public Review Date: Sep 7, 2018 | Final Action Date: Oct 23, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F3021-2017, Specification for Universal Design of Fitness Equipment for Inclusive Use by Persons with Functional Limitations and Impairments (revision of ANSI/ASTM F3021-2016)  
Public Review Date: Mar 10, 2017 | Final Action Date: Apr 28, 2017 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F3022-2016, Test Method for Evaluating the Universal Design of Fitness Equipment for Inclusive Use by Persons with Functional Limitations and Impairments (revision of ANSI/ASTM F3022-2015)  
Public Review Date: Sep 2, 2016 | Final Action Date: Oct 18, 2016 | [Approved](#)

- ▶ ANSI/ASTM F3023-2018, Test Methods for Evaluating Design and Performance Characteristics of Stationary Upright and Recumbent Exercise Bicycles and Upper Body Ergometers (revision of ANSI/ASTM F3023-2013)  
Public Review Date: May 11, 2018 | Final Action Date: Jun 26, 2018 | [Approved](#)

- ▶ ANSI/ASTM F3034-2021, Specification for Billets made by Winding Molten Extruded Stress-Rated High Density Polyethylene (HDPE) (revision of ANSI/ASTM F3034-2015 (R2020))  
Public Review Date: Jan 8, 2021 | Final Action Date: Nov 15, 2021 | [Approved](#)

- ▶ ANSI/ASTM F3040-2013 (R2018), Test Method for Mechanical Static Load Testing of Non-Structural Marine Joiner Bulkheads (reaffirmation of ANSI/ASTM F3040-2013)  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

- ▶ ANSI/ASTM F3051-2014 (R2019), Test Method for Performance of Cook-and-Hold Ovens (reaffirmation of ANSI/ASTM F3051-2014)  
Public Review Date: Apr 5, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

- ▶ ANSI/ASTM F3052-2014 (R2020), Guide for Conducting Small Boat Stability Test (Deadweight Survey and Air Inclining Experiment) to Determine Lightcraft Weight and Centers of Gravity of a Small Craft (reaffirmation of ANSI/ASTM F3052-2014)  
Public Review Date: Jan 10, 2020 | Final Action Date: Feb 25, 2020 | [Approved](#)

- ▶ ANSI/ASTM F3059-2018, Specification for Fiber-Reinforced Polymer (FRP) Gratings Used in Marine Construction and Shipbuilding (revision of ANSI/ASTM F3059-2015)  
Public Review Date: Jun 1, 2018 | Final Action Date: Jul 17, 2018 | [Approved](#)

- ▶ ANSI/ASTM F3077-2021, Specification for Eye Protectors for Womens Lacrosse (revision of ANSI/ASTM F3077-2017)  
Public Review Date: Dec 6, 2019 | Final Action Date: Dec 1, 2021 | [Approved](#)

- ▶ ANSI/ASTM F3085-2014 (R2022), Specification for Air Soft Gun Barrel Blocking Devices (reaffirmation of ANSI/ASTM F3085-2014 (R2018))  
Public Review Date: Aug 5, 2022 | Final Action Date: Sep 20, 2022 | [Approved](#)

- ▶ ANSI/ASTM F3100-2015 (R2019), Practice for Low Impact Paintball Field Operation (reaffirmation of ANSI/ASTM F3100-2015)  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

- ▶ ANSI/ASTM F3101-2021a, Specification for Unsupervised Public Use Outdoor Fitness Equipment (revision of ANSI/ASTM F3101-2021)  
Public Review Date: May 7, 2021 | Final Action Date: Jul 1, 2021 | [Approved](#)

- ▶ ANSI/ASTM F3102-2015, Guide for Specifying, Measuring, and Managing Impact Attenuation of Synthetic Turf Playing Systems (new standard)  
PINS Date: Jun 3, 2011 | Public Review Date: Aug 8, 2014 | Final Action Date: Jan 1, 2015 | [Approved](#)

- ▶ ANSI/ASTM F3103-2014 (R2020), Specification for Testing Off-Road Motorcycle and ATV Helmets (reaffirmation of ANSI/ASTM F3103-2014)  
Public Review Date: Sep 6, 2019 | Final Action Date: Oct 22, 2019 | [Approved](#)

- ▶ ANSI/ASTM F3104-2021, Test Methods for Evaluating Design and Performance Characteristics of Externally Loaded Strength Training Equipment, Strength Training Benches and External Weight Storage Equipment (revision of ANSI/ASTM F3104-2014)  
Public Review Date: May 22, 2020 | Final Action Date: Mar 1, 2021 | [Approved](#)

**ASTM (ASTM International)**

- ▶ ANSI/ASTM F3105-2020, Specification for Externally Loaded Strength Training Equipment, Strength Training Benches and External Weight Storage Equipment (revision of ANSI/ASTM F3105-2014)  
Public Review Date: May 22, 2020 | Final Action Date: Dec 15, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F3123-2022, Specification for Metric Outside Diameter Polyethylene (PE) Plastic Pipe (DR-PN) (revision of ANSI/ASTM F3123-2018A)  
Public Review Date: Jan 7, 2022 | Final Action Date: Feb 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F3124-2017, Practice for Data Recording the Procedure used to Produce Heat Butt Fusion Joints in Plastic Piping Systems or Fittings (new standard)  
PINS Date: May 6, 2016 | Public Review Date: Apr 14, 2017 | Final Action Date: May 31, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F3128-2019, Specification for Poly(Vinyl Chloride) (PVC) Schedule 40 Drain, Waste, and Vent Pipe with a Cellular Core (revision of ANSI/ASTM F3128-2018)  
Public Review Date: Oct 5, 2018 | Final Action Date: Mar 21, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F3137-2015 (R2022), Specification for Headgear Used in Womens Lacrosse (excluding Goalkeepers) (reaffirmation of ANSI/ASTM F3137-2015)  
Public Review Date: Nov 4, 2022 | Final Action Date: Dec 20, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F3146-2018, Test Method for Impact Attenuation of Turf Playing Systems Designated for Rugby (new standard)  
Public Review Date: Jun 1, 2018 | Final Action Date: Aug 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F3164-2019, Specification for Eye Protectors for Racket Sports (Racquetball, Squash, Tennis) (new standard)  
Public Review Date: Jan 18, 2019 | Final Action Date: Jul 1, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F3165-2016 (R2022), Specification for Throat Protective Equipment for Hockey Goaltenders (reaffirmation of ANSI/ASTM F3165-2016)  
Public Review Date: Apr 8, 2022 | Final Action Date: May 24, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F3188-2016 (R2021), Specification for Extractable Hazardous Metals in Synthetic Turf Infill Materials (reaffirmation of ANSI/ASTM F3188-2016)  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 21, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F3189-2020, Test Method for Measuring Force Reduction, Vertical Deformation, and Energy Restitution of Synthetic Turf Systems Using the Advanced Artificial Athlete (revision of ANSI/ASTM F3189-2017)  
Public Review Date: Sep 4, 2020 | Final Action Date: Nov 1, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F3190-2021, Practice for Heat Fusion Equipment (HFE) Operator Qualification on Polyethylene (PE) and Polyamide (PA) Pipe and Fittings (revision of ANSI/ASTM F3190-2017)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F3202-2019a, Specification for Solid Wall Poly (Vinyl Chloride) PVC Fittings for Joining Corrugated Wall High Density Polyethylene (PE) and Polypropylene (PP) Piping (revision of ANSI/ASTM F3202-2019)  
Public Review Date: Jul 12, 2019 | Final Action Date: Aug 20, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F3215-2022, Specification for Food Waste Dehydrators (revision of ANSI/ASTM F3215-2016)  
Public Review Date: Nov 5, 2021 | Final Action Date: Apr 1, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F3216-2016 (R2021), Test Method for Performance of Retherm Ovens (reaffirmation of ANSI/ASTM F3216-2016)  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 21, 2021 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F3226-2019, Specification for Metallic Press-Connect Fittings for Piping and Tubing Systems (revision of ANSI/ASTM F3226-2016)  
Public Review Date: Oct 5, 2018 | Final Action Date: Aug 1, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F3248-2017, Method ForDetermining Vertical Deformation and Area Deflection of Area Elastic, Point Elastic, Combined Elastic and Mixed Elastic Sport and Dance Surfaces (new standard)  
PINS Date: Mar 18, 2016 | Public Review Date: Nov 10, 2017 | Final Action Date: Dec 26, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F3249-2020, Specification for Treestands, Climbing Sticks, and Tripod or Tower Stands (revision of ANSI/ASTM F3249-2017)  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F3253-2019, Specification for Crosslinked Polyethylene (PEX) Tubing with Oxygen Barrier for Hot- and Cold-Water Hydronic Distribution Systems (revision of ANSI/ASTM F3253-2018)  
Public Review Date: Oct 4, 2019 | Final Action Date: Nov 19, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F3255-2019, Specification forRapid pull down refrigerators (Blast Chillers), freezers (blast freezers), combination refrigerator/freezer (blast chiller/freezers), and quick chillers for commercial use (new standard)  
PINS Date: Nov 4, 2016 | Public Review Date: Feb 8, 2019 | Final Action Date: Mar 26, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F3256-2017, Guide for Reporting and Recording of Near Misses for Maritime Industry (new standard)  
PINS Date: Sep 23, 2016 | Public Review Date: Apr 7, 2017 | Final Action Date: May 23, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F3257-2017 (R2022), Guide for Design, Construction, and Operation of Vessels Providing Accommodation Service to Offshore Installations (reaffirmation of ANSI/ASTM F3257-2017)  
Public Review Date: Jun 3, 2022 | Final Action Date: Jul 19, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F3284-2018, Guide ForRecording and Reporting of Injuries and Illnesses for the Maritime Industry (new standard)  
PINS Date: Mar 3, 2017 | Public Review Date: Oct 6, 2017 | Final Action Date: Feb 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F3285-2018, Guide ForInstallation and Application of Type C Portable Tanks for Marine LNG Service (new standard)  
PINS Date: Mar 10, 2017 | Public Review Date: Mar 9, 2018 | Final Action Date: May 15, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F3286-2018, Guide For Cybersecurity and Cyberattack Mitigation (new standard)  
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- ▶ ANSI/ASTM F3288/F3288M-2020, Specification forMRS-Rated Metric- and Inch-sized Crosslinked Polyethylene (PEX) Pressure Pipe (new standard)  
Public Review Date: Jul 10, 2020 | Final Action Date: Aug 25, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F3312-2018, Practice forLiquefied Natural Gas (LNG) Bunkering Hose Transfer Assembly (new standard)  
PINS Date: Dec 22, 2017 | Public Review Date: May 11, 2018 | Final Action Date: Jun 26, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F3313-2020, Test Method for Determining Impact Attenuation of Playground Surfaces Within the Use Zone of Playground Equipment as Tested in the Field (revision of ANSI/ASTM F3313-2019)  
Public Review Date: Sep 4, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F3319-2020, Specification forSelection and Application of Field-Installed Cryogenic Pipe and Equipment Insulation Systems on Liquefied Natural Gas (LNG)-Fueled Ships (new standard)  
Public Review Date: May 8, 2020 | Final Action Date: Nov 1, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F3328-2018, Practice forthe One-Step (Solvent Cement Only) Method of Joining Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Piping Components with Tapered Sockets (new standard)  
PINS Date: Feb 2, 2018 | Public Review Date: Jul 6, 2018 | Final Action Date: Aug 21, 2018 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F3339-2020, Guide for Construction or Renovation of Native-soil Athletic Fields (new standard)  
PINS Date: Dec 2, 2016 | Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F3340-2022, Test Method for Thermal Resistance of Camping Mattresses Using a Guarded Hot Plate Apparatus (revision of ANSI/ASTM F3340-2018)  
Public Review Date: May 6, 2022 | Final Action Date: Jun 21, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F3346-2019, Specification for Polyethylene of Raised Temperature/Aluminum/Polyethylene of Raised Temperature (PE-RT/AL/PE-RT) Composite Pressure Pipe (new standard)  
PINS Date: Aug 18, 2017 | Public Review Date: Jan 18, 2019 | Final Action Date: Jun 1, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F3347-2022, Specification for Metal Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F3347-2021)  
Public Review Date: Jun 3, 2022 | Final Action Date: Jul 19, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F3348-2022, Specification for Plastic Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F3348-2021A)  
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- ▶ ANSI/ASTM F3351-2020, Test Method for Playground surface impact testing in a laboratory at a specified test height (new standard)  
Public Review Date: Sep 6, 2019 | Final Action Date: Dec 1, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F3353-2019, Guide for Design Guidance for Shipboard use of Lithium Based Batteries (new standard)  
PINS Date: Nov 24, 2017 | Public Review Date: Oct 5, 2018 | Final Action Date: Feb 15, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F3371-2022, Specification for Polyolefin Pipe and Fittings for Drainage, Waste, and Vent Applications (revision of ANSI/ASTM F3371-2019)  
Public Review Date: Mar 11, 2022 | Final Action Date: Apr 26, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F3372-2020, Practice for Butt Fusion Joining of PA12 Pipe and Fittings (new standard)  
Public Review Date: May 8, 2020 | Final Action Date: Jun 23, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F3373-2021, Specification for Polyethylene (PE) Electrofusion Fittings for Outside Diameter Controlled Crosslinked Polyethylene (PEX) Pipe (revision of ANSI/ASTM F3373-2020)  
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- ▶ ANSI/ASTM F3383-2020, Test Method for Filament Bind of Single Fibers in Synthetic Turf (revision of ANSI/ASTM F3383-2019)  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F3386-2021, Specification for Detonation Flame Arresters (revision of ANSI/ASTM F3386-2020)  
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- ▶ ANSI/ASTM F3398-2021, Specification for Face and Ear Protective Devices for Air Soft Sports (new standard)  
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- ▶ ANSI/ASTM F3400-2019, Test Method for In-Situ Testing of the Functional Properties of Equine Arena Surfaces: Artificial Surfaces (new standard)  
PINS Date: Jun 7, 2019 | Public Review Date: Sep 6, 2019 | Final Action Date: Oct 22, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F3401-2019, Test Method for Wax Binder Removal from Equestrian Synthetic Track Surfaces (new standard)  
PINS Date: Jun 7, 2019 | Public Review Date: Sep 6, 2019 | Final Action Date: Oct 22, 2019 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F3402-2020, Test Method for Determining the Water Holding Capacity of Equine Surfaces (new standard)  
PINS Date: Jun 7, 2019 | Public Review Date: Jun 12, 2020 | Final Action Date: Jul 28, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F3412-2020, Terminology for Treestands (new standard)  
PINS Date: Feb 1, 2019 | Public Review Date: Nov 8, 2019 | Final Action Date: Feb 1, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F3415-2020, Test Method for Triaxial Shear Strength and Cohesion of Equine Sports Surfaces (new standard)  
PINS Date: Aug 23, 2019 | Public Review Date: Dec 6, 2019 | Final Action Date: Jan 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F3416-2021, Guide Using Fourier Transform Infrared Spectrometry to Evaluate Synthetic Surface Components (new standard)  
PINS Date: Aug 23, 2019 | Public Review Date: Sep 4, 2020 | Final Action Date: Apr 15, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F3417-2020, Test Method for Gas Chromatography Analysis of Petroleum Waxes Used in Equestrian Synthetic Surfaces (new standard)  
PINS Date: Aug 23, 2019 | Public Review Date: Dec 6, 2019 | Final Action Date: Jan 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F3418-2020, Test Method for Measurement of Transition Temperatures of Slack Waxes used in Equine Sports Surfaces by Differential Scanning Calorimetry (DSC) (new standard)  
PINS Date: Aug 23, 2019 | Public Review Date: Dec 6, 2019 | Final Action Date: Jan 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F3419-2022, Test Method for Mineral Characterization of Equine Surface Materials by X-Ray Diffraction (XRD) Techniques. (new standard)  
Public Review Date: Aug 5, 2022 | Final Action Date: Sep 20, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F3431-2021, Specification for Determining Flammability of Materials for Recreational Camping Tents and Warning Labels for Associated Hazards (revision of ANSI/ASTM F3431-2020)  
Public Review Date: Jan 8, 2021 | Final Action Date: Feb 23, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F3449-2020, Guide for Inclusion of Cyber Risks into Maritime Safety Management Systems in Accordance with IMO Resolution MSC .428(98) - Cyber Risks and Challenges (new standard)  
PINS Date: Mar 22, 2019 | Public Review Date: May 8, 2020 | Final Action Date: Jun 23, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F3460-2021, Test Method for Seam Measurement Procedure for Baseballs and Softballs (new standard)  
PINS Date: Jan 27, 2017 | Public Review Date: Jun 12, 2020 | Final Action Date: May 15, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F3461-2020, Test Method for Permeability of Equine Surfaces (new standard)  
PINS Date: Jan 3, 2020 | Public Review Date: Jun 12, 2020 | Final Action Date: Jul 28, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F3496-2021, Specification for Polyaromatic Hydrocarbons Contained in Synthetic Turf Infill Materials (new standard)  
PINS Date: Nov 23, 2018 | Public Review Date: Nov 6, 2020 | Final Action Date: Dec 22, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F3506-2021, Specification for Polyethylene of Raised Temperature/Aluminum/Polyethylene of Raised Temperature (PERT/AL/PE-RT) Composite Pressure Pipe1 based on Inner Diameter (ID) for use in Air Conditioning and Refrigeration Line (new standard)  
PINS Date: Nov 27, 2020 | Public Review Date: Mar 12, 2021 | Final Action Date: Apr 27, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F3507-2021, Practice for Butt-Fusion Joining of Crosslinkable Polyethylene (CX-PE) Pipe and Tubing (new standard)  
PINS Date: Apr 20, 2018 | Public Review Date: Mar 12, 2021 | Final Action Date: Apr 27, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F3525-2021, Specification for Fabricated Fittings of Crosslinkable Polyethylene (CX-PE) (new standard)  
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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F3534-2022, Specification for MRS-Rated Metric- and Inch-sized Crosslinked Polyethylene (PEX) Pressure Pipe for Gas Distribution Applications (new standard)  
PINS Date: Apr 23, 2021 | Public Review Date: Jan 7, 2022 | Final Action Date: Feb 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F3536-2022, Specification for PE and PP Mechanical Fittings for use on NPS 3 or Smaller cold-water service Polyethylene (PE) or Crosslinked Polyethylene (PEX) Pipe or Tubing (new standard)  
PINS Date: Jun 23, 2017 | Public Review Date: Oct 8, 2021 | Final Action Date: Feb 1, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F3539-2022, Standard Practice for Creation of Walkway Tribometer Interlaboratory Study Reports and Test Procedures (new standard)  
PINS Date: Feb 19, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Feb 1, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F3543-2022, Terminology for Hunting Saddles (new standard)  
PINS Date: Mar 5, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Feb 1, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F3544-2021, Test Method for Hunting Saddle Static Load Capacity (new standard)  
PINS Date: Mar 5, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Dec 21, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F3545-2022, Test Method for Static Loading of Treestands, Climbing Sticks, and Tripod or Tower Stands (new standard)  
PINS Date: Aug 30, 2019 | Public Review Date: Dec 10, 2021 | Final Action Date: Jan 25, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F355-2016, Test Method for Impact Attenuation of Playing Surface Systems and Materials (revision of ANSI/ASTM F355-2010a)  
Public Review Date: May 6, 2016 | Final Action Date: Jul 1, 2016 | [Approved](#)

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- ▶ ANSI/ASTM F3555-2022, Test Method for Measuring Impact Attenuation Characteristics of Helmets Under Induced Rotational Loading Using an Inclined Anvil (new standard)  
Public Review Date: May 6, 2022 | Final Action Date: Jun 21, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F3564-2022, Guide for Determining Allowable Tensile Load for Polyamide-12 (PA12) Gas Pipe During Pull-In Installation (new standard)  
PINS Date: Jun 11, 2021 | Public Review Date: Mar 11, 2022 | Final Action Date: Apr 26, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F381-2016, Safety Specification for Components, Assembly, Use, and Labeling of Consumer Trampolines (revision of ANSI/ASTM F381-2015)  
Public Review Date: Mar 4, 2016 | Final Action Date: Jun 1, 2016 | [Approved](#)

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- ▶ ANSI/ASTM F400-2020, Consumer Safety Specification for Lighters (revision of ANSI/ASTM F400-2019)  
Public Review Date: Jul 10, 2020 | Final Action Date: Aug 25, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F402-2018, Practice for Safe Handling of Solvent Cements, Primers, and Cleaners Used for Joining Thermoplastic Pipe and Fittings (revision of ANSI/ASTM F402-2017)  
Public Review Date: Jul 6, 2018 | Final Action Date: Aug 21, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F409-2022, Standard Specification for Thermoplastic Accessible and Replaceable Plastic Tube and Tubular Fittings (revision of ANSI/ASTM F409-2017)  
PINS Date: Jun 3, 2022 | Public Review Date: Jul 22, 2022 | Final Action Date: Sep 6, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F437-2021, Specification for Threaded Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80 (revision of ANSI/ASTM F437-2017)  
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- ▶ ANSI/ASTM F438-2017, Specification for Socket-Type Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40 (revision of ANSI/ASTM F438-2017)  
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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F439-2019, Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80 (revision of ANSI/ASTM F439-2013)

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- ▶ ANSI/ASTM F441/F441M-2020, Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80 (revision of ANSI/ASTM F441/F441M-2017)

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- ▶ ANSI/ASTM F442/F442M-2020, Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe (SDRPR) (revision of ANSI/ASTM F442-2019)

Public Review Date: Jul 10, 2020 | Final Action Date: Aug 25, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F477-2014 (R2021), Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe (reaffirmation of ANSI/ASTM F477-2017)

Public Review Date: Jan 8, 2021 | Final Action Date: Jun 15, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F480-2014 (R2022), Specification for Thermoplastic Well Casing Pipe and Couplings Made in Standard Dimension Ratios (SDR), SCH 40 and SCH 80 (reaffirmation of ANSI/ASTM F480-2014)

Public Review Date: Jan 7, 2022 | Final Action Date: Feb 22, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F493-2022, Specification for Solvent Cements for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe and Fittings (revision of ANSI/ASTM F493-2020)

Public Review Date: Sep 2, 2022 | Final Action Date: Oct 18, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F512-2019, Specification for Smooth-Wall Poly(Vinyl Chloride) (PVC) Conduit and Fittings for Underground Installation (revision of ANSI/ASTM F512-2017)

Public Review Date: Oct 4, 2019 | Final Action Date: Nov 19, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F513-2022, Specification for Eye and Face Protective Equipment for Hockey Players (revision of ANSI/ASTM F513-2012 (R2018))

Public Review Date: May 6, 2022 | Final Action Date: Jun 21, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F539-2002 (R2017), Practice for Fitting Athletic Footwear (reaffirmation of ANSI/ASTM F539-2002 (R2011))

Public Review Date: Aug 4, 2017 | Final Action Date: Sep 19, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F628-2022, Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe With a Cellular Core (revision of ANSI/ASTM F628-2018)

Public Review Date: Jun 4, 2021 | Final Action Date: May 1, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F645-2018B, Guide for Selection, Design, and Installation of Thermoplastic Water- Pressure Piping Systems (revision of ANSI/ASTM F645-2018)

Public Review Date: Jul 6, 2018 | Final Action Date: Nov 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F656-2021, Specification For Primers For Use In Solvent Cement Joints Of Poly(Vinyl Chloride) (Pvc) Plastic Pipe And Fittings (revision of ANSI/ASTM F656-2017)

Public Review Date: Mar 12, 2021 | Final Action Date: Apr 27, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F659-2010 (R2018), Specification for Ski and Snowboard Goggles (reaffirmation of ANSI/ASTM F659-2010)

Public Review Date: Oct 5, 2018 | Final Action Date: Nov 20, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F670-2002 (R2022), Specification for Tanks, 5 and 10-Gal (20 and 40-L) Lube Oil Dispensing (reaffirmation of ANSI/ASTM F670-2012 (R2017))

Public Review Date: Dec 10, 2021 | Final Action Date: Jan 25, 2022 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F681-1982 (R2022), Practice for Use of Branch Connections (reaffirmation of ANSI/ASTM F681-1982 (R2018))  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 18, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F682-1982A (R2018), Specification for Wrought Carbon Steel Sleeve-Type Pipe Couplings (reaffirmation of ANSI/ASTM F682-1982A (R2014))  
Public Review Date: Apr 6, 2018 | Final Action Date: Sep 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F683-2021, Practice for Selection and Application of Thermal Insulation for Piping and Machinery (revision of ANSI/ASTM F683-2014)  
Public Review Date: Aug 6, 2021 | Final Action Date: Sep 21, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F697-2016, Standard Practice for Care and Use of Athletic Mouth Protectors (new standard)  
Public Review Date: Dec 18, 2015 | Final Action Date: Mar 15, 2016 | [Approved](#)

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- ▶ ANSI/ASTM F704-1981 (R2022), Practice for Selecting Bolting Lengths for Piping System Flanged Joints (reaffirmation of ANSI/ASTM F704-1981 (R2018))  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 18, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F707/F707M-1981 (R2019), Specification for Modular Gauge Boards (reaffirmation of ANSI/ASTM F707/F707M-1981 (R2011))  
Public Review Date: Nov 2, 2018 | Final Action Date: Aug 1, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F708-1992 (2022), Practice for Design and Installation of Rigid Pipe Hangers (reaffirmation of ANSI/ASTM F708-1992 (R2018))  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 18, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F714-2022, Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Outside Diameter (revision of ANSI/ASTM F714-2021A)  
Public Review Date: Apr 8, 2022 | Final Action Date: May 24, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F718-2022, Specification for Shipbuilders and Marine Paints and Coatings Product/Procedure Data Sheet (revision of ANSI/ASTM F718-2007 (R2017))  
Public Review Date: Jun 3, 2022 | Final Action Date: Jul 19, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F721-2018 (R2022), Specification for Gage Piping Assemblies (reaffirmation of ANSI/ASTM F721-2018)  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 18, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F722-2018 (R2022), Specification for Welded Joints for Shipboard Piping Systems (reaffirmation of ANSI/ASTM F722-2018)  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 18, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F760-1993 (R2017), Specification for Food Service Equipment Manuals (reaffirmation of ANSI/ASTM F760-1993 (R2012))  
Public Review Date: Oct 6, 2017 | Final Action Date: Nov 21, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F765-1993 (R2022), Specification for Wildcats, Ship Anchor Chain (reaffirmation of ANSI/ASTM F765-1993 (R2017))  
Public Review Date: Jun 3, 2022 | Final Action Date: Jul 19, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F782-2020, Specification for Doors, Furniture, Marine (revision of ANSI/ASTM F782-2001 (R2012))  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F783-1988 (R2018), Specification for Staple, Handgrab, Handle, and Stirrup Rung (reaffirmation of ANSI/ASTM F783-1988 (R2013))  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F803-2019, Specification for Eye Protectors for Selected Sports (revision of ANSI/ASTM F803-2014)  
Public Review Date: Sep 6, 2019 | Final Action Date: Oct 22, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F821-2001 (R2018), Specification for Domestic Use Doors and Frames, Steel, Interior, Marine (reaffirmation of ANSI/ASTM F821-2001 (R2012))  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F822-2022, Specification for Chest of Drawers (Chiffonier), Steel, Marine (revision of ANSI/ASTM F822-1993 (R2017))  
Public Review Date: Mar 11, 2022 | Final Action Date: Apr 26, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F823-2022, Specification for Desk, Log, Marine, Steel, with Cabinet (revision of ANSI/ASTM F823-1993 (R2017))  
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- ▶ ANSI/ASTM F824-2022, Specification for Tables, Mess, Marine, Steel (revision of ANSI/ASTM F824-1993 (R2017))  
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- ▶ ANSI/ASTM F825-2022, Specification for Drawers, Furniture, Marine, Steel (revision of ANSI/ASTM F825-1993 (R2017))  
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- ▶ ANSI/ASTM F826-2022, Specification for Tops, Furniture, Marine, Steel (revision of ANSI/ASTM F826-1994 (R2017))  
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- ▶ ANSI/ASTM F841-2020, Specification for Thrusters, Tunnel, Permanently Installed in Marine Vessels (revision of ANSI/ASTM F841-84 (R2011))  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F856-1997 (R2022), Practice for Mechanical Symbols, Shipboard Heating, Ventilation, and Air Conditioning (HVAC) (reaffirmation of ANSI/ASTM F856-1997 (R2018))  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 18, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F857-2017, Specification for Hot Water and Chemical Sanitizing Commercial Dishwashing Machines, Stationary Rack Type (revision of ANSI/ASTM F857-2012)  
Public Review Date: Nov 10, 2017 | Final Action Date: Dec 26, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F858-2018, Specification for Hot Water Sanitizing Commercial Dishwashing Machines, Single Tank, Conveyor Rack Type (revision of ANSI/ASTM F858-2007 (R2013))  
Public Review Date: Apr 6, 2018 | Final Action Date: May 22, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F859-2021, Specification for Heat-Sanitizing Commercial Dishwashing Machines, Multiple Tank, Conveyor Rack Type (revision of ANSI/ASTM F859-2015)  
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- ▶ ANSI/ASTM F860-2007 (R2019), Specification for Hot Water Sanitizing Commercial Dishwashing Machines, Multiple Tank, Rackless Conveyor Type (reaffirmation of ANSI/ASTM F860-2007 (R2013))  
Public Review Date: Nov 2, 2018 | Final Action Date: Dec 18, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F861-2014a (R202x), Specification for Commercial Dishwashing Racks (reaffirmation of ANSI/ASTM F861-2014a)  
Public Review Date: Sep 6, 2019 | Final Action Date: Oct 22, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F876-2022, Specification for Crosslinked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F876-2020B)  
Public Review Date: Jan 7, 2022 | Final Action Date: Feb 22, 2022 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F877-2022, Specification for Crosslinked Polyethylene (PEX) Hot- and Cold-Water Distribution Systems (revision of ANSI/ASTM F877-2020)

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- ▶ ANSI/ASTM F885-1984 (R2022), Specification for Envelope Dimensions for Bronze Globe Valves NPS 14 to 2 (reaffirmation of ANSI/ASTM F885-1984 (R2017))

Public Review Date: Jun 3, 2022 | Final Action Date: Jul 19, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F891-2016, Specification for Coextruded Poly(Vinyl Chloride) (PVC) Plastic Pipe With a Cellular Core (new standard)

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- ▶ ANSI/ASTM F894-2019, Specification for Polyethylene (PE) Large Diameter Profile Wall Sewer and Drain Pipe (revision of ANSI/ASTM F894-2017)

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- ▶ ANSI/ASTM F905-2004 (R2022), Practice for Qualification of Polyethylene Saddle-Fused Joints (reaffirmation of ANSI/ASTM F905-2004 (R2018))

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- ▶ ANSI/ASTM F906-1985 (R2020), Specification for Letters and Numerals for Ships (reaffirmation of ANSI/ASTM F906-1985 (R2014))

Public Review Date: Jan 10, 2020 | Final Action Date: Feb 25, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F910-2010 (R2015), Specification for Face Guards for Youth Baseball (reaffirmation of ANSI/ASTM F910-2004 (R2010))

Public Review Date: Mar 6, 2015 | Final Action Date: Apr 21, 2015 | [Approved](#)

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- ▶ ANSI/ASTM F913-2002 (R2021), Specification for Thermoplastic Elastomeric Seals (Gaskets) for Joining Plastic Pipe (reaffirmation of ANSI/ASTM F913-2017)

Public Review Date: Jan 8, 2021 | Final Action Date: May 1, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F917-2019, Specification for Commercial Food Waste Disposers (revision of ANSI/ASTM F917-2014)

Public Review Date: Sep 6, 2019 | Final Action Date: Oct 22, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F918-2015 (R2020), Specification for Noncarbonated Mechanically Refrigerated Beverage Dispenser (Visible Product) (reaffirmation of ANSI/ASTM F918-2015)

Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F919-2020, Specification for Slicing Machines, Food, Electric (revision of ANSI/ASTM F919-2015)

Public Review Date: May 8, 2020 | Final Action Date: Jun 23, 2020 | [Approved](#)

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- ▶ ANSI/ASTM F940-2000 (R2020), Practice for Quality Control Receipt Inspection Procedures for Protective Coatings (Paint), Used in Marine Construction and Shipbuilding (reaffirmation of ANSI/ASTM F940-2000 (R2013))

Public Review Date: Nov 8, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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- ▶ ANSI/ASTM F941-2000 (R2020), Practice for Inspection of Marine Surface Preparation and Coating Application (reaffirmation of ANSI/ASTM F941-2000 (R2013))

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- ▶ ANSI/ASTM F952-2012 (R2017), Specification for Mixing Machines, Food, Electric (reaffirmation of ANSI/ASTM F952-2012)

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- ▶ ANSI/ASTM F953-2019, Specification for Commercial Dishwashing Machines (Stationary Rack, Dump Type) Chemical Sanitizing (revision of ANSI/ASTM F953-2014)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM F956-1991 (R2018), Specification for Bell, Cast, Sound Signalling (reaffirmation of ANSI/ASTM F956-1991 (R2012))  
Public Review Date: Mar 9, 2018 | Final Action Date: Oct 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F957-1991 (R2018), Specification for Gong, Sound Signaling (reaffirmation of ANSI/ASTM F957-1991 (R2012))  
Public Review Date: Mar 9, 2018 | Final Action Date: Oct 1, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F963-2017, Consumer Safety Specification for Toy Safety (revision of ANSI/ASTM F963-2016)  
Public Review Date: Apr 7, 2017 | Final Action Date: May 23, 2017 | [Approved](#)

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- ▶ ANSI/ASTM F985-2018, Specification for Panama Canal Pilot Platform (revision of ANSI/ASTM F985-2000 (R2012))  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI/ASTM F986-1986 (2022), Specification for Suction Strainer Boxes (reaffirmation of ANSI/ASTM F986-1986 (R2018))  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 18, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F987-2004 (R2022), Specification for Portable Intermediate Flush Deck Stanchion (reaffirmation of ANSI/ASTM F987-2004 (R2017))  
Public Review Date: Dec 10, 2021 | Final Action Date: Jan 25, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F992-2017 (R2022), Specification for Valve Label Plates (reaffirmation of ANSI/ASTM F992-2017)  
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- ▶ ANSI/ASTM F993-2021, Specification for Valve Locking Devices (revision of ANSI/ASTM F993-2017)  
Public Review Date: Aug 6, 2021 | Final Action Date: Sep 21, 2021 | [Approved](#)

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- ▶ ANSI/ASTM F994-1986 (R2022), Specification for Design and Installation of Overboard Discharge Hull Penetration Connections (reaffirmation of ANSI/ASTM F994-1986 (R2018))  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 18, 2022 | [Approved](#)

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- ▶ ANSI/ASTM F998-2012 (R2022), Specification for Centrifugal Pump, Shipboard Use (reaffirmation of ANSI/ASTM F998-2012 (R2018))  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 18, 2022 | [Approved](#)

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- ▶ ANSI/ASTM/ISO 55000-2016, Asset management - Overview, Principles and Terminology (identical national adoption of ASTM/ISO 55000 and revision of ANSI/ASTM/ISO 55000-2016)  
Public Review Date: Dec 31, 2021 | Final Action Date: Feb 15, 2022 | [Approved](#)

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- ▶ ANSI/ASTM/ISO 55001-2016, Asset management — Management systems — Requirements (identical national adoption of ISO 55001:2014(E)) (identical national adoption of ISO 55001 and revision of ANSI/ASTM/ISO 55001-2016)  
Public Review Date: Dec 31, 2021 | Final Action Date: Feb 15, 2022 | [Approved](#)

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- ▶ ANSI/ASTM/ISO 55002-2016, Asset management - Management systems - Guidelines for the application of ISO 55001 (identical national adoption of ISO 55002 and revision of ANSI/ASTM/ISO 55002-2016)  
Public Review Date: Dec 31, 2021 | Final Action Date: Feb 15, 2022 | [Approved](#)

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- ▶ ANSI/ASTM/ISO/IEC 17011-2004 (R2012), Conformity Assessment - General Requirements for Accreditation bodies Accrediting Conformity Assessment Bodies (reaffirm a national adoption ANSI/ASTM/ISO/IEC 17011-2004)  
Public Review Date: Mar 23, 2012 | Final Action Date: Sep 18, 2012 | [Approved](#)

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- ▶ ANSI/ASTM/ISO/IEC 17020-1998 (R2012), General criteria for the operation of various types of bodies performing inspection (reaffirm a national adoption ANSI/ASTM/ISO/IEC 17020-1998)  
Public Review Date: Aug 3, 2012 | Final Action Date: Sep 18, 2012 | [Approved](#)

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**ASTM (ASTM International)**

- ▶ ANSI/ASTM/ISO/IEC 17024-2005 (R2012), Conformity assessment - General requirements for bodies operating certification of persons (reaffirm a national adoption ANSI/ASTM/ISO/IEC 17024-2005)  
PINS Date: Mar 16, 2012 | Public Review Date: Aug 3, 2012 | Final Action Date: Sep 18, 2012 | [Approved](#)

- ▶ ANSI/ASTM/ISO/IEC 17025-2005 (R2012), General Requirements for the Competence of Testing and Calibration Laboratories (reaffirm a national adoption ANSI/ISO/IEC 17025-2005)  
Public Review Date: Mar 23, 2012 | Final Action Date: Sep 18, 2012 | [Approved](#)

**ATCC (American Type Culture Collection)**

10801 University Boulevard, Manassas, VA 20110-2209 | w: [www.atcc.org](http://www.atcc.org)

- ▶ ANSI/ATCC ASN-0001.1-2015, Standardization of in vitro Assays to Determine Anthrax Toxin Activities (revision and redesignation of ANSI/ATCC ASN-0001-2009)  
PINS Date: Oct 24, 2014 | Public Review Date: Dec 12, 2014 | Final Action Date: May 19, 2015 | [Approved](#)

- ▶ ANSI/ATCC ASN-0002-2021, Authentication Of Human Cell Lines: Standardization Of Short Tandem Repeat (STR) Profiling (revision of ANSI/ATCC ASN-0002-2011)  
PINS Date: Jan 20, 2017 | Public Review Date: Feb 5, 2021 | Final Action Date: Apr 23, 2021 | [Approved](#)

- ▶ ANSI/ATCC ASN-0003-2015, Species-Level Identification of Animal Cells through Mitochondrial Cytochrome c Oxidase Subunit 1 (CO1) DNA Barcodes (new standard)  
PINS Date: Nov 22, 2013 | Public Review Date: Sep 18, 2015 | Final Action Date: Dec 22, 2015 | [Approved](#)

**ATIS (Alliance for Telecommunications Industry Solutions)**

1200 G Street NW, Suite 500, Washington, DC 20005 | w: [wwwatis.org](http://wwwatis.org)

- ▶ ANSI ATIS 0100024-2009 (S2019), User Network Interface (UNI) Media Plane Security Standard for Evolving VoIP/Multimedia Networks (stabilized maintenance of ANSI ATIS 0100024-2009 (R2014))  
Public Review Date: Jun 21, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

- ▶ ANSI ATIS 0100036-2013 (R2018), Media Plane Performance Security Impairments for Evolving VoIP/Multimedia Networks (reaffirmation of ANSI ATIS 0100036-2013)  
Public Review Date: Nov 24, 2017 | Final Action Date: Jan 24, 2018 | [Approved](#)

- ▶ ANSI ATIS 0100514-2009 (S2019), Network Performance Parameters and Objectives for Dedicated Digital Services – SONET Bit Rates (stabilized maintenance of ANSI ATIS 0100514-2009 (R2014))  
Public Review Date: Jun 21, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

- ▶ ANSI ATIS 0100522-2000 (S2019), Quality of Service for Business Multimedia Conferencing (stabilized maintenance of ANSI ATIS 0100522-2000 (R2014))  
Public Review Date: Jun 21, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

- ▶ ANSI ATIS 0300204-2008 (S2018), Operations, Administration, Maintenance, and Provisioning (OAM&P) Lower-Layer Protocols for Telecommunications Management Network (TMN) Interfaces, Q and X Interfaces (stabilized maintenance of ANSI ATIS 0300204-2008 (R2013))  
Public Review Date: Mar 9, 2018 | Final Action Date: May 7, 2018 | [Approved](#)

- ▶ ANSI ATIS 0300208-2013 (R2018), Operations, Administration, Maintenance, and Provisioning (OAM&P) Upper-Layer Protocols for Telecommunications Management Network (TMN) Interfaces, Q and X Interfaces (reaffirmation of ANSI ATIS 0300208-2013)  
Public Review Date: Mar 9, 2018 | Final Action Date: May 7, 2018 | [Approved](#)

- ▶ ANSI ATIS 0300216-2013 (R2018), Integrated Services Digital Network (ISDN) Management – Basic Rate Physical Layer (reaffirmation of ANSI ATIS 0300216-2013)  
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**ATIS (Alliance for Telecommunications Industry Solutions)**

- ▶ ANSI ATIS 0300217-2013 (R2018), Integrated Service Digital Network (ISDN) Management – Primary Rate Physical Layer (reaffirmation of ANSI ATIS 0300217-2013)

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- ▶ ANSI ATIS 0300219-2013 (R2019), Integrated Services Digital Network (ISDN) Management – Overview and Principles (reaffirmation of ANSI ATIS 0300219-2013)

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- ▶ ANSI ATIS 0300240-2014 (R2020), Operations, Administration, Maintenance, and Provisioning (OAM&P) – Generic Network Information Model for Interfaces between Operations Systems and Network Elements (reaffirmation of ANSI ATIS 0300240-2014)

Public Review Date: Nov 22, 2019 | Final Action Date: Jan 13, 2020 | [Approved](#)

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- ▶ ANSI ATIS 0300255-2008 (S2018), In-Service, Non-Intrusive Measurement Device (INMD) Methodology for Applying INMD Measurements to Customer Opinion Models (stabilized maintenance of ANSI ATIS 0300255-2008 (R2013))

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- ▶ ANSI ATIS 0300260-1998 (S2018), Operations, Administration, Maintenance, and Provisioning (OAM&P) - Extension to Generic Network Information Model for Interfaces between a Service Provider Administrative System and Network Elements for Lawfully Authorized Electronic Surveillance (stabilized maintenance of ANSI ATIS 0300260-1998 (R2013))

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- ▶ ANSI ATIS 0600308-2008 (S2018), Central Office Equipment - Electrostatic Discharge Immunity Requirements (stabilized maintenance of ANSI ATIS 0600308-2008 (R2013))

PINS Date: Oct 13, 2017 | Public Review Date: Apr 6, 2018 | Final Action Date: May 31, 2018 | [Approved](#)

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- ▶ ANSI ATIS 0600329-2014 (R2019), Network Equipment - Earthquake Resistance (reaffirmation of ANSI ATIS 0600329-2014)

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- ▶ ANSI ATIS 0600413-2009 (R2019), Network to Customer Installation Interfaces – Asymmetric Digital Subscriber Line (ADSL) Metallic Interface (reaffirmation of ANSI ATIS 0600413-2009 (R2014))

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- ▶ ANSI ATIS 0700004.a-2008 (S2017), Supplement to ATIS High Capacity-Spatial Division Multiple Access (HC-SDMA) Radio Interface Standard (stabilized maintenance of ANSI ATIS 0700004.a-2008 (R2013))

Public Review Date: Sep 15, 2017 | Final Action Date: Nov 7, 2017 | [Approved](#)

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- ▶ ANSI ATIS 0700706-1997 (S2017), Stage 1 Service Description for Personal Communications Service - Enhanced Priority Access and Channel Assignment (PACA-E) Supplementary Service (stabilized maintenance of ANSI ATIS 0700706-1997 (R2013))

Public Review Date: Sep 15, 2017 | Final Action Date: Nov 7, 2017 | [Approved](#)

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- ▶ ANSI ATIS 0700708-1998 (S2017), PCS 1900 Service Provider Number Portability (stabilized maintenance of ANSI ATIS 0700708-1998 (R2013))

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- ▶ ANSI ATIS 0700724-2014 (R2019), UMTS Handover Interface for Lawful Interception (reaffirmation of ANSI ATIS 0700724-2014)

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- ▶ ANSI ATIS 0900002-2009 (S2019), Synchronization Standard - Physical Interconnection for Intra-Office Ethernet-Based Timing Distribution (stabilized maintenance of ANSI ATIS 0900002-2009 (R2014))

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**ATIS (Alliance for Telecommunications Industry Solutions)**

- ▶ ANSI ATIS 0900101-2013 (R2018), Synchronization Interface Standard (reaffirmation of ANSI ATIS 0900101-2013)  
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- ▶ ANSI ATIS 0900105.03-2013 (R2018), Synchronous Optical Network (SONET) - Jitter at Network Interfaces (reaffirmation of ANSI ATIS 0900105.03-2013)  
Public Review Date: Oct 13, 2017 | Final Action Date: Jan 24, 2018 | [Approved](#)

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- ▶ ANSI ATIS 0900105.09-2013 (R2018), Synchronous Optical Network (SONET) - Network Timing and Synchronization (reaffirmation of ANSI ATIS 0900105.09-2013)  
Public Review Date: Oct 13, 2017 | Final Action Date: Jan 24, 2018 | [Approved](#)

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- ▶ ANSI ATIS 1000017-2008 (S2018), Interworking between the ISDN User - Network Interface Protocol and the Session Initiation Protocol (SIP) with ANSI Extensions to the Narrowband Signaling Syntax (NSS) (stabilized maintenance of ANSI ATIS 1000017-2008 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI ATIS 1000025-2013 (R2018), User to Network Interface (UNI) Standard for Signaling and Control Security Requirements for Evolving VoP/Multimedia Networks (reaffirmation of ANSI ATIS 1000025-2013)  
Public Review Date: Nov 24, 2017 | Final Action Date: Jan 24, 2018 | [Approved](#)

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- ▶ ANSI ATIS 1000026-2008 (S2018), Session Border Controller Functions and Requirements (stabilized maintenance of ANSI ATIS 1000026-2008 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI ATIS 1000028-2008 (S2018), IP Device (SIP UA) to Network Interface Standard (stabilized maintenance of ANSI ATIS 1000028-2008 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI ATIS 1000029-2008 (S2018), Security Requirements for NGN (stabilized maintenance of ANSI ATIS 1000029-2008 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI ATIS 1000030-2008 (S2018), Authentication and Authorization Requirements for Next Generation Network (NGN) (stabilized maintenance of ANSI ATIS 1000030-2008 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI ATIS 1000035-2009 (S2019), NGN Identity Management Framework Generation Network (NGN) Priority Services (stabilized maintenance of ANSI ATIS 1000035-2009 (R2014))  
Public Review Date: Jun 21, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI ATIS 1000104-1991 (S2018), Exchange-Interchange Carrier Interfaces - Individual Channel Signaling Protocols (stabilized maintenance of ANSI ATIS 1000104-1991 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI ATIS 1000109-2014 (R2019), Exchange-Interexchange Carrier Interfaces - 950+ XXXX EC-to-IC Access Signaling Protocols (reaffirmation of ANSI ATIS 1000109-2014)  
Public Review Date: Jun 21, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI ATIS 1000114-2004 (S2019), Signaling System Number 7 (SS7) – Transaction Capabilities Application Part (TCAP) (stabilized maintenance of ANSI ATIS 1000114-2004 (R2014))  
Public Review Date: Jun 21, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI ATIS 1000603-2014 (R2019), ISDN - Minimal Set of Bearer Services for the Primary Rate Interface (reaffirmation of ANSI ATIS 1000603-2014)  
Public Review Date: Jun 21, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI ATIS 1000604-2014 (R2019), ISDN - Minimal Set of Bearer Services for the Basic Rate Interface (reaffirmation of ANSI ATIS 1000604-2014)

Public Review Date: Jun 21, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI ATIS 1000607-2014, Integrated Services Digital Network (ISDN) - Layer 3 Signaling Specification for Circuit Switched Bearer Service for Digital Subscriber Signaling System Number 1 (DSS1) (revision of ANSI/ATIS 1000607-2000 (R2009))

PINS Date: Jan 24, 2014 | Public Review Date: Apr 11, 2014 | Final Action Date: Jun 2, 2014 | [Approved](#)

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- ▶ ANSI ATIS 1000609-2014 (R2019), Interworking between the ISDN User-Network Interface Protocol and Signalling System Number 7 ISDN User Part (reaffirmation of ANSI ATIS 1000609-2014)

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- ▶ ANSI ATIS 1000610-1998 (S2018), Generic Procedures for the Control of ISDN Supplementary Services (stabilized maintenance of ANSI ATIS 1000610-1998 (R2013))

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- ▶ ANSI ATIS 1000610.a-1998 (S2018), Generic Procedures for the Control of ISDN Supplementary Services, Modification to the Redirection Number Information Element (stabilized maintenance of ANSI ATIS 1000610.a-1998 (R2013))

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- ▶ ANSI ATIS 1000611-1991 (S2018), Signaling System Number 7 (SS7) - Supplementary Services for Non-ISDN Subscribers (stabilized maintenance of ANSI ATIS 1000611-1991 (R2013))

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- ▶ ANSI ATIS 1000612-1992 (S2018), Integrated Services Digital Network (ISDN) - Terminal Adaptation Using Statistical Multiplexing (stabilized maintenance of ANSI ATIS 1000612-1992 (R2013))

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- ▶ ANSI ATIS 1000615-2014 (R2019), Digital Subscriber Signaling System No. 1 (DSS1) - Layer 3 Overview (reaffirmation of ANSI ATIS 1000615-2014)

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- ▶ ANSI ATIS 1000618-1991 (S2018), Integrated Services Digital Network (ISDN) - Core Aspects of Frame Protocol for Use with Frame Relay Bearer Service (stabilized maintenance of ANSI ATIS 1000618-1991 (R2013))

Public Review Date: Nov 24, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI ATIS 1000621-2014 (R2019), ISDN - User to User Signaling Supplementary Service (reaffirmation of ANSI ATIS 1000621-2014)

Public Review Date: Jun 21, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI ATIS 1000622-1999 (S2018), Message Waiting Indicator Control and Notification Supplementary Services and Associated Switching and Signaling Specifications (stabilized maintenance of ANSI ATIS 1000622-1999 (R2013))

Public Review Date: Nov 24, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI ATIS 1000622.a-1998 (S2018), Supplement to ATIS-1000622: Message Waiting Indicator Control and Notification Supplementary Services and Associated Switching and Signaling Specifications (stabilized maintenance of ANSI ATIS 1000622.a-1998 (R2013))

Public Review Date: Nov 24, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI ATIS 1000623-2014 (R2019), Digital Subscriber Signaling System No. 1 (DSS1) - Signaling Specification for the User Signaling Bearer Service (reaffirmation of ANSI ATIS 1000623-2014)

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- ▶ ANSI ATIS 1000625-1993 (S2018), Integrated Services Digital Network (ISDN) - Calling Line Identification Presentation and Restriction Supplementary Services (stabilized maintenance of ANSI ATIS 1000625-1993 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI ATIS 1000625.a-1998 (S2018), Integrated Services Digital Network (ISDN) - Calling Line Identification Presentation and Restriction Supplementary Services (stabilized maintenance of ANSI ATIS 1000625.a-1998 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI ATIS 1000627-2014 (R2019), Broadband ISDN - ATM Layer Functionality and Specification (reaffirmation of ANSI ATIS 1000627-2014)  
Public Review Date: Jun 21, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI ATIS 1000632-1993 (R2019), ISDN Supplementary Service Normal Call Transfer (reaffirmation of ANSI ATIS 1000632-1993 (R2014))  
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- ▶ ANSI ATIS 1000641-2014 (R2019), Calling Name Identification (reaffirmation of ANSI ATIS 1000641-2014)  
Public Review Date: Jun 21, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI ATIS 1000642-2014 (R2019), ISDN - Call Deflection Supplementary Service (reaffirmation of ANSI ATIS 1000642-2014)  
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- ▶ ANSI ATIS 1000643-1998 (S2018), Integrated Services Digital Network (ISDN) - Explicit Call Transfer Supplementary Service (stabilized maintenance of ANSI ATIS 1000643-1998 (R2013))  
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- ▶ ANSI ATIS 1000645-1995 (S2018), B-ISDN Signaling ATM Adaptation Layer - Service Specific Coordination Function for Support of Signaling at the Network Node Interface (SSCF at the NNI) (stabilized maintenance of ANSI ATIS 1000645-1995 (R2013))  
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- ▶ ANSI ATIS 1000654-1996 (S2018), Broadband Integrated Services Digital Network (B-ISDN) - Operations and Maintenance Principles and Functions (stabilized maintenance of ANSI ATIS 1000654-1996 (R2013))  
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- ▶ ANSI ATIS 1000660-1998 (S2018), Signaling System Number 7 - Call Completion to a Portable Number - Integrated Text (stabilized maintenance of ANSI ATIS 1000660-1998 (R2013))  
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- ▶ ANSI ATIS 1000665-1997 (S2018), Broadband ISDN - Overview of ANSI B-ISDN NNI Signaling Capability Set 2, Step 1 (stabilized maintenance of ANSI ATIS 1000665-1997 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 6, 2018 | [Approved](#)

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- ▶ ANSI ATIS 1000678.a.v2-2007 (S2018), Supplement A to ANSI ATIS 1000678.v2-2006 (R2013), Lawfully Authorized Electronic Surveillance (LAES) for Voice over Packet Technologies in Wireline Telecommunications Networks (stabilized maintenance of ANSI ATIS 1000678.a.v2-2007 (R2013))  
Public Review Date: Apr 13, 2018 | Final Action Date: Jun 27, 2018 | [Approved](#)

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- ▶ ANSI ATIS 1000678.b.v2-2010 (R2018), Supplement B to ATIS-1000678.v2.2006 (R2013), Lawfully Authorized Electronic Surveillance (LAES) for Voice over Packet Technologies in Wireline Telecommunications Networks (reaffirmation of ANSI ATIS 1000678.b.v2-2010 (R2013))  
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- ▶ ANSI ATIS 1000678.v2-2006 (S2018), Lawfully Authorized Electronic Surveillance (LAES) for Voice over Packet Technologies in Wireline Telecommunications Networks, Version 2 (stabilized maintenance of ANSI ATIS 1000678.v2-2006 (R2013))  
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- ▶ ANSI/ATIS 0100001-2004 (S2018), User Plane Security Guidelines and Requirements for ETS (stabilized maintenance of ANSI/ATIS 0100001-2004 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 6, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0100005-2006 (S2016), Auditory Non-Intrusive Quality Estimation Plus (ANIQUE+) Perceptual Model for Non-Intrusive Estimation of Narrowband Speech Quality (stabilized maintenance of ANSI/ATIS 0100005-2006 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 0100008-2007 (S2017), Defects Per Million (DPM) Metric for Transaction Services such as VoIP (stabilized maintenance of ANSI ATIS 0100008-2007 (R2012))  
Public Review Date: Jan 20, 2017 | Final Action Date: Mar 10, 2017 | [Approved](#)

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- ▶ ANSI/ATIS 0100012-2019, Standard Outage Classification (revision of ANSI ATIS 0100012-2013)  
PINS Date: Sep 8, 2017 | Public Review Date: Feb 1, 2019 | Final Action Date: Jul 15, 2019 | [Approved](#)

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- ▶ ANSI/ATIS 0100017-2008 (S2018), Reduced Reference Video Calibration Estimation Method (stabilized maintenance of ANSI/ATIS 0100017-2008 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 6, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0100020-2008 (S2018), Quantifying the Impact on IP Service Availability from Network Element Outages (stabilized maintenance of ANSI/ATIS 0100020-2008 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 6, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0100022-2008 (S2018), Priority Classification Levels for Next Generation Networks (stabilized maintenance of ANSI/ATIS 0100022-2008 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 6, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0100027-2010 (S2020), Availability - A Guide to Consistent Definitions (stabilized maintenance of ANSI/ATIS 0100027-2010 (R2015))  
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- ▶ ANSI/ATIS 0100030-2012 (R2017), Mean Time between Outages - A Generalized Metric for Assessing Production Failure Rates in Telecommunications Network Elements (reaffirmation of ANSI ATIS 0100030-2012)  
Public Review Date: Jan 20, 2017 | Final Action Date: Mar 9, 2017 | [Approved](#)

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- ▶ ANSI/ATIS 0100037-2013 (R2018), Impact Weighted MTBF - A Metric for Assessing Reliability of Hierarchical Systems (reaffirmation of ANSI/ATIS 0100037-2013)  
Public Review Date: Nov 24, 2017 | Final Action Date: Jan 24, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0100302-1989 (S2016), Digital Processing of Voice-Band Signals-Line Format for 32kbit/s Adaptive Differential Pulse-Code Modulation (ADPCM) (stabilized maintenance of ANSI/ATIS 0100302-1989 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 0100302.a-1992 (S2016), Supplement to ATIS-0100302.1989(R2006) - Digital Processing of Voice-Band Signals-Line Format for 32kbit/s Adaptive Differential Pulse-Code Modulation (ADPCM) (Channel-Control Templates and Robbed-bit Signaling Alarm Transmission (stabilized maintenance of ANSI/ATIS 0100302.a-1992 (R2011)))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 0100312-1991 (S2016), Voice Packetization-Packetized Voice Protocol (stabilized maintenance of ANSI/ATIS 0100312-1991 (R2011))  
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- ▶ ANSI/ATIS 0100501-1994 (S2018), Network Performance - Tandem Encoding Limits for 32 - kbit/s Adaptive Differential Pulse-Code Modulation (ADPCM) (stabilized maintenance of ANSI/ATIS 0100501-1994 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 6, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0100502-2005 (S2020), System N-NTSC Television Signals - Network Interfaces Specifications and Performance Parameters (stabilized maintenance of ANSI/ATIS 0100502-2005 (R2015))  
Public Review Date: Jan 24, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 0100503-2002 (S2016), Network Performance Parameters for Dedicated Digital Services - Definitions and Measurements (stabilized maintenance of ANSI/ATIS 0100503-2002 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 0100504-1998 (S2016), Packet-Switched Data Communication Service - Performance Parameters, Measurements Methods, and Objectives (stabilized maintenance of ANSI/ATIS 0100504-1998 (R2011))  
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- ▶ ANSI/ATIS 0100506-1997 (S2016), Network Performance - Switched Exchange Access Network Transmission Specifications (stabilized maintenance of ANSI/ATIS 0100506-1997 (R2011))  
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- ▶ ANSI/ATIS 0100507-2002 (S2016), Network Performance Parameters for Circuit-Switched Digital Services - Definitions and Measurements (stabilized maintenance of ANSI/ATIS 0100507-2002 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 0100508-2003 (S2018), Loss Plan for Digital Networks (stabilized maintenance of ANSI/ATIS 0100508-2003 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 6, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0100509-1995 (S2018), Packetized Circuit Multiplication Equipment - Interface Specification (stabilized maintenance of ANSI/ATIS 0100509-1995 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 6, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0100510-1999 (S2018), Network Performance Parameters for Dedicated Digital Services for Rates Up to and Including DS3 - Specifications (stabilized maintenance of ANSI/ATIS 0100510-1999 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 6, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0100511-2003 (S2018), B-ISDN ATM Layer Cell Transfer Performance (stabilized maintenance of ANSI/ATIS 0100511-2003 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 6, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0100512-1994 (S2018), Network Performance - Point-to-Point Voice-Grade Special Access Network Voiceband Data Transmission Objectives (stabilized maintenance of ANSI/ATIS 0100512-1994 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 6, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0100513-2003 (S2018), Frame Relay Data Communication Service - Access, User Information Transfer, Disengagement, and Availability Performance Parameters (stabilized maintenance of ANSI/ATIS 0100513-2003 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 6, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0100517-1995 (S2016), Performance Parameters and Objectives for Integrated Services Digital Network (stabilized maintenance of ANSI/ATIS 0100517-1995 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 0100518-1998 (S2018), Objective Measurement of Telephone Band Speech Quality Using Measuring Normalizing Blocks (MNBs) (stabilized maintenance of ANSI/ATIS 0100518-1998 (R2013))  
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- ▶ ANSI/ATIS 0100519-1999 (S2018), Specifications for Transport of Generic Packets (including MPEG-2 Transport Packets) Over the DS Hierarchy (stabilized maintenance of ANSI/ATIS 0100519-1999 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 6, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0100521-2005 (S2020), Packet Loss Concealment for Use with ITU-T Recommendation G.711 (stabilized maintenance of ANSI/ATIS 0100521-2005 (R2015))  
Public Review Date: Jan 24, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 0100523-2019, ATIS Telecom Glossary (revision of ANSI/ATIS 0100523-2011)  
PINS Date: Apr 14, 2017 | Public Review Date: Apr 19, 2019 | Final Action Date: Jul 19, 2019 | [Approved](#)

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- ▶ ANSI/ATIS 0100524-2004 (S2018), Reliability-related Metrics and Terminology for Network Elements in Evolving Communications Networks (stabilized maintenance of ANSI/ATIS 0100524-2004 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 6, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0100801.01-1995 (S2016), Digital Transport of Video Teleconferencing/Video Telephony Signals - Video Test Scenes for Subjective and Objective Performance Assessment (stabilized maintenance of ANSI/ATIS 0100801.01-1995 (R2011))  
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- ▶ ANSI/ATIS 0100801.02-1996 (S2016), Digital Transport of Video Teleconferencing/Video Telephony Signals - Performance Terms, Definitions and Examples (stabilized maintenance of ANSI/ATIS 0100801.02-1996 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 0100801.03-2003 (S2018), Digital Transport of One-Way Video Signals - Parameters for Objective Performance Assessment (stabilized maintenance of ANSI/ATIS 0100801.03-2003 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 6, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0100801.04-2005 (S2020), Multimedia Communications Delay, Synchronization and Frame Rate (stabilized maintenance of ANSI/ATIS 0100801.04-2005 (R2015))  
Public Review Date: Jan 24, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 0100802.01-1996 (S2016), North American Adaptation for Domestic-International Interfaces of ETSI 300 174 Digital Component Television Signals - Interface and Coding Specifications at DS-3 (stabilized maintenance of ANSI/ATIS 0100802.01-1996 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 0100803-1998 (S2018), Overview and Reference for GSTN Multimedia Terminals (stabilized maintenance of ANSI/ATIS 0100803-1998 (R2013))  
Public Review Date: Nov 24, 2017 | Final Action Date: Feb 6, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0300002-2018, XML Schema Interface for POTS Service Test (revision of ANSI ATIS 0300002-2013)  
PINS Date: Mar 9, 2018 | Public Review Date: Apr 20, 2018 | Final Action Date: Jun 13, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0300003-2017 (R2022), XML Schema Interface for Fault Management (Trouble Administration) (reaffirmation of ANSI/ATIS 0300003-2017)  
Public Review Date: Mar 18, 2022 | Final Action Date: May 9, 2022 | [Approved](#)

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- ▶ ANSI/ATIS 0300007-2007 (S2017), Identification of Physical Network Resources (stabilized maintenance of ANSI/ATIS 0300007-2007 (R2012))  
Public Review Date: Feb 3, 2017 | Final Action Date: Mar 27, 2017 | [Approved](#)

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- ▶ ANSI/ATIS 0300074-2015 (R2020), Guidelines and Requirements for Security Management Systems (reaffirmation of ANSI/ATIS 0300074-2015)  
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**ATIS (Alliance for Telecommunications Industry Solutions)**

- ▶ ANSI/ATIS 0300075-2018, Usage Data Management Architecture and Protocols Requirements for Packet-Based Application Services (revision of ANSI/ATIS 0300075-2012)  
PINS Date: Mar 17, 2017 | Public Review Date: Feb 2, 2018 | Final Action Date: Mar 29, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0300091-2018, Structure for Global Serialization of Information and Communications Technology (ICT) Network Infrastructure Equipment (revision of ANSI ATIS 0300091-2012)  
PINS Date: Oct 28, 2016 | Public Review Date: Feb 2, 2018 | Final Action Date: Mar 29, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0300094-2019, Trouble Type Codes in Support of ATIS Trouble Administration Standards (revision of ANSI/ATIS 0300094-2015)  
PINS Date: Dec 28, 2018 | Public Review Date: Mar 22, 2019 | Final Action Date: Jul 31, 2019 | [Approved](#)

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- ▶ ANSI/ATIS 0300097-2022, Structure for the Identification of Communications Connections for Information Exchange (revision of ANSI/ATIS 0300097-2017)  
PINS Date: Mar 11, 2022 | Public Review Date: Jun 3, 2022 | Final Action Date: Jul 21, 2022 | [Approved](#)

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- ▶ ANSI/ATIS 0300202-2015 (R2020), Internetwork Operations - Guidelines for Network Management of Public Telecommunications Networks under Disaster Conditions (reaffirmation of ANSI/ATIS 0300202-2015)  
Public Review Date: Apr 17, 2020 | Final Action Date: Jul 10, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 0300206-2001 (S2016), Digital Exchanges and PBXs - Digital Circuit Loopback Test Line with N [infinity] DS0 Capability (stabilized maintenance of ANSI/ATIS 0300206-2001 (R2011))  
Public Review Date: Jul 22, 2016 | Final Action Date: Sep 16, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 0300207-2000 (S2015), Operations, Administration, Maintenance, and Provisioning (OAM&P) - Terminating Test Line Access and Capabilities (stabilized maintenance of ANSI/ATIS 0300207-2000 (R2010))  
Public Review Date: Oct 23, 2015 | Final Action Date: Dec 11, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0300209-2018, Operations, Administration, Maintenance, and Provisioning (OAM&P) Network Tones and Announcements (revision of ANSI ATIS 0300209-2013)  
PINS Date: Mar 9, 2018 | Public Review Date: Apr 20, 2018 | Final Action Date: Jun 13, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0300210-2015 (R2020), OAM&P Principles of Functions, Architectures, and Protocol for Telecommunications Management Network Interfaces and enhanced Telecom Operations Map (eTOM) (reaffirmation of ANSI/ATIS 0300210-2015)  
Public Review Date: Apr 17, 2020 | Final Action Date: Jul 10, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 0300211-2018, Information Interchange -- Structure and Coded Representation of National Security and Emergency Preparedness (NS/EP) Telecommunications Service Priority (TSP) Codes for the North American Telecommunications System (revision of ANSI/ATIS 0300211-2012)  
PINS Date: Oct 28, 2016 | Public Review Date: Apr 6, 2018 | Final Action Date: Jun 12, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0300212-2015 (R2020), Enhanced Telecommunications Charge Card Physical Characteristics and Numbering Structure (reaffirmation of ANSI/ATIS 0300212-2015)  
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- ▶ ANSI/ATIS 0300213-2020, Structure for the Identification of Equipment Entities for Information Exchange (revision of ANSI ATIS 0300213-2014)  
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- ▶ ANSI/ATIS 0300218-2019, ISDN Management - Data-Link and Network Layers (revision of ANSI ATIS 0300218-2013)  
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- ▶ ANSI/ATIS 0300220-2018, Structure for the Representation of the Communications Industry Manufacturers, Suppliers, and Related Service Companies for Information Exchange (revision of ANSI/ATIS 0300220-2016)  
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- ▶ ANSI/ATIS 0300221-1995 (S2015), Operations, Administration, Maintenance, and Provisioning (OAM&P) - In-Service, Nonintrusive Measurement Device (INMD) - Voice Service Measurements (stabilized maintenance of ANSI/ATIS 0300221-1995 (R2010))  
Public Review Date: Oct 23, 2015 | Final Action Date: Dec 11, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0300223-2020, Structure for the Identification of Network Channel (NC) and Network Channel Interface (NCI) Codes for Information Exchange (revision of ANSI/ATIS 0300223-2014)  
PINS Date: Mar 29, 2019 | Public Review Date: Nov 22, 2019 | Final Action Date: Jan 13, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 0300226-2001 (S2016), Operations, Administration, Maintenance, and Provisioning (OAM&P) - Management of Functions for Signalling System No. 7 (SS7) Network Interconnections (stabilized maintenance of ANSI/ATIS 0300226-2001 (R2011))  
Public Review Date: Jul 22, 2016 | Final Action Date: Sep 16, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 0300230-2015 (R2020), Telecommunications Charge Card and Billed Number Screening Validation Message Components (reaffirmation of ANSI/ATIS 0300230-2015)  
Public Review Date: Apr 17, 2020 | Final Action Date: Jul 10, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 0300231-2019, Digital Hierarchy - Layer 1 in-Service Digital Transmission Performance Monitoring (revision of ANSI ATIS 0300231-2013)  
PINS Date: Dec 28, 2018 | Public Review Date: Mar 22, 2019 | Final Action Date: Jul 31, 2019 | [Approved](#)

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- ▶ ANSI/ATIS 0300231.01-2019, Digital Subscriber Line (DSL) – Layer 1 In-Service Digital Transmission Performance Monitoring (revision of ANSI ATIS 0300231.01-2013)  
PINS Date: Dec 28, 2018 | Public Review Date: Mar 22, 2019 | Final Action Date: Jul 31, 2019 | [Approved](#)

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- ▶ ANSI/ATIS 0300231.02-2019, DS1 – Layer 1 In-Service Digital Transmission Performance Monitoring (revision of ANSI ATIS 0300231.02-2013)  
PINS Date: Dec 28, 2018 | Public Review Date: Mar 22, 2019 | Final Action Date: Jul 31, 2019 | [Approved](#)

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- ▶ ANSI/ATIS 0300231.03-2019, DS3 - Layer 1 In-Service Digital Transmission Performance Monitoring (revision of ANSI ATIS 0300231.03-2013)  
PINS Date: Dec 28, 2018 | Public Review Date: Mar 22, 2019 | Final Action Date: Jul 31, 2019 | [Approved](#)

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- ▶ ANSI/ATIS 0300231.04-2019, SONET-- Layer 1 In-Service Digital Transmission Performance Monitoring (revision of ANSI ATIS 0300231.04-2013)  
PINS Date: Dec 28, 2018 | Public Review Date: Mar 22, 2019 | Final Action Date: Jul 31, 2019 | [Approved](#)

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- ▶ ANSI/ATIS 0300232-2012 (S2022), Human-to-Machine Interface Specification for Telecommunications Management (stabilized maintenance of ANSI/ATIS 0300232-2012 (R2017))  
Public Review Date: Oct 21, 2022 | Final Action Date: Dec 6, 2022 | [Approved](#)

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- ▶ ANSI/ATIS 0300234-2000 (S2015), Signalling System Number 7 (SS7) - MTP Levels 2 and 3 Compatibility Testing (stabilized maintenance of ANSI/ATIS 0300234-2000 (R2010))  
Public Review Date: Oct 23, 2015 | Final Action Date: Dec 11, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0300235-2000 (S2015), Signalling System 7 (SS7) - SCCP Class 0 Compatibility Testing (stabilized maintenance of ANSI/ATIS 0300235-2000 (R2010))  
Public Review Date: Oct 23, 2015 | Final Action Date: Dec 11, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0300236-2005 (S2016), Signaling System 7 (SS7) - ISDN User Part Compatibility Testing (stabilized maintenance of ANSI/ATIS 0300236-2005 (R2011))  
Public Review Date: Jul 22, 2016 | Final Action Date: Sep 16, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 0300239-1994 (S2015), Integrated Services Digital Network (ISDN) Management - User-Network Interface Protocol Profile (stabilized maintenance of ANSI/ATIS 0300239-1994 (R2010))  
Public Review Date: Oct 23, 2015 | Final Action Date: Dec 11, 2015 | [Approved](#)

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**ATIS (Alliance for Telecommunications Industry Solutions)**

- ▶ ANSI/ATIS 0300241-1994 (S2015), Integrated Services Digital Network (ISDN) Management - Service Profile Verification and Service Profile Management - ISDN Interface Management Services (stabilized maintenance of ANSI/ATIS 0300241-1994 (R2010))  
Public Review Date: Oct 23, 2015 | Final Action Date: Dec 15, 2015 | [Approved](#)
- ▶ ANSI/ATIS 0300245-2019, Directory Services for Telecommunications Management Network (TMN) and Synchronous Optical Network (SONET) (revision of ANSI ATIS 0300245-2013)  
PINS Date: Dec 28, 2018 | Public Review Date: Mar 22, 2019 | Final Action Date: Jul 31, 2019 | [Approved](#)
- ▶ ANSI/ATIS 0300247-2018, Operations, Administration, Maintenance, and Provisioning (OAM&P) – Performance Management Functional Area Services and Information Model for Interfaces between Operations Systems and Networks (revision of ANSI ATIS 0300247-2013)  
PINS Date: Apr 27, 2018 | Public Review Date: Jun 8, 2018 | Final Action Date: Aug 22, 2018 | [Approved](#)
- ▶ ANSI/ATIS 0300251-2020, Structure for the Representation of Service Providers for Information Exchange (revision of ANSI/ATIS 0300251-2017)  
PINS Date: Mar 1, 2019 | Public Review Date: Nov 22, 2019 | Final Action Date: Jan 13, 2020 | [Approved](#)
- ▶ ANSI/ATIS 0300251.a-2020, Supplement to Structure for the Representation of Service Providers for Information Exchange (supplement to ANSI/ATIS 0300251-2020)  
PINS Date: Sep 11, 2020 | Public Review Date: Oct 30, 2020 | Final Action Date: Dec 15, 2020 | [Approved](#)
- ▶ ANSI/ATIS 0300253-2020, Structure for the Representation of Location Entities for Information Exchange (revision of ANSI/ATIS 0300253-2016)  
PINS Date: Mar 1, 2019 | Public Review Date: Nov 22, 2019 | Final Action Date: Jan 13, 2020 | [Approved](#)
- ▶ ANSI/ATIS 0300264-2010 (S2020), Alarm Surveillance in Telecommunications Management Network (TMN) (stabilized maintenance of ANSI/ATIS 0300264-2010 (R2015))  
Public Review Date: Apr 17, 2020 | Final Action Date: Jul 10, 2020 | [Approved](#)
- ▶ ANSI/ATIS 0300269-2006 (S2016), Structure and Representation of Trace Message Formats for Information Exchange (stabilized maintenance of ANSI/ATIS 0300269-2006 (R2011))  
Public Review Date: Sep 30, 2016 | Final Action Date: Nov 22, 2016 | [Approved](#)
- ▶ ANSI/ATIS 0300276-2008 (S2022), Operations, Administration, Maintenance, and Provisioning Security Requirements for the Public Telecommunications Network: A Baseline of Security Requirements for the Management Plane (stabilized maintenance of ANSI/ATIS 0300276-2008 (R2017))  
Public Review Date: Jun 3, 2022 | Final Action Date: Jul 21, 2022 | [Approved](#)
- ▶ ANSI/ATIS 0500019-2010 (S2021), Request for Assistance Interface (RFAI) Specification (stabilized maintenance of ANSI/ATIS 0500019-2010 (R2015))  
Public Review Date: Nov 27, 2020 | Final Action Date: Feb 5, 2021 | [Approved](#)
- ▶ ANSI/ATIS 0600003-2018, Battery Enclosure and Rooms/Areas (revision of ANSI/ATIS 0600003-2007 (R2012))  
PINS Date: Oct 21, 2016 | Public Review Date: Mar 9, 2018 | Final Action Date: May 7, 2018 | [Approved](#)
- ▶ ANSI/ATIS 0600004-2017 (R2022), Equipment Surface Temperature (reaffirmation of ANSI/ATIS 0600004-2017)  
Public Review Date: Mar 18, 2022 | Final Action Date: May 9, 2022 | [Approved](#)
- ▶ ANSI/ATIS 0600005-2017, Acoustic Measurement (revision of ANSI/ATIS 0600005-2006 (R2011))  
PINS Date: Jun 2, 2017 | Public Review Date: Nov 3, 2017 | Final Action Date: Dec 21, 2017 | [Approved](#)
- ▶ ANSI/ATIS 0600010-2020, Temperature, Humidity, and Altitude Requirements for Information and Communications Technology (ICT) Equipment Utilized in Controlled Environmental Spaces (revision of ANSI ATIS 0600010-2014)  
PINS Date: Jun 21, 2019 | Public Review Date: Nov 22, 2019 | Final Action Date: Jul 10, 2020 | [Approved](#)

**ATIS (Alliance for Telecommunications Industry Solutions)**

- ▶ ANSI/ATIS 0600010.01-2020, Temperature, Humidity, Altitude, and Salt Fog Requirements for Information and Communications Technology (ICT) Equipment Utilized in Outside Plant Environments (revision of ANSI/ATIS 0600010.01-2017)  
PINS Date: Jun 21, 2019 | Public Review Date: Nov 22, 2019 | Final Action Date: Jul 10, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 0600010.02-2012 (S2022), Equipment Handling, Transportation Vibration, and Rail Car Shock Requirements for Network Communications Equipment (stabilized maintenance of ANSI/ATIS 0600010.02-2012 (R2017))  
Public Review Date: Mar 18, 2022 | Final Action Date: May 9, 2022 | [Approved](#)

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- ▶ ANSI/ATIS 0600010.03-2011 (S2021), Heat Dissipation Requirements for Network Telecom Equipment (stabilized maintenance of ANSI/ATIS 0600010.03-2011 (R2016))  
Public Review Date: Dec 18, 2020 | Final Action Date: Feb 26, 2021 | [Approved](#)

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- ▶ ANSI/ATIS 0600010.04-2017 (R2022), Operational Vibration Requirements for Communications Equipment (reaffirmation of ANSI/ATIS 0600010.04-2017)  
Public Review Date: Jul 29, 2022 | Final Action Date: Sep 15, 2022 | [Approved](#)

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- ▶ ANSI/ATIS 0600015-2018, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting General Requirements (revision of ANSI ATIS 0600015-2013)  
PINS Date: Jun 2, 2017 | Public Review Date: Mar 30, 2018 | Final Action Date: May 21, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0600015.01-2021, Energy Efficiency for Telecommunications Equipment: Methodology for Measurement and Reporting – Server Requirements (revision of ANSI/ATIS 0600015.01-2014)  
PINS Date: Apr 3, 2020 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 4, 2021 | [Approved](#)

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- ▶ ANSI/ATIS 0600015.02-2016 (R2021), Energy Efficiency for Telecommunication Equipment: Methodology for Measurement & Reporting – Transport & Optical Access Requirements (reaffirmation of ANSI/ATIS 0600015.02-2016)  
Public Review Date: Sep 17, 2021 | Final Action Date: Nov 4, 2021 | [Approved](#)

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- ▶ ANSI/ATIS 0600015.03-2016 (R2021), Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting for Router and Ethernet Switch Products (reaffirmation of ANSI/ATIS 0600015.03-2016)  
Public Review Date: Sep 17, 2021 | Final Action Date: Nov 4, 2021 | [Approved](#)

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- ▶ ANSI/ATIS 0600015.04-2017, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting DC Power Plant - Rectifier Requirements (revision of ANSI/ATIS 0600015.04-2016)  
PINS Date: Feb 24, 2017 | Public Review Date: Oct 27, 2017 | Final Action Date: Dec 14, 2017 | [Approved](#)

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- ▶ ANSI/ATIS 0600015.07-2018, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting – Wireline Access, Asymmetric Broadband Equipment (revision of ANSI ATIS 0600015.07-2013)  
PINS Date: Jun 2, 2017 | Public Review Date: Jun 1, 2018 | Final Action Date: Aug 22, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0600015.08-2014 (R2019), Energy Efficiency for Telecommunications Equipment: Methodology for Measuring and Reporting for Small Network Equipment (reaffirmation of ANSI/ATIS 0600015.08-2014)  
Public Review Date: Jul 12, 2019 | Final Action Date: Nov 19, 2019 | [Approved](#)

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- ▶ ANSI/ATIS 0600015.09-2020, Methodology for Measurement and Reporting of Base Station Metrics for Telecommunication Equipment: Power Consumption & Energy Performance (revision of ANSI/ATIS 0600015.09-2015)  
PINS Date: Jul 24, 2015 | Public Review Date: May 15, 2020 | Final Action Date: Jul 16, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 0600015.10-2022, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting DC Power Plant – Inverter Requirements (revision of ANSI/ATIS 0600015.10-2015)  
PINS Date: Jan 8, 2021 | Public Review Date: Nov 26, 2021 | Final Action Date: Jan 13, 2022 | [Approved](#)

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- ▶ ANSI/ATIS 0600015.11-2016 (R2021), Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting DC/DC Converter Requirements (reaffirmation of ANSI/ATIS 0600015.11-2016)  
Public Review Date: Sep 17, 2021 | Final Action Date: Nov 4, 2021 | [Approved](#)

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**ATIS (Alliance for Telecommunications Industry Solutions)**

- ▶ ANSI/ATIS 0600015.12-2016 (R2021), Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting Power Systems – Uninterruptible Power Supply Requirements (reaffirmation of ANSI/ATIS 0600015.12-2016)  
Public Review Date: Sep 17, 2021 | Final Action Date: Nov 4, 2021 | [Approved](#)
- ▶ ANSI/ATIS 0600015.13-2017, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting for 802.11xx Wi-Fi Access Points (new standard)  
PINS Date: Oct 21, 2016 | Public Review Date: Dec 2, 2016 | Final Action Date: Jan 19, 2017 | [Approved](#)
- ▶ ANSI/ATIS 0600016-2018, Remote End POTS Splitter Requirements (revision of ANSI ATIS 0600016-2008 (R2013))  
PINS Date: Oct 13, 2017 | Public Review Date: Nov 24, 2017 | Final Action Date: Jan 17, 2018 | [Approved](#)
- ▶ ANSI/ATIS 0600017-2020, Non-Halogenated DC Power Wire and Cable For Telecommunications Power Systems (revision of ANSI ATIS 0600017-2014)  
PINS Date: Mar 1, 2019 | Public Review Date: May 15, 2020 | Final Action Date: Jul 16, 2020 | [Approved](#)
- ▶ ANSI/ATIS 0600026-2010 (S2020), Network End POTS Splitter Requirements (stabilized maintenance of ANSI/ATIS 0600026-2010 (R2015))  
Public Review Date: Jan 3, 2020 | Final Action Date: Mar 19, 2020 | [Approved](#)
- ▶ ANSI/ATIS 0600028-2021, DC Power Wire and Cable for Telecommunications Power Systems – for XHHW / XHHW-2 and DLO/Halogenated RHH-RHW Cable Types (revision of ANSI/ATIS 0600028-2016)  
PINS Date: Apr 2, 2021 | Public Review Date: May 28, 2021 | Final Action Date: Jul 26, 2021 | [Approved](#)
- ▶ ANSI/ATIS 0600029-2019, Standard for Irreversible Compression Lugs, Inline Splices, and Taps (revision of ANSI ATIS 0600029-2013)  
PINS Date: Oct 20, 2017 | Public Review Date: Feb 22, 2019 | Final Action Date: Nov 19, 2019 | [Approved](#)
- ▶ ANSI/ATIS 0600030-2021, Line-Powering of Telecommunications Equipment on Outside Plant (OSP) Copper Twisted Pair Loops (revision of ANSI/ATIS 0600030-2016)  
PINS Date: Jun 4, 2021 | Public Review Date: Aug 6, 2021 | Final Action Date: Sep 21, 2021 | [Approved](#)
- ▶ ANSI/ATIS 0600031-2019, (Pumped) Distributed Refrigerant Cooling – Standardized Infrastructure (revision of ANSI ATIS 0600031-2014)  
PINS Date: Oct 20, 2017 | Public Review Date: Jul 12, 2019 | Final Action Date: Nov 19, 2019 | [Approved](#)
- ▶ ANSI/ATIS 0600035-2018, Recommended Maintenance Routines and Frequencies for Central Office Backup Power (new standard)  
PINS Date: May 22, 2015 | Public Review Date: Jun 1, 2018 | Final Action Date: Jul 27, 2018 | [Approved](#)
- ▶ ANSI/ATIS 0600038-2022, Intrusion Protection for Outside Plant (OSP) Enclosures (new standard)  
PINS Date: May 25, 2018 | Public Review Date: Nov 26, 2021 | Final Action Date: Jan 13, 2022 | [Approved](#)
- ▶ ANSI/ATIS 0600039-2021, Outside Plant Enclosures and Assemblies – Fire Resistance Test (new standard)  
PINS Date: Jan 3, 2020 | Public Review Date: Dec 18, 2020 | Final Action Date: Feb 11, 2021 | [Approved](#)
- ▶ ANSI/ATIS 0600041-2022, Security Requirements for Telecommunications Equipment Structures (new standard)  
PINS Date: Apr 2, 2021 | Public Review Date: Nov 26, 2021 | Final Action Date: Jan 13, 2022 | [Approved](#)
- ▶ ANSI/ATIS 0600107-2002 (S2015), Digital Hierarchy - Formats Specifications (stabilized maintenance of ANSI/ATIS 0600107-2002 (R2011))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 17, 2015 | [Approved](#)
- ▶ ANSI/ATIS 0600107.a-2005 (S2015), Digital Hierarchy - Formats Specification (Virtual Concatenation and LCAS) (Supplement to ATIS-0600107) (stabilized maintenance of ANSI/ATIS 0600107a-2005 (R2010))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 12, 2015 | [Approved](#)

**ATIS (Alliance for Telecommunications Industry Solutions)**

- ▶ ANSI/ATIS 0600307-2018, Fire Resistance Criteria Ignitability Requirements for Equipment Assemblies, Ancillary Non-Metallic Apparatus, and Fire Spread Requirements for Wire and Cable (revision of ANSI ATIS 0600307-2014)  
PINS Date: Oct 20, 2017 | Public Review Date: Mar 9, 2018 | Final Action Date: May 7, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0600311-2017, DC Power Systems - Telecommunications Environment Protection (revision of ANSI/ATIS 0600311-2007 (R2012))  
PINS Date: Oct 21, 2016 | Public Review Date: Dec 2, 2016 | Final Action Date: Jan 6, 2017 | [Approved](#)

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- ▶ ANSI/ATIS 0600313-2018, Electrical Protection for Telecommunications Central Offices and Similar Type Facilities (revision of ANSI ATIS 0600313-2013)  
PINS Date: Oct 13, 2017 | Public Review Date: Nov 2, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0600315-2022, Voltage Levels for DC-Powered Equipment Used in the Telecommunications Environment (revision of ANSI/ATIS 0600315-2018)  
PINS Date: Apr 2, 2021 | Public Review Date: Jan 21, 2022 | Final Action Date: Mar 8, 2022 | [Approved](#)

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- ▶ ANSI/ATIS 0600315.01-2015 (R2020), Voltage Levels for 380 V DC-Powered Equipment Used in the Telecommunications Environment (reaffirmation of ANSI/ATIS 0600315.01-2015)  
Public Review Date: Jan 3, 2020 | Final Action Date: Mar 19, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 0600316-2018, Electrical Protection of Telecommunications Outside Plant (revision of ANSI ATIS 0600316-2013)  
PINS Date: Oct 13, 2017 | Public Review Date: Nov 2, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0600317-1993 (S2018), Uniform Language for Accessing Power Plants - Human-Machine Language (stabilized maintenance of ANSI ATIS 0600317-1993 (R2013))  
Public Review Date: Oct 20, 2017 | Final Action Date: Jan 24, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0600318-2021, Electrical Protection Applied to Telecommunications Network Plant at Entrances to Customer Structures or Buildings (revision of ANSI/ATIS 0600318-2016)  
PINS Date: Apr 2, 2021 | Public Review Date: May 28, 2021 | Final Action Date: Jul 26, 2021 | [Approved](#)

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- ▶ ANSI/ATIS 0600319-2020, Equipment Assemblies – Fire Propagation Risk Assessment Criteria (revision of ANSI ATIS 0600319-2014)  
PINS Date: Mar 9, 2018 | Public Review Date: Feb 7, 2020 | Final Action Date: Aug 28, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 0600320-2020, Above-Baseline Electrical Protection For Designated Information And Communications Technology (ICT) Facilities Against High-Altitude Electromagnetic Pulse (HEMP) (revision of ANSI/ATIS 0600320-2015)  
PINS Date: Jan 3, 2020 | Public Review Date: Jun 26, 2020 | Final Action Date: Aug 28, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 0600321-2020, Electrical Protection For Network Operator-Type Equipment Positions (revision of ANSI/ATIS 0600321-2015)  
PINS Date: Jan 3, 2020 | Public Review Date: Jun 26, 2020 | Final Action Date: Aug 28, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 0600328-2018, Protection of Telecommunications Links from Physical Stress and Radiation Effects and Associated Requirements for DC Power Systems (A Baseline Standard) (revision of ANSI ATIS 0600328-2012)  
PINS Date: Oct 20, 2017 | Public Review Date: Dec 1, 2017 | Final Action Date: Jan 24, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0600330-2018, Valve-Regulated Lead-Acid Batteries Used in the Telecommunications Environment (revision of ANSI ATIS 0600330-2013)  
PINS Date: Oct 20, 2017 | Public Review Date: Dec 1, 2017 | Final Action Date: Jan 24, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0600331-2020, Description of Above-Baseline Physical Threats to Telecommunications Links (revision of ANSI/ATIS 0600331-2015)  
PINS Date: Jan 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Jul 16, 2020 | [Approved](#)

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**ATIS (Alliance for Telecommunications Industry Solutions)**

- ▶ ANSI/ATIS 0600332-2020, Electrical Protection of Network-Powered Broadband Facilities (revision of ANSI/ATIS 0600332-2015)  
PINS Date: Jan 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Jul 16, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 0600333-2013 (R2018), Grounding and Bonding of Telecommunications Equipment (reaffirmation of ANSI ATIS 0600333-2013)  
PINS Date: Oct 13, 2017 | Public Review Date: Jun 1, 2018 | Final Action Date: Jul 27, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0600334-2019, Electrical Protection of Communications Towers and Associated Structures (revision of ANSI ATIS 0600334-2013)  
PINS Date: Oct 13, 2017 | Public Review Date: May 24, 2019 | Final Action Date: Nov 19, 2019 | [Approved](#)

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- ▶ ANSI/ATIS 0600336-2020, Design Requirements for Universal Cabinets and Framework (revision of ANSI/ATIS 0600336-2015)  
PINS Date: Jun 26, 2020 | Public Review Date: Sep 4, 2020 | Final Action Date: Oct 22, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 0600337-2019, Requirements for Maximum Voltage, Current, and Power Levels Used in Communications Circuits (revision of ANSI/ATIS 0600337-2016)  
PINS Date: Feb 22, 2019 | Public Review Date: May 24, 2019 | Final Action Date: Nov 19, 2019 | [Approved](#)

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- ▶ ANSI/ATIS 0600338-2021, Electrical Coordination of Primary and Secondary Surge Protective Devices for Use in Telecommunications Circuits (revision of ANSI/ATIS 0600338-2016)  
PINS Date: Apr 2, 2021 | Public Review Date: May 28, 2021 | Final Action Date: Jul 26, 2021 | [Approved](#)

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- ▶ ANSI/ATIS 0600401-2006 (S2018), Network to Customer Installation Interfaces - Analog Voicegrade Switched Access Lines Using Loop-Start and Ground-Start Signaling (stabilized maintenance of ANSI/ATIS 0600401-2006 (R2011))  
Public Review Date: Nov 2, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 0600401.01-2000 (S2015), Network to Customer Installation Interfaces - Analog Voicegrade Switched Access Lines Using Loop-Start or Ground Start Signaling With Line-Side Answer Supervision Feature (stabilized maintenance of ANSI/ATIS 0600401.01-2000 (R2010))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 12, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600401.02-2000 (S2015), Network-to-Customer Installation Interfaces - Analog Voicegrade Switched Access Lines with Distinctive Ringing Features (stabilized maintenance of ANSI/ATIS 0600401.02-2000 (R2010))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 12, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600401.03-1998 (S2015), Network-to-Customer Installation Interfaces - Analog Voicegrade Switched Access Lines with Calling Number Delivery, Calling Name Delivery, or Visual Message-Waiting Indicator Features (stabilized maintenance of ANSI/ATIS 0600401.03-1998 (R2010))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 12, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600401.04-2000 (S2015), Network and Customer Installation Interfaces - Analog Voicegrade Switched Access Lines with the Call Waiting, Distinctive Call Waiting, or Calling Identity Delivery on Call Waiting Feature (stabilized maintenance of ANSI/ATIS 0600401.04-2000 (R2010))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 12, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600401.05-2000 (S2015), Network-to-Customer Installation Interfaces - Analog Voicegrade Switched Access Lines with Network-Implemented Coin-Operated Payphone Feature (stabilized maintenance of ANSI/ATIS 0600401.05-2000 (R2010))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 12, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600403-1999 (S2015), Network and Customer Installation Interfaces - DS1 Electrical Interfaces (stabilized maintenance of ANSI ATIS 0600403-1999 (R2012))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 17, 2015 | [Approved](#)

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**ATIS (Alliance for Telecommunications Industry Solutions)**

- ▶ ANSI/ATIS 0600403.01-1999 (S2015), Network and Customer Installation Interfaces - (ISDN) Primary Rate Layer 1 Electrical Interfaces Specification (stabilized maintenance of ANSI/ATIS 0600403.01-1999 (R2010))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 12, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600403.02-1999 (S2015), Network and Customer Installation Interfaces - DS1 - Robbed-Bit Signaling State Definitions (stabilized maintenance of ANSI/ATIS 0600403.02-1999 (R2010))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 12, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600403.02.a-2001 (S2015), Supplement to ATIS-0600403.02.1999(R2005) - Network and Customer Installation Interfaces - DS1 Robbed-bit Signaling State Definitions (stabilized maintenance of ANSI/ATIS 0600403.02.a-2001 (R2010))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 12, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600403.03-2002 (S2015), Network and Customer Installation Interfaces - DS1 Physical Layer Interface and Mapping Specifications for ATM Applications (stabilized maintenance of ANSI/ATIS 0600403.03-2002 (R2011))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 10, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600403.a-2001 (S2015), Supplement to ATIS-0600403.1999(R2007) - Network to Customer Installation Interfaces - DS1 Electrical Interfaces (stabilized maintenance of ANSI/ATIS 0600403.a-2001 (R2010))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 12, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600403.b-2002 (S2015), Supplement to ATIS-0600403.1999(R2007) - Network and Customer Installation Interfaces - DS1 Electrical Interface (stabilized maintenance of ANSI/ATIS 0600403.b-2002 (R2010))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 11, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600404-2002 (S2015), Network and Customer Installation Interfaces - DS3 and Metallic Interface Specification (stabilized maintenance of ANSI/ATIS 0600404-2002 (R2011))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 17, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600404.01-2002 (S2015), Network and Customer Installation Interfaces - DS3 Physical Layer Interface and Mapping Specifications for ATM Applications (stabilized maintenance of ANSI/ATIS 0600404.01-2002 (R2011))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 10, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600404.a-2005 (S2015), Supplement to T1.404-2004, Network and Customer Installation Interfaces - DS3 Metallic Interface Specification (stabilized maintenance of ANSI/ATIS 0600404.a-2005 (R2010))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 11, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600405-2002 (S2015), Network and Customer Installation Interfaces - Direct Inward Dialing Analog Voicegrade Switched Access Using Loop Reverse-Battery Signaling (stabilized maintenance of ANSI/ATIS 0600405-2002 (R2011))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 9, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600407-2002 (S2015), Network-to-Customer Installation Interfaces - Analog Voicegrade Special Access Lines Using Customer-Installation-Provided Loop-Start Supervision (stabilized maintenance of ANSI/ATIS 0600407-2002 (R2011))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 9, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600409-2002 (S2015), Network and Customer Installation Interfaces - Analog Voicegrade Special Access Lines Using E&M Signaling (stabilized maintenance of ANSI/ATIS 0600409-2002 (R2011))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 9, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600410-2001 (S2015), Network-to-Customer Electrical Interface - Digital Data at 64 kbit/s and Subrates (stabilized maintenance of ANSI/ATIS 0600410-2001 (R2011))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 9, 2015 | [Approved](#)

**ATIS (Alliance for Telecommunications Industry Solutions)**

- ▶ ANSI/ATIS 0600411-2001 (S2015), Network-to-Customer Installation Interfaces - Analog Voicegrade Enhanced 911 Switched Access Using Network-Provided Reverse-Battery Signaling (stabilized maintenance of ANSI/ATIS 0600411-2001 (R2011))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 9, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600416-1999 (S2015), Network to Customer Installation Interfaces - Synchronous Optical NETwork (SONET) Physical Layer Specification: Common Criteria (stabilized maintenance of ANSI/ATIS 0600416-1999 (R2010))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 11, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600416.01-1999 (S2015), Network to Customer Installation Interfaces - Synchronous Optical NETwork (SONET) Physical Media Dependent Specification: Multi-Mode Fiber (stabilized maintenance of ANSI/ATIS 0600416.01-1999 (R2010))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 11, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600416.02-1999 (S2015), Network to Customer Installation Interfaces - Synchronous Optical NETwork (SONET) Physical Media Dependent Specification: Single-Mode Fiber (stabilized maintenance of ANSI/ATIS 0600416.02-1999 (R2010))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 11, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600416.02a-2001 (S2015), Supplement to ATIS-0600416.02.1999(R2005) - Network to Customer Installation Interfaces - Synchronous Optical NETwork (SONET) Physical Media Dependent Specification: Single Mode Fiber (stabilized maintenance of ANSI/ATIS 0600416.02a-2001 (R2010))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 11, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600416.03-1999 (S2015), Network to Customer Installation Interfaces - Synchronous Optical NETwork (SONET) Physical Media Dependent Specification: Electrical (stabilized maintenance of ANSI/ATIS 0600416.03-1999 (R2010))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 11, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600416.04-2005 (S2015), Network and Customer Installation Interfaces - SONET Physical Layer Interface and Mapping Specifications for ATM Applications (stabilized maintenance of ANSI/ATIS 0600416.04-2005 (R2010))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 11, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600417-2003 (S2015), Spectrum Management for Loop Transmission Systems (stabilized maintenance of ANSI ATIS 0600417-2003 (R2012))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 9, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600418-2002 (S2015), High bit rate Digital Subscriber Line - 2nd Generation (HDSL2/HDSL4) Issue 2 (stabilized maintenance of ANSI/ATIS 0600418-2002 (R2011))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 9, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600418.a-2004 (S2015), High bit rate Digital Subscriber Line - 2nd Generation (HDSL2/HDSL4), Issue 2 (stabilized maintenance of ANSI ATIS 0600418.a-2004 (R2014))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 9, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600421-2001 (S2015), In-Line Filter for Use with Voiceband Terminal Equipment Operating on the Same Wire Pair with High Frequency (up to 12 MHz) Devices (stabilized maintenance of ANSI/ATIS 0600421-2001 (R2011))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 10, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600422-2001 (S2015), Single-Pair High-Speed Digital Subscriber Line (SHDSL) Transceivers (stabilized maintenance of ANSI/ATIS 0600422-2001 (R2011))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 5, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600423-2001 (S2015), Asymmetric Digital Subscriber Line (ADSL) Transceivers Based on ITU-T Recommendation G.992.1 (stabilized maintenance of ANSI/ATIS 0600423-2001 (R2011))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 5, 2015 | [Approved](#)

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**ATIS (Alliance for Telecommunications Industry Solutions)**

- ▶ ANSI/ATIS 0600424-2004 (S2015), Interface Between Networks and Customer Installation Very-high-bit-rate Digital Subscriber Lines (VDSL) Metallic Interface (DMT based) (stabilized maintenance of ANSI ATIS 0600424-2004 (R2014))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 9, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600426-2004 (S2015), Enhanced Single-Pair High-Speed Digital Subscriber Line (E-SHDSL) Transceivers (stabilized maintenance of ANSI ATIS 0600426-2004 (R2014))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 5, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600427.01-2004 (S2015), ATM - Based Multi-Pair Bonding (stabilized maintenance of ANSI ATIS 0600427.01-2004 (R2014))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 5, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600427.02-2005 (S2015), Ethernet-based Multi-Pair Bonding (stabilized maintenance of ANSI/ATIS 0600427.02-2005 (R2010))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 11, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600427.03-2004 (S2015), Multi-Pair Bonding Using Time Division Inverse Multiplexing (stabilized maintenance of ANSI ATIS 0600427.03-2004 (R2014))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 5, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600601-1999 (S2015), Integrated Services Digital Network (ISDN) - Basic Access Interface for Use on Metallic Loops for Application on the Network Side of the NT (Layer 1 Specification) (stabilized maintenance of ANSI ATIS 0600601-1999 (R2014))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 9, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0600605-1991 (S2015), Integrated Services Digital Network (ISDN) - Basic Access Interface for S and T Reference Points (Layer 1 Specification) (stabilized maintenance of ANSI/ATIS 0600605-1991 (R2014))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 11, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0700004-2007 (S2017), High Capacity - Spatial Division Multiple Access (HC-SDMA) Radio Interface Standard (stabilized maintenance of ANSI ATIS 0700004-2007 (R2012))  
Public Review Date: Feb 17, 2017 | Final Action Date: Apr 4, 2017 | [Approved](#)

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- ▶ ANSI/ATIS 0700703-1995 (S2020), Allocation of Letters to the Keys of Numeric Keypads for Telecommunications (stabilized maintenance of ANSI/ATIS 0700703-1995 (R2015))  
Public Review Date: Jan 31, 2020 | Final Action Date: Mar 17, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 0700711-1999 (S2019), Number Portability for PCS 1900 short Message Service and other Services (stabilized maintenance of ANSI ATIS 0700711-1999 (R2014))  
Public Review Date: Feb 15, 2019 | Final Action Date: Nov 19, 2019 | [Approved](#)

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- ▶ ANSI/ATIS 0700714-2000 (S2020), Stage 2 Service Description for Personal Communications Service - Enhanced Priority Access and Channel Assignment (PACA-F) Supplementary Service (stabilized maintenance of ANSI/ATIS 0700714-2000 (R2015))  
Public Review Date: Jan 31, 2020 | Final Action Date: Mar 17, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 0900102-1993 (S2015), Digital Hierarchy - Electrical Interfaces (stabilized maintenance of ANSI/ATIS 0900102-1993 (R2010))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 10, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0900105-2015 (R2020), Synchronous Optical Network (SONET) - Basic Description including Multiplex Structure, Rates, and Formats (reaffirmation of ANSI/ATIS 0900105-2015)  
Public Review Date: Mar 20, 2020 | Final Action Date: Jun 11, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 0900105.01-2000 (S2015), Synchronous Optical Network (SONET) - Automatic Protection Switching (stabilized maintenance of ANSI/ATIS 0900105.01-2000 (R2010))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 10, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0900105.02-2007 (S2017), Synchronous Optical Network (SONET) - Payload Mappings (stabilized maintenance of ANSI/ATIS 0900105.02-2007 (R2012))  
Public Review Date: Jan 20, 2017 | Final Action Date: Mar 16, 2017 | [Approved](#)

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- ▶ ANSI/ATIS 0900105.04-1995 (S2015), Synchronous Optical Network (SONET) - Data Communication Channel Protocol and Architectures (stabilized maintenance of ANSI/ATIS 0900105.04-1995 (R2010))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 10, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0900105.05-2002 (S2015), Synchronous Optical Network (SONET): Tandem Connection Maintenance (stabilized maintenance of ANSI ATIS 0900105.05-2002 (R2013))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 5, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0900105.06-2002 (S2015), Synchronous Optical Network (SONET): Physical Layer Specifications (stabilized maintenance of ANSI ATIS 0900105.06-2002 (R2012))  
Public Review Date: Jan 16, 2015 | Final Action Date: Mar 5, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 0900414-2012 (R2017), Network to Customer Installation Interfaces - Enhanced 911 Analog Voicegrade PSAP Access Using Loop Reverse-Battery Signaling (reaffirmation of ANSI/ATIS 0900414-2012)  
Public Review Date: Jan 20, 2017 | Final Action Date: Mar 16, 2017 | [Approved](#)

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- ▶ ANSI/ATIS 1000006-2005 (S2020), Signaling System No. 7 (SS7) - Emergency Telecommunications Service (ETS) (stabilized maintenance of ANSI/ATIS 1000006-2005 (R2015))  
Public Review Date: Jan 24, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000007-2006 (S2016), Generic Signaling and Control Plane Security Requirements for Evolving Networks (stabilized maintenance of ANSI/ATIS 1000007-2006 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 1000008-2006 (S2016), Extensions to the Narrowband Signaling Syntax (NSS) - Syntax Definition (stabilized maintenance of ANSI/ATIS 1000008-2006 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 1000009-2006 (S2016), IP Network - To Network Interface (NNI) Standard for VoIP (stabilized maintenance of ANSI/ATIS 1000009-2006 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 1000010-2006 (S2016), Support of Emergency Telecommunications Service ETS in IP Network (stabilized maintenance of ANSI/ATIS 1000010-2006 (R2011))  
Public Review Date: Sep 9, 2016 | Final Action Date: Nov 7, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 1000012-2006 (S01x), Signaling System No. 7 (SS7) - SS7 Network and NNI Interconnection Security Requirements and Guidelines (stabilized maintenance of ANSI/ATIS 1000012-2006 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 1000013.v2-2015 (R2020), Lawfully Authorized Electronic Surveillance (LAES) for Internet Access and Services (reaffirmation of ANSI/ATIS 1000013.v2-2015)  
Public Review Date: Jan 24, 2020 | Final Action Date: Mar 23, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000019-2007 (S2017), Network to Network Interface (NNI) Standard for Signaling and Control Security for Evolving VoP Multimedia Networks (stabilized maintenance of ANSI ATIS 1000019-2007 (R2012))  
Public Review Date: Jan 20, 2017 | Final Action Date: Mar 10, 2017 | [Approved](#)

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**ATIS (Alliance for Telecommunications Industry Solutions)**

- ▶ ANSI/ATIS 1000034-2010 (S2020), Next Generation Network (NGN): Security Mechanisms and Procedures (stabilized maintenance of ANSI/ATIS 1000034-2010 (R2015))  
Public Review Date: Jan 24, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000044-2011 (S2021), ATIS Identity Management: Requirements and Use Case Standard (stabilized maintenance of ANSI/ATIS 1000044-2011 (R2016))  
Public Review Date: Nov 27, 2020 | Final Action Date: Feb 1, 2021 | [Approved](#)

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- ▶ ANSI/ATIS 1000045-2012 (S2022), ATIS NGN Identity Management Mechanisms (stabilized maintenance of ANSI/ATIS 1000045-2012 (R2017))  
Public Review Date: Nov 26, 2021 | Final Action Date: Jan 13, 2022 | [Approved](#)

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- ▶ ANSI/ATIS 1000050-2012 (S2022), Next Generation Network (NGN) Operator Regular Intercept Standard (stabilized maintenance of ANSI/ATIS 1000050-2012 (R2017))  
Public Review Date: Nov 26, 2021 | Final Action Date: Jan 13, 2022 | [Approved](#)

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- ▶ ANSI/ATIS 1000055-2013 (R2018), Emergency Telecommunications Service (ETS): Core Network Security Requirements (reaffirmation of ANSI/ATIS 1000055-2013)  
Public Review Date: Nov 24, 2017 | Final Action Date: Jan 24, 2018 | [Approved](#)

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- ▶ ANSI/ATIS 1000059-2017 (R2022), ETS Wireline Access Requirements (reaffirmation of ANSI/ATIS 1000059-2017)  
Public Review Date: Nov 26, 2021 | Final Action Date: Jan 13, 2022 | [Approved](#)

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- ▶ ANSI/ATIS 1000060-2014 (R2019), Emergency Telecommunications Services (ETS): Long Term Evolution (LET) Access Network Security Requirement for National Security/Emergency Preparedness (NS/EP) Next Generation Network (NGN) Priority Services (reaffirmation of ANSI/ATIS 1000060-2014)  
Public Review Date: Jul 5, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI/ATIS 1000061-2015 (R2020), LTE Access Class 14 for National Security and Emergency Preparedness (NS/EP) Communications (reaffirmation of ANSI/ATIS 1000061-2015)  
Public Review Date: Jan 24, 2020 | Final Action Date: Mar 23, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000065-2015 (R2020), ETS EPC Network Element Requirements (reaffirmation of ANSI/ATIS 1000065-2015)  
Public Review Date: Jan 24, 2020 | Final Action Date: Mar 23, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000066-2016 (R2021), Emergency Telecommunications Service (ETS) Network Elements Requirements for IMS-based Next Generation Network (NGN) Phase 2 (reaffirmation of ANSI/ATIS 1000066-2016)  
Public Review Date: Nov 27, 2020 | Final Action Date: Feb 11, 2021 | [Approved](#)

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- ▶ ANSI/ATIS 1000067-2015 (R2020), IP NGN Enhanced Calling Name (eCNAM) (reaffirmation of ANSI/ATIS 1000067-2015)  
Public Review Date: Jan 24, 2020 | Final Action Date: Mar 23, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000110-1999 (S2020), Signaling System No. 7 (SS7) - General Information (stabilized maintenance of ANSI/ATIS 1000110-1999 (R2015))  
Public Review Date: Jan 24, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000111-2005 (S2020), Signaling System No. 7 (SS7) - Message Transfer Part (MTP) (stabilized maintenance of ANSI/ATIS 1000111-2005 (R2015))  
Public Review Date: Jan 24, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000112-2005 (S2020), Signaling System No. 7 (SS7) - Signaling Connection Control Part (SCCP) (stabilized maintenance of ANSI/ATIS 1000112-2005 (R2015))  
Public Review Date: Jan 24, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000112.a-2006 (S2016), Subsystem Number Assignment Guidelines (stabilized maintenance of ANSI/ATIS 1000112.a-2006 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 1000113-2015 (R2020), Signaling System No. 7 - ISDN User Part (reaffirmation of ANSI/ATIS 1000113-2015)  
Public Review Date: Jan 24, 2020 | Final Action Date: Mar 23, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000116-2000 (S2020), Signaling System No. 7 (SS7) - Operations, Maintenance, and Administrative Part (OAMP) (stabilized maintenance of ANSI/ATIS 1000116-2000 (R2015))  
Public Review Date: Jan 24, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000118-1992 (S2020), Signaling System No. 7 (SS7) - Intermediate Signaling Network Identification (ISNI) (stabilized maintenance of ANSI/ATIS 1000118-1992 (R2015))  
Public Review Date: Jan 24, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000602-1996 (S2019), ISDN – Data-Link Layer Signaling Specification for Application at the User-Network Interface (stabilized maintenance of ANSI ATIS 1000602-1996 (R2014))  
Public Review Date: Jun 21, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI/ATIS 1000607.a-2006 (S2016), Supplement to ATIS-1000607 (stabilized maintenance of ANSI/ATIS 1000607.a-2006 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 1000608-2000 (S2017), Integrated Services Digital Network (ISDN) - Signaling Specification for X.25 Packet-Switched Bearer Service for Digital Subscriber Signaling System Number 1 (DSS1) (stabilized maintenance of ANSI ATIS 1000608-2000 (R2012))  
Public Review Date: Jan 20, 2017 | Final Action Date: Mar 10, 2017 | [Approved](#)

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- ▶ ANSI/ATIS 1000608.a-1992 (S2017), Integrated Services Digital Network (ISDN) - Signaling Specification for X.25 Packet-Switched Bearer Service for Digital Subscriber Signaling System Number 1 (DSS1) (Terminal Initialization Procedures for Packet-Mode Data) (stabilized maintenance of ANSI ATIS 1000608.a-1992 (R2012))  
Public Review Date: Jan 20, 2017 | Final Action Date: Mar 10, 2017 | [Approved](#)

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- ▶ ANSI/ATIS 1000613-1991 (S2017), Integrated Services Digital Network (ISDN) - Call Waiting Supplementary Service (stabilized maintenance of ANSI ATIS 1000613-1991 (R2012))  
Public Review Date: Jan 20, 2017 | Final Action Date: Mar 10, 2017 | [Approved](#)

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- ▶ ANSI/ATIS 1000614-1991 (S2017), Integrated Services Digital Network (ISDN) - Packet Mode Bearer Service Category Description (stabilized maintenance of ANSI ATIS 1000614-1991 (R2012))  
Public Review Date: Jan 20, 2017 | Final Action Date: Mar 10, 2017 | [Approved](#)

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- ▶ ANSI/ATIS 1000616-2014 (R2019), ISDN - Call Hold Supplementary Service (reaffirmation of ANSI ATIS 1000616-2014)  
Public Review Date: Jul 5, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI/ATIS 1000619-1992 (S2020), ISDN - Multi-Level Precedence and Preemption (MLPP) Service Capability (stabilized maintenance of ANSI/ATIS 1000619-1992 (R2015))  
Public Review Date: Jan 24, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000619.a-1994 (S2017), Integrated Services Digital Network (ISDN) - Multi-Level Precedence and Preemption (MLPP) Service Capability (MLPP Service Domain and Cause Value Changes) (stabilized maintenance of ANSI ATIS 1000619.a-1994 (R2012))  
Public Review Date: Jan 20, 2017 | Final Action Date: Mar 10, 2017 | [Approved](#)

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**ATIS (Alliance for Telecommunications Industry Solutions)**

- ▶ ANSI/ATIS 1000620-1991 (S2017), Integrated Services Digital Network (ISDN) - Circuit-Mode Bearer Service Category Description (stabilized maintenance of ANSI ATIS 1000620-1991 (R2012))  
Public Review Date: Jan 20, 2017 | Final Action Date: Mar 10, 2017 | [Approved](#)

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- ▶ ANSI/ATIS 1000620a-2014 (R2019), Multi-Rate Circuit-Mode Bearer Service for ISDN - Addendum to the Circuit-Mode Bearer Service Category Description (reaffirmation of ANSI ATIS 1000620a-2014)  
Public Review Date: Jun 21, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI/ATIS 1000628-2000 (S2020), Emergency Calling Service (stabilized maintenance of ANSI/ATIS 1000628-2000 (R2015))  
Public Review Date: Jan 24, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000628.a-2001 (S2020), ECS - Connection and Ring Back Addendum (stabilized maintenance of ANSI/ATIS 1000628.a-2001 (R2015))  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000630-1999 (S2020), Broadband ISDN - ATM Adaption Layer of Constant Bit Rate Service Functionality and Specification (stabilized maintenance of ANSI/ATIS 1000630-1999 (R2015))  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000630.a-2002 (S2020), Network - Broadband ISDN - ATM Adoption Layer for Constant Bit Rate Services Functionality and Specification (stabilized maintenance of ANSI/ATIS 1000630.a-2002 (R2015))  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000631-2005 (S2020), Signaling System No. 7 (SS7) - High Probability of Completion (HPC) Network Capability (stabilized maintenance of ANSI/ATIS 1000631-2005 (R2015))  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000634-1993 (S2016), Frame Relaying Service Specific Convergence Sublayer (FR-SSCS) (stabilized maintenance of ANSI/ATIS 1000634-1993 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 1000635-1999 (S2020), Broadband ISDN - ATM Adaptation Layer Type 5 Common Part Functions and Specification (stabilized maintenance of ANSI/ATIS 1000635-1999 (R2015))  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000636-1999 (R2010), B-ISDN Signaling ATM Adaptation Layer (SAAL)-Overview Description (reaffirmation of ANSI/ATIS 1000636-1999 (R2010))  
Public Review Date: Sep 5, 2014 | Final Action Date: Jan 8, 2015 | [Approved](#)

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- ▶ ANSI/ATIS 1000636-1999 (S2020), B-ISDN Signaling ATM Adaptation Layer (SAAL) - Overview Description (stabilized maintenance of ANSI/ATIS 1000636-1999 (R2010))  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000637-1999 (S2020), B-ISDN ATM Adaptation Layer - Service Specific Connection Oriented Protocol (SSCOP) (stabilized maintenance of ANSI/ATIS 1000637-1999 (R2015))  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000638-1999 (S2020), B-ISDN ATM Adaptation Layer - Service Specific Coordination Function for Support of Signaling at the User-to-Network Interface (SSCF at the UNI) (stabilized maintenance of ANSI/ATIS 1000638-1999 (R2015))  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000639-1995 (S2016), Calling Name Identification Restriction (stabilized maintenance of ANSI/ATIS 1000639-1995 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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**ATIS (Alliance for Telecommunications Industry Solutions)**

- ▶ ANSI/ATIS 1000639.a-2001 (S2016), Supplement to Calling Name Identification Restriction (stabilized maintenance of ANSI/ATIS 1000639.a-2001 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 1000640-2001 (S2016), Broadband ISDN Network Node Interfaces and Inter-Network Interfaces - Rates and Formats Specifications (stabilized maintenance of ANSI/ATIS 1000640-2001 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 1000641.a-2002 (S2017), Supplement to Calling Name Identification Presentation (stabilized maintenance of ANSI ATIS 1000641.a-2002 (R2012))  
Public Review Date: Jan 20, 2017 | Final Action Date: Mar 10, 2017 | [Approved](#)

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- ▶ ANSI/ATIS 1000644-1995 (S2020), Broadband ISDN - Meta-signaling Protocol (stabilized maintenance of ANSI/ATIS 1000644-1995 (R2015))  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000646-2003 (S2020), Broadband ISDN - Physical Layer Specification for User-Network Interfaces Including DS1/ATM (stabilized maintenance of ANSI/ATIS 1000646-2003 (R2015))  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000647-1995 (S2020), ISDN - Conference Calling Supplementary service (stabilized maintenance of ANSI/ATIS 1000647-1995 (R2015))  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000647.a-1998 (S2020), ISDN - Conference Calling Supplementary Service - Operations Across Multiple Interfaces (stabilized maintenance of ANSI/ATIS 1000647.a-1998 (R2015))  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000650-1995 (S2020), ISDN - Usage of the Cause Information Element in Digital Subscriber Signaling System Number 1 (DSS1) (stabilized maintenance of ANSI/ATIS 1000650-1995 (R2015))  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000651-1996 (S2016), Mobility Management Application Protocol (MMAP) (stabilized maintenance of ANSI/ATIS 1000651-1996 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 1000651.a-1996 (S2016), Mobility Management Application Protocol (MMAP) - Extensions (stabilized maintenance of ANSI/ATIS 1000651.a-1996 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 1000652-1996 (S2016), B-ISDN Signaling ATM Adaptation Layer - Layer Management for SAAL at the NNI (stabilized maintenance of ANSI/ATIS 1000652-1996 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 1000653-1996 (S2020), ISDN - Call Park Supplementary Service (stabilized maintenance of ANSI/ATIS 1000653-1996 (R2015))  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000653.a-1998 (S2020), ISDN - Call Park Supplementary Service - Generic Procedures for the Control of ISDN Supplementary Services, Clarification for Number Identification (stabilized maintenance of ANSI/ATIS 1000653.a-1998 (R2015))  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000655-2001 (S2016), Signaling System Number 7 (SS7) - Upper Layer Security Capability (stabilized maintenance of ANSI/ATIS 1000655-2001 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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**ATIS (Alliance for Telecommunications Industry Solutions)**

- ▶ ANSI/ATIS 1000659-1996 (S2016), Mobility Management Application Protocol (MMAP) RCF-RACF Operations (stabilized maintenance of ANSI/ATIS 1000659-1996 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 1000661-2000 (S2020), Signaling System Number 7 (SS7) - Release to Pivot (RTP) (stabilized maintenance of ANSI/ATIS 1000661-2000 (R2015))  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000666-1999 (S2019), Signaling System No. 7 (SS7) - Operator Services Network Capabilities (stabilized maintenance of ANSI ATIS 1000666-1999 (R2014))  
Public Review Date: Jun 21, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI/ATIS 1000666.a-2000 (S2019), Supplement to T1.666-1999, Interactions Between the Operator Services Network Capabilities (OSNC) and Release to Pivot (RTP) (stabilized maintenance of ANSI ATIS 1000666.a-2000 (R2014))  
Public Review Date: Jun 21, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI/ATIS 1000667-2002 (S2017), Intelligent Network (stabilized maintenance of ANSI ATIS 1000667-2002 (R2012))  
Public Review Date: Jan 20, 2017 | Final Action Date: Mar 10, 2017 | [Approved](#)

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- ▶ ANSI/ATIS 1000668-1999 (S2020), Signaling System Number 7 (SS7) - Facility Request to Pivot (FRP) (stabilized maintenance of ANSI/ATIS 1000668-1999 (R2015))  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000669-1999 (S2020), Signaling System Number 7 (SS7) - Intermediate Network Selection (INS) (stabilized maintenance of ANSI/ATIS 1000669-1999 (R2015))  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000671-2000 (S2020), Signaling System Number 7 (SS7) - Carrier Service Provider Identification (CSPI) (stabilized maintenance of ANSI/ATIS 1000671-2000 (R2015))  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000672-2000 (S2020), Bearer Independent Call Control (BICC) (stabilized maintenance of ANSI/ATIS 1000672-2000 (R2015))  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/ATIS 1000673-2002 (S2017), Bearer Independent Call Control (BICC) Capability Set 1+ (CS1+) (stabilized maintenance of ANSI ATIS 1000673-2002 (R2012))  
Public Review Date: Jan 20, 2017 | Final Action Date: Mar 10, 2017 | [Approved](#)

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- ▶ ANSI/ATIS 1000674-2002 (S2017), BICC CS1+: Signaling Transport Converters (STCs) (stabilized maintenance of ANSI ATIS 1000674-2002 (R2012))  
Public Review Date: Jan 20, 2017 | Final Action Date: Mar 10, 2017 | [Approved](#)

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- ▶ ANSI/ATIS 1000676-2001 (S2016), BICC IP Bearer Control Protocol (IPBCP) (stabilized maintenance of ANSI/ATIS 1000676-2001 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 1000677-2001 (S2016), BICC Bearer Control Tunneling Protocol (stabilized maintenance of ANSI/ATIS 1000677-2001 (R2011))  
Public Review Date: Mar 18, 2016 | Final Action Date: May 13, 2016 | [Approved](#)

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- ▶ ANSI/ATIS 1000678.v4-2020, Lawfully Authorized Electronic Surveillance (LAES) for Voice over Internet Protocol in Wireline Telecommunications Networks, Version 4 (revision and redesignation of ANSI/ATIS 1000678.v3-2015 (R2020))  
PINS Date: Apr 14, 2017 | Public Review Date: Aug 14, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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**ATIS (Alliance for Telecommunications Industry Solutions)**

- ▶ ANSI/ATIS 1000678.v4.a-2021, ATIS Supplement A to ATIS-1000678.v4.2020, Lawfully Authorized Electronic Surveillance (LAES) for Voice over Internet Protocol and Rich Communications Services Messaging in Wireline and Broadband Telecommunications Networks, Version 4 (supplement to ANSI/ATIS 1000678.v4-2020)  
PINS Date: Jan 22, 2021 | Public Review Date: Mar 5, 2021 | Final Action Date: Apr 20, 2021 | [Approved](#)
  
- ▶ ANSI/ATIS 1000679-2015 (R2020), Interworking between Session Initiation Protocol (SIP) and ISDN User Part (reaffirmation of ANSI/ATIS 1000679-2015)  
Public Review Date: Jan 24, 2020 | Final Action Date: Mar 23, 2020 | [Approved](#)

**ATSIP (Association of Transportation Safety Information Professionals)**

2351 Freedom Way, Suite 201, York, PA 17402 | w: [www.atsip.org](http://www.atsip.org)

- ▶ ANSI/ATSIP D.16-2017, Manual on Classification of Motor Vehicle Traffic Crashes, 8th edition (new standard)  
PINS Date: Mar 24, 2017 | Public Review Date: Jul 28, 2017 | Final Action Date: Dec 18, 2017 | [Approved](#)

**AVIXA (Audiovisual and Integrated Experience Association)**

11242 Waples Mill Road, Suite 200, Fairfax, VA 22030 | w: [www.avixa.org](http://www.avixa.org)

- ▶ ANSI/AVIXA A102.01-2022, Measurement and Classification of Audio Coverage Uniformity in Listener Areas (revision and redesignation of ANSI/INFOCOMM A102.01-2017)  
PINS Date: Apr 1, 2022 | Public Review Date: Aug 19, 2022 | Final Action Date: Dec 12, 2022 | [Approved](#)
  
- ▶ ANSI/AVIXA A103.01-2022, Measurement and Classification of Spectral Balance of Sound Systems in Listener Areas (new standard)  
PINS Date: Nov 12, 2010 | Public Review Date: Aug 19, 2022 | Final Action Date: Dec 12, 2022 | [Approved](#)
  
- ▶ ANSI/AVIXA S601.01-2021, Audiovisual Systems Energy Management (revision and redesignation of ANSI/INFOCOMM 4M-2012)  
PINS Date: Jun 16, 2017 | Public Review Date: Dec 14, 2018 | Final Action Date: Mar 24, 2021 | [Approved](#)
  
- ▶ ANSI/AVIXA V201.01-2021, Image System Contrast Ratio (revision and redesignation of ANSI/INFOCOMM 3M-2011)  
PINS Date: Dec 30, 2016 | Public Review Date: Feb 5, 2021 | Final Action Date: Aug 2, 2021 | [Approved](#)
  
- ▶ ANSI/CTA J-STD 710-2015, Audio, Video and Control Architectural Drawing Symbols Standard (new standard)  
PINS Date: Apr 8, 2011 | Public Review Date: Oct 3, 2014 | Final Action Date: Jan 22, 2015 | [Approved](#)
  
- ▶ ANSI/INFOCOMM 10-2013, Audiovisual Systems Performance Verification (new standard)  
PINS Date: Mar 2, 2012 | Public Review Date: Jul 5, 2013 | Final Action Date: Dec 20, 2013 | [Approved](#)
  
- ▶ ANSI/INFOCOMM V202.01:2016 , Display Image Size for 2D Content in Audiovisual Systems (new standard)  
PINS Date: Oct 15, 2010 | Public Review Date: Dec 25, 2015 | Final Action Date: May 23, 2016 | [Approved](#)

**AWC (American Wood Council)**

222 Catoctin Circle , Suite 201, Leesburg, VA 20175 | w: [www.awc.org](http://www.awc.org)

- ▶ ANSI/AWC FDS-2022, Fire Design Specification for Wood Construction (new standard)  
PINS Date: Jun 4, 2021 | Public Review Date: Jul 29, 2022 | Final Action Date: Sep 13, 2022 | [Approved](#)
  
- ▶ ANSI/AWC NDS-2018, National Design Specification® for Wood Construction (revision of ANSI/AWC NDS-2015)  
PINS Date: Aug 21, 2015 | Public Review Date: May 26, 2017 | Final Action Date: Nov 16, 2017 | [Approved](#)
  
- ▶ ANSI/AWC PWF-2021, Permanent Wood Foundation Design Specification (revision and redesignation of ANSI/AWC PWF-2015)  
PINS Date: Dec 7, 2018 | Public Review Date: Aug 7, 2020 | Final Action Date: Oct 6, 2020 | [Approved](#)

**AWC (American Wood Council)**

- ▶ ANSI/AWC SDPWS-2021, Special Design Provisions for Wind and Seismic (revision and redesignation of ANSI/AWC SDPWS-2015)

PINS Date: Dec 22, 2017 | Public Review Date: Mar 20, 2020 | Final Action Date: Jul 22, 2020 | [Approved](#)

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- ▶ ANSI/AWC WFCM-2018, Wood Frame Construction Manual for One and Two-Family Dwellings (revision and redesignation of ANSI/AWC WFCM-2015)

PINS Date: Aug 21, 2015 | Public Review Date: Oct 6, 2017 | Final Action Date: Dec 5, 2017 | [Approved](#)

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**AWI (Architectural Woodwork Institute)**

46179 Westlake Drive, Suite 120, Potomac Falls, VA 20165-5874 | w: [www.awin.org](http://www.awin.org)

- ▶ ANSI/AWI 0400-2022, AWI 0400 - Factory Finishing (new standard)

PINS Date: Sep 13, 2019 | Public Review Date: Jan 28, 2022 | Final Action Date: Mar 4, 2022 | [Approved](#)

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- ▶ ANSI/AWI 0620-2018, Finish Carpentry/Installation (new standard)

PINS Date: Nov 25, 2016 | Public Review Date: Jul 6, 2018 | Final Action Date: Sep 21, 2018 | [Approved](#)

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- ▶ ANSI/AWI 0641-2019, AWI 0641 - Architectural Wood Casework (new standard)

PINS Date: Nov 25, 2016 | Public Review Date: Sep 13, 2019 | Final Action Date: Dec 9, 2019 | [Approved](#)

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- ▶ ANSI/AWI 1232-2022, Manufactured Wood Casework (new standard)

PINS Date: Nov 25, 2016 | Public Review Date: Feb 4, 2022 | Final Action Date: Mar 11, 2022 | [Approved](#)

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- ▶ ANSI/AWI 1236-2022, Countertops (new standard)

PINS Date: Nov 25, 2016 | Public Review Date: Feb 4, 2022 | Final Action Date: Mar 31, 2022 | [Approved](#)

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- ▶ ANSI/AWI SMA 0643-2021, AWI SMA 0643 - Wood Stair, Handrail, and Guard Systems (new standard)

PINS Date: Nov 25, 2016 | Public Review Date: Oct 30, 2020 | Final Action Date: Mar 1, 2021 | [Approved](#)

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**AWPA (ASC 05) (American Wood Protection Association)**

P.O. Box 361784, Birmingham, AL 35236-1784 | w: [www.awpa.com](http://www.awpa.com)

- ▶ ANSI O5.1-2022, Wood Poles: Specifications & Dimensions (revision of ANSI O5.1-2017)

PINS Date: Nov 2, 2018 | Public Review Date: Jun 24, 2022 | Final Action Date: Aug 18, 2022 | [Approved](#)

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- ▶ ANSI O5.2-2020, Structural Glued Laminated Timber for Utility Structures (revision of ANSI O5.2-2012)

PINS Date: Mar 24, 2017 | Public Review Date: Nov 1, 2019 | Final Action Date: Jan 10, 2020 | [Approved](#)

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- ▶ ANSI O5.3-2021, Solid Sawn Wood Crossarms, Braces, and Wood Ground Wire Moulding - Specifications & Dimensions (revision of ANSI O5.3-2015)

PINS Date: Jan 24, 2020 | Public Review Date: Dec 4, 2020 | Final Action Date: Feb 26, 2021 | [Approved](#)

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**AWS (American Welding Society)**

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | w: [www.aws.org](http://www.aws.org)

- ▶ ANSI/AASHTO/AWS D1.5M/D1.5-2020, Bridge Welding Code (revision of ANSI/AASHTO/AWS D1.5M/D1.5-2015, AMD 1)

PINS Date: Sep 6, 2019 | Public Review Date: Dec 13, 2019 | Final Action Date: Apr 24, 2020 | [Approved](#)

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- ▶ ANSI/AWS A1.1-2016, Metric Practice Guide for the Welding Industry (new standard)

PINS Date: Nov 20, 2015 | Public Review Date: Jul 1, 2016 | Final Action Date: Aug 30, 2016 | [Approved](#)

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- ▶ ANSI/AWS A2.4-2020, Standard Symbols for Welding, Brazing, and Nondestructive Examination (revision of ANSI/AWS A2.4-2012)

PINS Date: May 31, 2013 | Public Review Date: Nov 22, 2019 | Final Action Date: Jan 9, 2020 | [Approved](#)

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**AWS (American Welding Society)**

- ▶ ANSI/AWS A3.0M/A3.0-2019, Standard Terms and Definitions Including Terms for Adhesive Bonding, Brazing, Soldering, Thermal Cutting, and Thermal Spraying (new standard)  
PINS Date: May 31, 2013 | Public Review Date: Aug 2, 2019 | Final Action Date: Oct 22, 2019 | [Approved](#)
- ▶ ANSI/AWS A4.2M-2020 (ISO 8249-2018 MOD), Standard Procedures for Calibrating Magnetic Instruments to Measure the Delta Ferrite Content of Austenitic and Duplex Ferritic-Austenitic Stainless Steel Weld Metal (national adoption of ISO 8249:2018 with modifications and revision of ANSI/AWS A4.2M/ISO 8249:2006 (R2014))  
PINS Date: Apr 5, 2019 | Public Review Date: Oct 4, 2019 | Final Action Date: Feb 27, 2020 | [Approved](#)
- ▶ ANSI/AWS A4.3-1993-ADD1, Standard Methods for Determination of the Diffusible Hydrogen Content of Martensitic, Bainitic, and Ferritic Steel Weld Metal Produced by Arc Welding (revision and redesignation of ANSI/AWS A4.3-2018)  
PINS Date: Apr 5, 2019 | Public Review Date: Sep 13, 2019 | Final Action Date: Oct 31, 2019 | [Approved](#)
- ▶ ANSI/AWS A4.4M:2001 (R2016), Standard Procedures for Determination of Moisture Content of Welding Fluxes and Welding Electrode Flux Coverings (reaffirmation of ANSI/AWS A4.4M-2001 (R2006))  
PINS Date: Mar 20, 2015 | Public Review Date: May 27, 2016 | Final Action Date: Oct 11, 2016 | [Approved](#)
- ▶ ANSI/AWS A4.5M/A4.5-2020 (ISO 15792-3-2011), Standard Methods for Classification Testing of Positional Capacity and Root Penetration of Welding Consumables in a Fillet Weld (national adoption of ISO 15792-3:2011 with modifications and revision of ANSI/AWS A4.5M/A4.5:2012 (ISO 15792-3:2011))  
PINS Date: Sep 13, 2019 | Public Review Date: Oct 18, 2019 | Final Action Date: Feb 20, 2020 | [Approved](#)
- ▶ ANSI/AWS A5.01M/A5.01:2019 (ISO 14344:2010 MOD), Welding and Brazing Consumables -- Procurement of Filler Materials and Fluxes (national adoption of ISO 14344:2010 MOD with modifications and revision of ANSI/AWS A5.01M/A5.01:2013 (ISO 14344:2010 MOD))  
PINS Date: Mar 29, 2019 | Public Review Date: Apr 26, 2019 | Final Action Date: Jun 26, 2019 | [Approved](#)
- ▶ ANSI/AWS A5.10/A5.10M:2021 (ISO 18273:2015 MOD), Specification for Bare Aluminum and Aluminum-Alloy Welding Electrodes and Rods (national adoption of ISO 18273:2015 MOD with modifications and revision of ANSI/AWS A5.10/A5.10M-2016 (ISO 18273-2004 MOD))  
PINS Date: Apr 5, 2019 | Public Review Date: Aug 21, 2020 | Final Action Date: Oct 13, 2020 | [Approved](#)
- ▶ ANSI/AWS A5.11/A5.11M-2018, Specification for Nickel and Nickel-Alloy Welding Electrodes for Shielded Metal Arc Welding (revision of ANSI/AWS A5.11/A5.11M-2010)  
PINS Date: Mar 20, 2015 | Public Review Date: Aug 4, 2017 | Final Action Date: Oct 27, 2017 | [Approved](#)
- ▶ ANSI/AWS A5.13/A5.13M-2021, Specification for Surfacing Electrodes for Shielding Metal Arc Welding (revision of ANSI/AWS A5.13/A5.13M-2010)  
PINS Date: May 29, 2020 | Public Review Date: Nov 20, 2020 | Final Action Date: Jan 7, 2021 | [Approved](#)
- ▶ ANSI/AWS A5.14/A5.14M-2018, Specification for Nickel and Nickel-Alloy Bare Welding Electrodes and Rods (revision of ANSI/AWS A5.14/A5.14M:2011)  
PINS Date: Jul 28, 2017 | Public Review Date: Sep 1, 2017 | Final Action Date: Oct 30, 2017 | [Approved](#)
- ▶ ANSI/AWS A5.15-1990 (R2016), Specification for Welding Electrodes and Rods for Cast Iron (reaffirmation of ANSI/AWS A5.15-1990 (R2006))  
PINS Date: Mar 27, 2015 | Public Review Date: Aug 21, 2015 | Final Action Date: May 4, 2016 | [Approved](#)
- ▶ ANSI/AWS A5.16/A5.16M (ISO 24034-2022 MOD), Specification for Titanium and Titanium-Alloy Welding Electrodes and Rods (revision of ANSI/AWS A5.16/A5.16M-2013 (ISO 24034-2005 MOD))  
PINS Date: Aug 20, 2021 | Public Review Date: Jun 3, 2022 | Final Action Date: Sep 13, 2022 | [Approved](#)
- ▶ ANSI/AWS A5.17/A5.17M-2019, Specification for Carbon Steel Electrodes and Fluxes for Submerged Arc Welding (new standard)  
PINS Date: Jun 22, 2018 | Public Review Date: Dec 14, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)

**AWS (American Welding Society)**

- ▶ ANSI/AWS A5.18/A5.18M-2021, Specification for Carbon Steel Electrodes and Rods for Gas Shielded Arc Welding (revision of ANSI/AWS A5.18/A5.18M-2017)  
Public Review Date: Apr 16, 2021 | Final Action Date: Jun 1, 2021 | [Approved](#)

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- ▶ ANSI/AWS A5.19-1992 (R2015), Specification for Magnesium Alloy Welding Electrodes and Rods (reaffirmation of ANSI/AWS A5.19-1992 (R2006))  
PINS Date: Mar 27, 2015 | Public Review Date: Apr 24, 2015 | Final Action Date: Jul 17, 2015 | [Approved](#)

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- ▶ ANSI/AWS A5.2/A5.2M-2018, Specification for Carbon and Low-Alloy Steel Rods for Oxyfuel Gas Welding (revision of ANSI/AWS A5.2/A5.2M-2007)  
PINS Date: May 15, 2015 | Public Review Date: May 26, 2017 | Final Action Date: Jan 10, 2018 | [Approved](#)

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- ▶ ANSI/AWS A5.20/A5.20M-2021, Specification for Carbon Steel Electrodes for Flux Cored Arc Welding (revision of ANSI/AWS A5.20/A5.20M-2005 (R2015))  
PINS Date: Jun 5, 2020 | Public Review Date: Apr 16, 2021 | Final Action Date: Jun 1, 2021 | [Approved](#)

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- ▶ ANSI/AWS A5.23/A5.23M-2021, Specification for Low-Alloy and High Manganese Steel Electrodes and Fluxes for Submerged Arc Welding (revision of ANSI/AWS A5.23/A5.23M-2011)  
PINS Date: May 26, 2017 | Public Review Date: Apr 2, 2021 | Final Action Date: Jun 1, 2021 | [Approved](#)

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- ▶ ANSI/AWS A5.24/A5.24M-2023, Specification for Zirconium and Zirconium-Alloy Welding Electrodes and Rods (revision of ANSI/AWS A5.24/A5.24M-2014)  
PINS Date: Aug 20, 2021 | Public Review Date: Jun 3, 2022 | Final Action Date: Sep 12, 2022 | [Approved](#)

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- ▶ ANSI/AWS A5.26/A5.26M-2020, Specification for Low-Alloy Steel Electrodes for Electrogas Welding (new standard)  
PINS Date: Apr 5, 2019 | Public Review Date: Sep 20, 2019 | Final Action Date: Apr 10, 2020 | [Approved](#)

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- ▶ ANSI/AWS A5.28/A5.28M-2022, Specification for Low-Alloy Steel Electrodes and Rods for Gas Shielded Arc Welding (revision of ANSI/AWS A5.28/A5.28M-2020)  
PINS Date: Sep 3, 2021 | Public Review Date: Jul 29, 2022 | Final Action Date: Sep 13, 2022 | [Approved](#)

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- ▶ ANSI/AWS A5.29/A5.29M-2022, Specification for Low-Alloy Steel Electrodes for Flux Cored Arc Welding (revision of ANSI/AWS A5.29/A5.29M-2021)  
PINS Date: Sep 3, 2021 | Public Review Date: Apr 22, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)

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- ▶ ANSI/AWS A5.30/A5.30M-2022, Specification for Consumable Inserts (new standard)  
PINS Date: May 26, 2017 | Public Review Date: May 13, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)

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- ▶ ANSI/AWS A5.31M/A5.31-2022, Specification for Fluxes for Brazing and Braze Welding (revision of ANSI/AWS A5.31M/A5.31-2012)  
PINS Date: Dec 14, 2018 | Public Review Date: Nov 5, 2021 | Final Action Date: Jan 7, 2022 | [Approved](#)

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- ▶ ANSI/AWS A5.32M/A5.32-2021 (ISO 14175-2008 MOD), Welding Consumables—Gases and Gas Mixtures for Fusion Welding and Allied Processes (national adoption of ISO 14175:2008 with modifications and revision of ANSI/AWS A5.32/A5.32M:2011 (ISO 14175:2008))  
PINS Date: May 29, 2020 | Public Review Date: Jan 8, 2021 | Final Action Date: Mar 22, 2021 | [Approved](#)

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- ▶ ANSI/AWS A5.34/A5.34M-2020, Specification for Nickel-Alloy Flux Cored and Metal Cored Welding Electrodes (revision of ANSI/AWS A5.34/A5.34M-2018)  
PINS Date: Nov 8, 2019 | Public Review Date: Apr 24, 2020 | Final Action Date: Jun 16, 2020 | [Approved](#)

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- ▶ ANSI/AWS A5.35/A5.35M-AMD1-2016, Specification for Covered Electrodes for Underwater Wet Shielded Metal Arc Welding (revision of ANSI/AWS A5.35/A5.35M-2015)  
PINS Date: Jun 3, 2016 | Public Review Date: Jul 1, 2016 | Final Action Date: Aug 22, 2016 | [Approved](#)

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**AWS (American Welding Society)**

- ▶ ANSI/AWS A5.39/A5.39M-2020, Specification for Flux and Electrode Combinations for Submerged Arc and Electroslag Joining and Surfacing of Stainless Steel and Nickel Alloys (new standard)  
PINS Date: Jul 28, 2017 | Public Review Date: Oct 4, 2019 | Final Action Date: Feb 24, 2020 | [Approved](#)
- ▶ ANSI/AWS A5.4/A5.4M-2012 (R2022), Specification for Stainless Steel Electrodes for Shielded Metal Arc Welding (reaffirmation of ANSI/AWS A5.4/A5.4M-2012)  
Public Review Date: Jun 17, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)
- ▶ ANSI/AWS A5.5/A5.5M-2022, Specification for Low-Alloy Steel Electrodes for Shielded Metal Arc Welding (revision of ANSI/AWS A5.5/A5.5M-2014)  
PINS Date: Feb 12, 2016 | Public Review Date: Jul 15, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)
- ▶ ANSI/AWS A5.6/A5.6M-2008 (R2017), Specification for Copper and Copper-Alloy Electrodes for Shielded Metal Arc Welding (reaffirmation of ANSI/AWS A5.6/A5.6M-2008)  
Public Review Date: Mar 31, 2017 | Final Action Date: Jul 11, 2017 | [Approved](#)
- ▶ ANSI/AWS A5.7/A5.7M-2007 (R2017), Specification for Copper and Copper-Alloy Bare Welding Rods and Electrodes (reaffirmation of ANSI/AWS A5.7/A5.7M-2007)  
Public Review Date: Mar 3, 2017 | Final Action Date: Jul 11, 2017 | [Approved](#)
- ▶ ANSI/AWS A5.8M/A5.8-2019, Specification for Filler Metals for Brazing and Braze Welding (revision of ANSI/AWS A5.8M/A5.8-2011)  
PINS Date: Aug 5, 2016 | Public Review Date: Mar 8, 2019 | Final Action Date: May 21, 2019 | [Approved](#)
- ▶ ANSI/AWS A5.9/A5.9M-2022 (ISO 14343-2017 MOD), Specification for Bare Stainless Steel Welding Electrodes and Rods (national adoption of ISO 14343:2017 with modifications and revision of ANSI/AWS A5.9/A5.9M:2017 (ISO 14343:2009 MOD))  
PINS Date: Jul 2, 2021 | Public Review Date: May 13, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)
- ▶ ANSI/AWS A9.5-2013 (R2023), Guide for Verification and Validation in Computation Weld Mechanics (reaffirmation of ANSI/AWS A9.5-2012)  
PINS Date: Aug 6, 2021 | Public Review Date: Jul 29, 2022 | Final Action Date: Oct 6, 2022 | [Approved](#)
- ▶ ANSI/AWS B1.10M/B1.10-2016, Guide for the Nondestructive Examination of Welds (revision, redesignation and consolidation of ANSI/AWS B1.10-2009, ANSI/AWS B1.10M-2004 (R2014))  
PINS Date: Jan 17, 2014 | Public Review Date: Jul 8, 2016 | Final Action Date: Aug 29, 2016 | [Approved](#)
- ▶ ANSI/AWS B1.11M/B1.11-2014, Guide for the Visual Examination of Welds (new standard)  
PINS Date: Aug 8, 2003 | Public Review Date: Jun 20, 2014 | Final Action Date: Sep 8, 2014 | [Approved](#)
- ▶ ANSI/AWS B2.1-1-001-2019, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel, (M-1/P-1, Group 1 or 2), 3/16 inch [5 mm] through 3/4 inch [19 mm], E7016 and E7018, in the As-Welded Condition, Primarily Plate and Structural Applications (new standard)  
PINS Date: Aug 26, 2016 | Public Review Date: Mar 15, 2019 | Final Action Date: Jul 31, 2019 | [Approved](#)
- ▶ ANSI/AWS B2.1-1-002-2020, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel, (M-1/P-1, Group 1 or 2), 3/16 inch [5 mm] through 7/8 inch [22 mm], ER70S-2, ER70S-3, in the As-Welded Condition, Primarily Plate and Structural Applications (new standard)  
PINS Date: Aug 26, 2016 | Public Review Date: Sep 20, 2019 | Final Action Date: Mar 16, 2020 | [Approved](#)
- ▶ ANSI/AWS B2.1-1-003-2002 (S2022), Standard Welding Procedure Specification (SWPS) for Gas Metal Arc Welding (Short Circuiting Transfer Mode) of Galvanized Steel (M-1), 18 through 10 Gauge, in the As-Welded Condition, with or without Backing (stabilized maintenance of ANSI/AWS B2.1-1-003-2002 (R2013))  
PINS Date: Sep 17, 2021 | Public Review Date: Nov 12, 2021 | Final Action Date: Nov 14, 2022 | [Approved](#)

**AWS (American Welding Society)**

- ▶ ANSI/AWS B2.1-1-004-2002 (S2022), Standard Welding Procedure Specification (SWPS) for Gas Metal Arc Welding (Short Circuiting Transfer Mode) of Carbon Steel, (M-1, Group 1), 18 through 10 Gauge, in the As-Welded Condition, with or without Backing (stabilized maintenance of ANSI/AWS B2.1-1-004-2002 (R2013))

PINS Date: Sep 17, 2021 | Public Review Date: Nov 12, 2021 | Final Action Date: Nov 14, 2022 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1-007-2002 (S2022), Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Galvanized Steel (M-1), 18 through 10 Gauge, in the As-Welded Condition with or without Backing (stabilized maintenance of ANSI/AWS B2.1-1-007-2002 (R2013))

PINS Date: Sep 17, 2021 | Public Review Date: Nov 12, 2021 | Final Action Date: Nov 14, 2022 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1-008-2002 (S2022), Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1, P-1, or S-1), 18 through 10 Gauge, in the As-Welded Condition, with or without Backing (stabilized maintenance of ANSI/AWS B2.1-1-008-2002 (R2013))

PINS Date: Sep 17, 2021 | Public Review Date: Nov 12, 2021 | Final Action Date: Nov 14, 2022 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1-011-2002 (S2022), Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Galvanized Steel (M-1), 10 through 18 Gauge, in the As-Welded Condition, with or without Backing (stabilized maintenance of ANSI/AWS B2.1-1-011-2002 (R2013))

PINS Date: Sep 17, 2021 | Public Review Date: Nov 12, 2021 | Final Action Date: Nov 14, 2022 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1-012-2002 (S2022), Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel, 10 through 18 Gauge (M-1, P-1, or S-1 to M-1, P-1, or S-1), in the As-Welded Condition, with or without Backing (stabilized maintenance of ANSI/AWS B2.1-1-012-2002 (R2013))

PINS Date: Sep 17, 2021 | Public Review Date: Nov 12, 2021 | Final Action Date: Nov 14, 2022 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1-016-2018, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (new standard)

PINS Date: Dec 20, 2013 | Public Review Date: Jul 28, 2017 | Final Action Date: Apr 10, 2018 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1-017-2018, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (new standard)

PINS Date: Dec 20, 2013 | Public Review Date: Jul 28, 2017 | Final Action Date: Apr 10, 2018 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1-018-2021, Standard Welding Procedure Specification (SWPS) for Self-Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E71T-8, in the As-Welded Condition, Primarily Plate and Structural Applications (new standard)

PINS Date: Dec 20, 2013 | Public Review Date: May 7, 2021 | Final Action Date: Jul 22, 2021 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1-019-2018, Standard Welding Procedure Specification (SWPS) for CO<sub>2</sub> Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E70T-1C and E71T-1C, in the As-Welded Condition, Primarily Plate and Structural Applications (new standard)

PINS Date: Dec 20, 2013 | Public Review Date: Jul 28, 2017 | Final Action Date: Apr 10, 2018 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1-020-2018, Standard Welding Procedure Specification (SWPS) for 75% Ar/25% CO<sub>2</sub> Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E70T-1M and E71T-1M, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (new standard)

PINS Date: Dec 20, 2013 | Public Review Date: Jul 28, 2017 | Final Action Date: Apr 10, 2018 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1-021-2018, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) (new standard)

PINS Date: Dec 20, 2013 | Public Review Date: Jul 28, 2017 | Final Action Date: Apr 10, 2018 | [Approved](#)

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**AWS (American Welding Society)**

- ▶ ANSI/AWS B2.1-1-022-2018, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Uphill) Followed by E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (new standard)  
PINS Date: Dec 20, 2013 | Public Review Date: Jul 28, 2017 | Final Action Date: Apr 10, 2018 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1-026-2018, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Downhill) Followed by E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (new standard)  
PINS Date: Dec 20, 2013 | Public Review Date: Jul 28, 2017 | Final Action Date: Apr 10, 2018 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1-027-2018 (R2022), Standard Welding Procedure Specification (SWPS) for Self-Shielded Flux Cored Arc Welding of Carbon Steel (M-1 or P-1, Groups 1 and 2), 1/8 inch [3 mm] through 1/2 inch [13 mm] Thick, E71T-11, in the As-Welded Condition, Primarily Plate and Structural Applications (reaffirmation of ANSI/AWS B2.1-1-027-2018)  
PINS Date: Sep 10, 2021 | Public Review Date: Mar 18, 2022 | Final Action Date: Sep 6, 2022 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1-201-2019, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, E6010 (Vertical Uphill) Followed by E7018 (Vertical Uphill), in the As-Welded Condition, Primarily Pipe Applications (new standard)  
PINS Date: Mar 30, 2018 | Public Review Date: Aug 31, 2018 | Final Action Date: Mar 1, 2019 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1-202-2019, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, E6010 (Vertical Downhill) Followed by E7018 (Vertical Uphill), in the As-Welded Condition, Primarily Pipe Applications (new standard)  
PINS Date: Mar 30, 2018 | Public Review Date: Aug 31, 2018 | Final Action Date: Mar 1, 2019 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1-203-2019, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, E6010 (Vertical Uphill), in the As-Welded Condition, Primarily Pipe Applications (new standard)  
PINS Date: Mar 30, 2018 | Public Review Date: Aug 31, 2018 | Final Action Date: Mar 1, 2019 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1-204-2019, Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, E6010 (Vertical Downhill Root with the Balance Vertical Uphill), in the As-Welded Condition, Primarily Pipe Applications (new standard)  
PINS Date: Mar 30, 2018 | Public Review Date: Aug 31, 2018 | Final Action Date: Mar 1, 2019 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1-205-2019, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Uphill) Followed by E7018 (Vertical Uphill), in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)  
PINS Date: Mar 30, 2018 | Public Review Date: Aug 31, 2018 | Final Action Date: Mar 1, 2019 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1-206-2019, Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Downhill) Followed by E7018 (Vertical Uphill), in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)  
PINS Date: Mar 30, 2018 | Public Review Date: Aug 31, 2018 | Final Action Date: Mar 1, 2019 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1-207-2019, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-2, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)  
PINS Date: Mar 30, 2018 | Public Review Date: Aug 31, 2018 | Final Action Date: Mar 1, 2019 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1-208-2019, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E7018, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)  
PINS Date: Mar 30, 2018 | Public Review Date: Aug 31, 2018 | Final Action Date: Mar 1, 2019 | [Approved](#)

**AWS (American Welding Society)**

- ▶ ANSI/AWS B2.1-1-209-2019, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-2 and E7018, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)  
PINS Date: Mar 30, 2018 | Public Review Date: Aug 31, 2018 | Final Action Date: Mar 1, 2019 | [Approved](#)
- ▶ ANSI/AWS B2.1-1-232-2019, Standard Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Gas Metal Arc Welding (Short Circuiting Transfer Mode) followed by 75% Argon Plus 25% Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-3 and E71T-X, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)  
PINS Date: Aug 26, 2016 | Public Review Date: Apr 27, 2018 | Final Action Date: Jul 31, 2019 | [Approved](#)
- ▶ ANSI/AWS B2.1-1-233-2019, Standard Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Gas Metal Arc Welding (Short Circuiting Transfer Mode) followed by 98% Argon Plus 2% Oxygen Shielded Gas Metal Arc Welding (Spray Transfer Mode) of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-3, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)  
PINS Date: Aug 26, 2016 | Public Review Date: Apr 27, 2018 | Final Action Date: Jul 31, 2019 | [Approved](#)
- ▶ ANSI/AWS B2.1-1-234-2019, Standard Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E7XT-X, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)  
PINS Date: Aug 26, 2016 | Public Review Date: Mar 15, 2019 | Final Action Date: Jul 31, 2019 | [Approved](#)
- ▶ ANSI/AWS B2.1-1-234-2020-AMD1, Standard Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E7XT-X, in the As-Welded or PWHT Condition, Primarily Pipe Applications (revision and redesignation of ANSI/AWS B2.1-1-234:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Feb 17, 2022 | [Approved](#)
- ▶ ANSI/AWS B2.1-1-235-2020-AMD1, Standard Welding Procedure Specification (SWPS) for 98% Argon Plus 2% Oxygen Shielded Gas Metal Arc Welding (Spray Transfer Mode) of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-3, in the As-Welded or PWHT Condition, Primarily Pipe Applications (revision and redesignation of ANSI/AWS B2.1-1-235-2019)  
PINS Date: Mar 12, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Feb 17, 2022 | [Approved](#)
- ▶ ANSI/AWS B2.1-1/8-006-2002 (S2022), Standard Welding Procedure Specification (SWPS) for Gas Metal Arc Welding (Short Circuiting Transfer Mode) of Carbon Steel to Austenitic Stainless Steel (M-1 to M-8, P-8, or S-8), 18 through 10 Gauge, in the As-Welded Condition, with or without Backing (stabilized maintenance of ANSI/AWS B2.1-1/8-006-2002 (R2013))  
PINS Date: Sep 17, 2021 | Public Review Date: Nov 12, 2021 | Final Action Date: Nov 14, 2022 | [Approved](#)
- ▶ ANSI/AWS B2.1-1/8-010-2015 (R2021), Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1/P-1) to Austenitic Stainless Steel (M-8/P-8), 18 through 10 Gauge, in the As-Welded Condition, with or without Backing (reaffirmation of ANSI/AWS B2.1-1/8-010-2015)  
PINS Date: Apr 30, 2021 | Public Review Date: Jun 18, 2021 | Final Action Date: Sep 3, 2021 | [Approved](#)
- ▶ ANSI/AWS B2.1-1/8-014-2002 (S2022), Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel to Austenitic Stainless Steel (M-1 to M-8/P-8/S-8, Group 1), 10 through 18 Gauge, in the As-Welded Condition, with or without Backing (stabilized maintenance of ANSI/AWS B2.1-1/8-014-2002 (R2013))  
PINS Date: Sep 17, 2021 | Public Review Date: Nov 12, 2021 | Final Action Date: Nov 14, 2022 | [Approved](#)
- ▶ ANSI/AWS B2.1-1/8-227-2002 (R2013), Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1/P-1, Groups 1 or 2) to Austenitic Stainless Steel (M-8/P-8, Group 1), 1/16 through 1-1/2 inch Thick, ER309(L), As-Welded Condition, Primarily Pipe Applications (reaffirmation of ANSI/AWS B2.1-1/8-227-2002)  
PINS Date: Aug 13, 2010 | Public Review Date: Nov 23, 2012 | Final Action Date: Mar 11, 2013 | [Approved](#)

**AWS (American Welding Society)**

- ▶ ANSI/AWS B2.1-1/8-228-2002 (R2013), Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Groups 1 or 2) to Austenitic Stainless Steel ( M-8/P-8/S-8, Group 1), 1/8 through 1-1/2 inch Thick, E309(L) -15, -16, or -17, As-Welded Condition, Primarily Pipe Applications (reaffirmation of ANSI/AWS B2.1-1/8-228-2002)

PINS Date: Aug 13, 2010 | Public Review Date: Nov 23, 2012 | Final Action Date: Mar 11, 2013 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1/8-229-2002 (R2013), Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Groups 1 or 2) to Austenitic Stainless Steel ( M-8/P-8, Group 1), 1/8 through 1-1/2 inch Thick, ER309(L) and E309(L) -15, -16, or -17, As-Welded Condition, Primarily Pipe Applications (reaffirmation of ANSI/AWS B2.1-1/8-229-2002)

PINS Date: Aug 13, 2010 | Public Review Date: Nov 23, 2012 | Final Action Date: Mar 11, 2013 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1/8-230-2002 (R2013), Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding with Consumable Insert Root of Carbon Steel (M-1/P-1, Groups 1 or 2) to Austenitic Stainless Steel ( M-8/P-8, Group 1), 1/16 through 1-1/2 inch Thick, IN309 and ER309(L), As-Welded Condition, Primarily Pipe Applications (reaffirmation of ANSI/AWS B2.1-1/8-230-2002)

PINS Date: Aug 13, 2010 | Public Review Date: Nov 23, 2012 | Final Action Date: Mar 11, 2013 | [Approved](#)

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- ▶ ANSI/AWS B2.1-1/8-231:2015, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding with Consumable Insert Root followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Groups 1 or 2) to Austenitic Stainless Steel ( M-8/P-8, Group 1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, IN309, ER309(L), and E309(L)-XX, in the As-Welded Condition, Primarily Pipe Applications (revision of ANSI/AWS B2.1-1/8-231-2002)

PINS Date: Mar 22, 2013 | Public Review Date: May 29, 2015 | Final Action Date: Jul 14, 2015 | [Approved](#)

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- ▶ ANSI/AWS B2.1-22-015-2022, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Aluminum (M/P-22 to M/P-22), 18 through 10 Gauge, ER4043 or R4043, in the As-Welded Condition, with or without Backing (new standard)

PINS Date: Apr 30, 2021 | Public Review Date: Sep 24, 2021 | Final Action Date: Nov 29, 2021 | [Approved](#)

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- ▶ ANSI/AWS B2.1-4-217-2021, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Chromium- Molybdenum Steel (M-4/P-4, Group 1 or 2), ER80S-B2, 1/8 inch [3 mm] through 1/2 inch [13 mm] Thick, As-Welded Condition; 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, PWHT Condition, Primarily Pipe Applications (new standard)

PINS Date: Mar 15, 2019 | Public Review Date: Mar 19, 2021 | Final Action Date: Jul 1, 2021 | [Approved](#)

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- ▶ ANSI/AWS B2.1-4-218-2021, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Chromium- Molybdenum Steel (M-4/P-4, Group 1 or 2), E8018-B2, 1/8 inch [3 mm] through 1/2 inch [13 mm] Thick, As-Welded Condition; 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, PWHT Condition, Primarily Pipe Applications (new standard)

PINS Date: Mar 15, 2019 | Public Review Date: Mar 19, 2021 | Final Action Date: Jul 1, 2021 | [Approved](#)

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- ▶ ANSI/AWS B2.1-4-219-2021, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding followed by Shielded Metal Arc Welding of Chromium-Molybdenum Steel (M-4/P-4, Group 1 or 2), ER80S-B2 and E8018-B2, 1/8 inch [3 mm] through 1/2 inch [13 mm] Thick, As-Welded Condition; 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, PWHT Condition, Primarily Pipe Applications (new standard)

PINS Date: Mar 15, 2019 | Public Review Date: Mar 19, 2021 | Final Action Date: Jul 1, 2021 | [Approved](#)

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- ▶ ANSI/AWS B2.1-4-220-2021, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding (Consumable Insert Root) of Chromium-Molybdenum Steel (M-4/P-4, Group 1 or 2), IN515 and ER80S-B2, 1/8 inch [3 mm] through 1/2 inch [13 mm] Thick, As-Welded Condition; 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, PWHT Condition, Primarily Pipe Applications (new standard)

PINS Date: Mar 15, 2019 | Public Review Date: Mar 19, 2021 | Final Action Date: Jul 1, 2021 | [Approved](#)

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**AWS (American Welding Society)**

- ▶ ANSI/AWS B2.1-4-221-2021, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding (Consumable Insert Root) followed by Shielded Metal Arc Welding of Chromium-Molybdenum Steel (M-4/P-4, Group 1 or 2), IN515, ER80S-B2, and E8018-B2, 1/8 inch [3 mm] through 1/2 inch [13 mm] Thick, As-Welded Condition; 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, PWHT Condition, Primarily Pipe Applications (new standard)  
PINS Date: Mar 15, 2019 | Public Review Date: Mar 19, 2021 | Final Action Date: Jul 1, 2021 | [Approved](#)
- ▶ ANSI/AWS B2.1-5A-222-2021, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Chromium-Molybdenum Steel (M-5A/P-5A), ER90S-B3, 1/8 inch [3 mm] through 1/2 inch [13 mm] Thick, As-Welded Condition; 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, PWHT Condition, Primarily Pipe Applications (new standard)  
PINS Date: Mar 15, 2019 | Public Review Date: Sep 17, 2021 | Final Action Date: Dec 2, 2021 | [Approved](#)
- ▶ ANSI/AWS B2.1-5A-223-2021, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Chromium-Molybdenum Steel (M-5A/P-5A), E9018-B3, 1/8 inch [3 mm] through 1/2 inch [13 mm] Thick, As-Welded Condition; 1/8 inch [13 mm] through 1-1/2 inch [38 mm] Thick, PWHT Condition, Primarily Pipe Applications (new standard)  
PINS Date: Mar 15, 2019 | Public Review Date: Sep 17, 2021 | Final Action Date: Dec 2, 2021 | [Approved](#)
- ▶ ANSI/AWS B2.1-5A-224-2021, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding followed by Shielded Metal Arc Welding of Chromium-Molybdenum Steel (M-5A/P-5A), ER90S-B3 and E9018-B3, 1/8 inch [3 mm] through 1/2 inch [13 mm] Thick, As-Welded Condition; 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, PWHT Condition, Primarily Pipe Applications (new standard)  
PINS Date: Mar 15, 2019 | Public Review Date: Sep 17, 2021 | Final Action Date: Dec 2, 2021 | [Approved](#)
- ▶ ANSI/AWS B2.1-5A-225-2021, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding (Consumable Insert Root) of Chromium-Molybdenum Steel (M-5A/P-5A), IN521 and ER90S-B3, 1/8 inch [3 mm] through 1/2 inch [13 mm] Thick, As-Welded Condition; 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, PWHT Condition, Primarily Pipe Applications (new standard)  
PINS Date: Mar 15, 2019 | Public Review Date: Sep 17, 2021 | Final Action Date: Dec 2, 2021 | [Approved](#)
- ▶ ANSI/AWS B2.1-5A-226-2021, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding (Consumable Insert Root) followed by Shielded Metal Arc Welding of Chromium-Molybdenum Steel (M-5A/P-5A), IN521, ER90S-B3, and E9018-B3, 1/8 inch [3 mm] through 1/2 inch [13 mm] Thick, As-Welded Condition; 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, PWHT Condition, Primarily Pipe Applications (new standard)  
PINS Date: Mar 15, 2019 | Public Review Date: Sep 17, 2021 | Final Action Date: Dec 2, 2021 | [Approved](#)
- ▶ ANSI/AWS B2.1-8-005-2002 (S2022), Standard Welding Procedure Specification (SWPS) for Gas Metal Arc Welding (Short Circuiting Transfer Mode) of Austenitic Stainless Steel (M-8, P-8, or S-8), 18 through 10 Gauge, in the As-Welded Condition, with or without Backing (stabilized maintenance of ANSI/AWS B2.1-8-005-2002 (R2013))  
PINS Date: Sep 17, 2021 | Public Review Date: Nov 12, 2021 | Final Action Date: Nov 14, 2022 | [Approved](#)
- ▶ ANSI/AWS B2.1-8-009-2002 (S2022), Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Austenitic Stainless Steel (M-8, P-8, or S-8), 18 through 10 Gauge, in the As-Welded Condition, with or without Backing (stabilized maintenance of ANSI/AWS B2.1-8-009-2002 (R2013))  
PINS Date: Sep 17, 2021 | Public Review Date: Nov 12, 2021 | Final Action Date: Nov 14, 2022 | [Approved](#)
- ▶ ANSI/AWS B2.1-8-013-2002 (S2022), Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 10 through 18 Gauge, in the As-Welded Condition, with or without Backing (stabilized maintenance of ANSI/AWS B2.1-8-013-2002 (R2013))  
PINS Date: Sep 17, 2021 | Public Review Date: Nov 12, 2021 | Final Action Date: Nov 14, 2022 | [Approved](#)
- ▶ ANSI/AWS B2.1-8-023-2018, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8 Group 1) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, in the As-Welded Condition, Primarily Plate and Structural Applications (new standard)  
PINS Date: Dec 20, 2013 | Public Review Date: Jul 28, 2017 | Final Action Date: Apr 10, 2018 | [Approved](#)

**AWS (American Welding Society)**

- ▶ ANSI/AWS B2.1/B2.1M-2021, Specification for Welding Procedure and Performance Qualification (revision and redesignation of ANSI/AWS B2.1/B2.1M:2014-ADD1-2019)  
PINS Date: Jan 25, 2019 | Public Review Date: Sep 10, 2021 | Final Action Date: Nov 18, 2021 | [Approved](#)

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- ▶ ANSI/AWS B2.2/B2.2M-2016, Specification for Brazing Procedure and Performance Qualification (revision of ANSI/AWS B2.2/B2.2M-2009)  
PINS Date: Apr 1, 2011 | Public Review Date: Mar 18, 2016 | Final Action Date: Aug 5, 2016 | [Approved](#)

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- ▶ ANSI/AWS B2.3/B2.3M-2018, Specification for Soldering Procedure and Performance Qualification (revision of ANSI/AWS B2.3/B2.3M-2012)  
PINS Date: Feb 5, 2016 | Public Review Date: Dec 15, 2017 | Final Action Date: Mar 29, 2018 | [Approved](#)

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- ▶ ANSI/AWS B2.4-2023, Specification for Welding Procedure and Performance Qualification for Thermoplastics (revision of ANSI/AWS B2.4-2020-AMD1)  
Public Review Date: Aug 12, 2022 | Final Action Date: Nov 14, 2022 | [Approved](#)

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- ▶ ANSI/AWS B2.5/B2.5M-2021, Specification for Measurement of Welding Power Source Output for Calculation of Welding Procedure Heat Input (new standard)  
PINS Date: Nov 3, 2017 | Public Review Date: Oct 8, 2021 | Final Action Date: Nov 29, 2021 | [Approved](#)

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- ▶ ANSI/AWS B4.0, AMD1-2021, Standard Methods for Mechanical Testing of Welds (revision of ANSI/AWS B4.0M -2016)  
PINS Date: Dec 16, 2016 | Public Review Date: Oct 9, 2020 | Final Action Date: Nov 30, 2020 | [Approved](#)

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- ▶ ANSI/AWS B5.1-2013-AMD1-2013, Specification for the Qualification of Welding Inspectors (revision and redesignation of ANSI/AWS B5.1-2012)  
PINS Date: Jul 11, 2014 | Public Review Date: Aug 22, 2014 | Final Action Date: Oct 7, 2014 | [Approved](#)

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- ▶ ANSI/AWS B5.17-2014, Specification for the Qualification of Welding Fabricators (revision of ANSI/AWS B5.17-2008)  
PINS Date: Mar 1, 2013 | Public Review Date: Mar 14, 2014 | Final Action Date: Sep 12, 2014 | [Approved](#)

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- ▶ ANSI/AWS B5.2-2018, Specification for the Training, Qualification, and Company Certification of Welding Inspector Specialists and Welding Inspector Assistants (new standard)  
PINS Date: Nov 25, 2016 | Public Review Date: Feb 24, 2017 | Final Action Date: May 11, 2017 | [Approved](#)

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- ▶ ANSI/AWS C1.1M/C1.1-2022-AMD1, Recommended Practices for Resistance Welding (revision of ANSI/AWS C1.1M/C1.1-2019)  
PINS Date: May 14, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 6, 2022 | [Approved](#)

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- ▶ ANSI/AWS C1.4M/C1.4-2017, Specification for the Resistance Welding of Carbon and Low-Alloy Steels (revision of ANSI/AWS C1.4M/C1.4-2009)  
PINS Date: Mar 30, 2012 | Public Review Date: Oct 21, 2016 | Final Action Date: Jan 3, 2017 | [Approved](#)

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- ▶ ANSI/AWS C1.5-2019, Specification For The Qualification Of Resistance Welding Technicians (revision of ANSI/AWS C1.5-2015)  
PINS Date: Sep 23, 2016 | Public Review Date: Apr 12, 2019 | Final Action Date: Jun 3, 2019 | [Approved](#)

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- ▶ ANSI/AWS C2.16/C2.16M-2017, Guide for Thermal Spray Operator Qualification Programs (new standard)  
PINS Date: Jul 12, 2013 | Public Review Date: Dec 23, 2016 | Final Action Date: Mar 10, 2017 | [Approved](#)

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- ▶ ANSI/AWS C2.19/C2.19M-2013, Specification for the Application of Thermal Spray Coatings to Machine Elements for OEM and Repair (new standard)  
Public Review Date: Apr 26, 2013 | Final Action Date: Jul 29, 2013 | [Approved](#)

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- ▶ ANSI/AWS C2.20/C2.20M-2016, Specification for Thermal Spraying Zinc Anodes on Steel Reinforced Concrete (new standard)  
PINS Date: Jul 12, 2013 | Public Review Date: Feb 12, 2016 | Final Action Date: May 19, 2016 | [Approved](#)

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**AWS (American Welding Society)**

- ▶ ANSI/AWS C2.21M/C2.21-2015, Specification for Thermal Spray Equipment Performance Verification (revision of ANSI/AWS C2.21M/C2.21-2003)  
PINS Date: Apr 17, 2009 | Public Review Date: Sep 4, 2015 | Final Action Date: Oct 27, 2015 | [Approved](#)

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- ▶ ANSI/AWS C2.25/C2.25M-2012 (R2018), Specification for Thermal Spray Feedstock-Wire and Rods (reaffirmation of ANSI/AWS C2.25/C2.25M-2012)  
PINS Date: Jan 1, 2016 | Public Review Date: Jul 8, 2016 | Final Action Date: Sep 1, 2017 | [Approved](#)

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- ▶ ANSI/AWS C3.12M/C3.12-2017, Specification for Furnace Soldering (new standard)  
PINS Date: Sep 28, 2012 | Public Review Date: Feb 24, 2017 | Final Action Date: May 23, 2017 | [Approved](#)

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- ▶ ANSI/AWS C3.14M/C3.14-2020, Standard Method For Evaluation of Brazed Joints using Visual and Metallographic Techniques (new standard)  
PINS Date: Mar 25, 2016 | Public Review Date: Dec 6, 2019 | Final Action Date: Jan 31, 2020 | [Approved](#)

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- ▶ ANSI/AWS C3.2M/C3.2-2019, Standard Method For Evaluating the Strength of Brazed Joints (new standard)  
PINS Date: Apr 8, 2016 | Public Review Date: Sep 28, 2018 | Final Action Date: Nov 30, 2018 | [Approved](#)

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- ▶ ANSI/AWS C3.3-2008 (R2016), Recommended Practices for the Design, Manufacture, and Examination of Critical Brazed Components (reaffirmation of ANSI/AWS C3.3-2008)  
Public Review Date: Jul 1, 2016 | Final Action Date: Aug 22, 2016 | [Approved](#)

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- ▶ ANSI/AWS C3.4M/C3.4-2016, Specification for Torch Brazing (revision of ANSI/AWS C3.4M/C3.4-2007a)  
PINS Date: Feb 15, 2013 | Public Review Date: Oct 23, 2015 | Final Action Date: Dec 15, 2015 | [Approved](#)

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- ▶ ANSI/AWS C3.5M/C3.5-2016-AMD1, Specification for Induction Brazing (revision and redesignation of ANSI/AWS C3.5M/C3.5-2016)  
PINS Date: Jul 29, 2016 | Public Review Date: Oct 21, 2016 | Final Action Date: Jun 16, 2017 | [Approved](#)

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- ▶ ANSI/AWS C3.6M/C3.6-2022 AMD2, Specification for Furnace Brazing (revision and redesignation of ANSI/AWS C3.6M/C3.6:2016, ANSI/AWS C3.6M/C3.6-2019 AMD1)  
PINS Date: Oct 30, 2020 | Public Review Date: Nov 26, 2021 | Final Action Date: Sep 8, 2022 | [Approved](#)

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- ▶ ANSI/AWS C3.7M/C3.7-2011 (R2021), Specification for Aluminum Brazing (reaffirmation of ANSI/AWS C3.7M/C3.7-2011)  
PINS Date: Jun 9, 2017 | Public Review Date: Aug 13, 2021 | Final Action Date: Sep 28, 2021 | [Approved](#)

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- ▶ ANSI/AWS C3.8M/C3.8-2020, Specification for the Ultrasonic Pulse-Echo Examination of Brazed Joints (revision of ANSI/AWS C3.8M/C3.8-2011)  
PINS Date: May 3, 2019 | Public Review Date: May 22, 2020 | Final Action Date: Jul 9, 2020 | [Approved](#)

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- ▶ ANSI/AWS C3.9M/C3.9-2020, Specification for Resistance Brazing (new standard)  
PINS Date: Jun 9, 2017 | Public Review Date: May 22, 2020 | Final Action Date: Jul 9, 2020 | [Approved](#)

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- ▶ ANSI/AWS C4.2/C4.2M-2017, Recommended Practices for Oxyfuel Gas Cutting Torch Operation (revision of ANSI/AWS C4.2/C4.2M-2009)  
PINS Date: Nov 22, 2013 | Public Review Date: Jan 6, 2017 | Final Action Date: Mar 2, 2017 | [Approved](#)

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- ▶ ANSI/AWS C4.3/C4.3M-2018, Recommended Practices for Oxyfuel Gas Heating Torch Operation (revision of ANSI/AWS C4.3/C4.3M-2007)  
PINS Date: Nov 15, 2013 | Public Review Date: Feb 24, 2017 | Final Action Date: Jun 6, 2017 | [Approved](#)

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- ▶ ANSI/AWS C4.4/C4.4M-2022, Recommended Practices for Heat Shaping and Straightening with Oxyfuel Gas Heating Torches (new standard)  
PINS Date: Nov 15, 2013 | Public Review Date: Sep 24, 2021 | Final Action Date: Dec 17, 2021 | [Approved](#)

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**AWS (American Welding Society)**

- ▶ ANSI/AWS C4.6M (ISO 9013:2002)-2006 (R2012), Thermal Cutting - Classification of Thermal Cuts - Geometric Product Specification and Quality Tolerances (reaffirm a national adoption ANSI/AWS C4.6M (ISO 9013:2002)-2006)  
PINS Date: Mar 2, 2012 | Public Review Date: Mar 30, 2012 | Final Action Date: Oct 30, 2012 | [Approved](#)
- ▶ ANSI/AWS C4.7/C4.7M-2020, Recommended Practices for Oxyacetylene Welding of Steel (new standard)  
PINS Date: Sep 18, 2015 | Public Review Date: Jul 5, 2019 | Final Action Date: Jan 7, 2020 | [Approved](#)
- ▶ ANSI/AWS C6.2/C6.2M-2021, Specification for Rotary Friction Welding (revision of ANSI/AWS C6.2/C6.2M-2006)  
PINS Date: Aug 26, 2016 | Public Review Date: Oct 9, 2020 | Final Action Date: Mar 4, 2021 | [Approved](#)
- ▶ ANSI/AWS C6.3M/C6.3-2023, Recommended Practice for Friction Stir Welding (new standard)  
PINS Date: Mar 29, 2013 | Public Review Date: Nov 5, 2021 | Final Action Date: Aug 18, 2022 | [Approved](#)
- ▶ ANSI/AWS C7.1M/C7.1-2013, Recommended Practices for Electron Beam Welding (revision of ANSI/AWS C7.1M/C7.1-2004)  
Public Review Date: Sep 21, 2012 | Final Action Date: Feb 5, 2013 | [Approved](#)
- ▶ ANSI/AWS C7.3M/C7.3-2016, Process Specification for Electron Beam Welding (revision of ANSI/AWS C7.3-1999 (R2003))  
PINS Date: Nov 22, 2013 | Public Review Date: Dec 4, 2015 | Final Action Date: Jan 26, 2016 | [Approved](#)
- ▶ ANSI/AWS C7.4/C7.4M-2017, Process Specification and Operator Qualification for Laser Beam Welding (revision of ANSI/AWS C7.4/C7.4M-2008)  
PINS Date: Jan 21, 2011 | Public Review Date: May 5, 2017 | Final Action Date: Jun 27, 2017 | [Approved](#)
- ▶ ANSI/AWS C7.6/C7.6M-2017, Process Specification and Operator Qualification for Laser Hybrid Welding (new standard)  
Public Review Date: Jan 20, 2017 | Final Action Date: Feb 16, 2017 | [Approved](#)
- ▶ ANSI/AWS D1.1/D1.1M-2020, AWS D1.1/D1.1M:20XX, Structural Welding Code-Steel (revision of ANSI/AWS D1.1/D1.1M-2015)  
PINS Date: Dec 4, 2015 | Public Review Date: Nov 8, 2019 | Final Action Date: Dec 9, 2019 | [Approved](#)
- ▶ ANSI/AWS D1.2/D1.2M-2014, Structural Welding Code -- Aluminum (revision of ANSI/AWS D1.2/D1.2M:2008)  
PINS Date: Dec 5, 2008 | Public Review Date: Feb 1, 2013 | Final Action Date: Jun 11, 2013 | [Approved](#)
- ▶ ANSI/AWS D1.3/D1.3M-2018, Structural Welding Code-Sheet Steel (revision of ANSI/AWS D1.3/D1.3M-2007)  
PINS Date: Jul 11, 2008 | Public Review Date: Jun 2, 2017 | Final Action Date: Jul 12, 2017 | [Approved](#)
- ▶ ANSI/AWS D1.4/D1.4M-2018-AMD1, Structural Welding Code - Steel Reinforcing Bars (revision and redesignation of ANSI/AWS D1.4/D1.4M-2018)  
PINS Date: Apr 17, 2020 | Public Review Date: May 29, 2020 | Final Action Date: Jul 14, 2020 | [Approved](#)
- ▶ ANSI/AWS D1.6/D1.6M-2017-AMD1, Structural Welding Code - Stainless Steel (revision and redesignation of ANSI/AWS D1.6/D1.6M-2017)  
PINS Date: Nov 13, 2020 | Public Review Date: Jan 1, 2021 | Final Action Date: Feb 22, 2021 | [Approved](#)
- ▶ ANSI/AWS D1.8/D1.8M-2021, Structural Welding Code Seismic Supplement (revision of ANSI/AWS D1.8/D1.8M-2016)  
PINS Date: Nov 3, 2017 | Public Review Date: May 14, 2021 | Final Action Date: Aug 16, 2021 | [Approved](#)
- ▶ ANSI/AWS D1.9/D1.9M-2015, Structural Welding Code - Titanium (revision of ANSI/AWS D1.9/D1.9M-2007)  
PINS Date: Mar 1, 2013 | Public Review Date: Jul 10, 2015 | Final Action Date: Aug 27, 2015 | [Approved](#)
- ▶ ANSI/AWS D10.10/D10.10M-2021, Recommended Practices for Local Heating of Welds in Piping and Tubing (new standard)  
PINS Date: Sep 18, 2015 | Public Review Date: Dec 18, 2020 | Final Action Date: Feb 2, 2021 | [Approved](#)

**AWS (American Welding Society)**

- ▶ ANSI/AWS D10.18M/D10.18-2017, Guide for Welding Ferritic/Austenitic Duplex Stainless Steel Piping and Tubing (revision of ANSI/AWS D10.18M/D10.18-2008)  
PINS Date: Aug 29, 2014 | Public Review Date: May 12, 2017 | Final Action Date: Nov 14, 2017 | [Approved](#)
- ▶ ANSI/AWS D10.22/D10.22M-2021, Specification for Local Heating of Welds in Creep Strength-Enhanced Ferritic Steels, in Piping and Tubing Using Electric Resistance Heating (new standard)  
PINS Date: Mar 7, 2014 | Public Review Date: Jul 17, 2020 | Final Action Date: Sep 14, 2020 | [Approved](#)
- ▶ ANSI/AWS D14.4/D14.4M-2019, Specification for the Design of Welded Joints in Machinery and Equipment (revision of ANSI/AWS D14.4/D14.4M-2012)  
PINS Date: Sep 19, 2014 | Public Review Date: Feb 1, 2019 | Final Action Date: May 21, 2019 | [Approved](#)
- ▶ ANSI/AWS D14.9/D14.9M-2022, Specification for the Welding of Hydraulic Cylinders (revision of ANSI/AWS D14.9/D14.9M-2012)  
PINS Date: Jun 23, 2017 | Public Review Date: Jun 24, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)
- ▶ ANSI/AWS D15.1/D15.1M-2021-AMD1, Railroad Welding Specification for Cars and Locomotives (revision of ANSI/AWS D15.1/D15.1M-2019)  
PINS Date: Jan 3, 2020 | Public Review Date: Mar 12, 2021 | Final Action Date: May 27, 2021 | [Approved](#)
- ▶ ANSI/AWS D15.2/D15.2M-2022, Specification for Joining Railroad Rail and Related Rail Components (revision of ANSI/AWS D15.2/D15.2M-2012)  
PINS Date: May 17, 2019 | Public Review Date: Jul 23, 2021 | Final Action Date: Sep 29, 2022 | [Approved](#)
- ▶ ANSI/AWS D16.1M/D16.1-2018, Specification for Robotic Arc Welding Safety (revision of ANSI/AWS D16.1M/D16.1-2004 (R2016))  
PINS Date: Oct 25, 2013 | Public Review Date: Dec 8, 2017 | Final Action Date: Feb 16, 2018 | [Approved](#)
- ▶ ANSI/AWS D16.2M/D16.2-2021, Guide for Components of Robotic and Automatic Arc Welding Installations (new standard)  
PINS Date: Oct 25, 2013 | Public Review Date: Oct 30, 2020 | Final Action Date: Jan 25, 2021 | [Approved](#)
- ▶ ANSI/AWS D16.3M/D16.3-2017, Risk Assessment Guide for Robotic Arc Welding (revision of ANSI/AWS D16.3M/D16.3-2008)  
PINS Date: Oct 25, 2013 | Public Review Date: Dec 9, 2016 | Final Action Date: Jan 24, 2017 | [Approved](#)
- ▶ ANSI/AWS D16.4M/D16.4-2014, Specification for the Qualification of Robotic Arc Welding Personnel (revision of ANSI/AWS D16.4M/D16.4-2005)  
PINS Date: Jul 10, 2009 | Public Review Date: Jul 4, 2014 | Final Action Date: Dec 12, 2014 | [Approved](#)
- ▶ ANSI/AWS D16.5M/D16.5-2021, Training Guide for Robotic Arc Welding Personnel (new standard)  
PINS Date: Apr 12, 2013 | Public Review Date: Jun 12, 2020 | Final Action Date: Jan 21, 2021 | [Approved](#)
- ▶ ANSI/AWS D16.6M/D16.6-2018, Specification for Robot Arc Welding Training and Testing Cell (new standard)  
PINS Date: Jun 13, 2014 | Public Review Date: Jul 6, 2018 | Final Action Date: Aug 22, 2018 | [Approved](#)
- ▶ ANSI/AWS D17.1/D17.1M-2017-AMD2, Specification for Fusion Welding for Aerospace Applications (revision of ANSI/AWS D17.1/D17.1M-2017a)  
PINS Date: Aug 3, 2018 | Public Review Date: Oct 12, 2018 | Final Action Date: Nov 30, 2018 | [Approved](#)
- ▶ ANSI/AWS D17.2/D17.2M-2019, Specification for Resistance Welding for Aerospace Applications (revision of ANSI/AWS D17.2/D17.2M-2012)  
PINS Date: Feb 1, 2013 | Public Review Date: Dec 29, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)
- ▶ ANSI/AWS D17.3/D17.3M-2021, Specification for Friction Stir Welding of Aluminum Alloys for Aerospace Applications (revision of ANSI/AWS D17.3/D17.3M-2016)  
PINS Date: Nov 18, 2016 | Public Review Date: Jul 10, 2020 | Final Action Date: Oct 2, 2020 | [Approved](#)

**AWS (American Welding Society)**

- ▶ ANSI/AWS D18.1/D18.1M-2020, Specification for Welding of Austenitic Stainless Steel Tube and Pipe Systems in Sanitary (Hygienic) Applications (new standard)  
PINS Date: Mar 13, 2015 | Public Review Date: Dec 27, 2019 | Final Action Date: Mar 5, 2020 | [Approved](#)
- ▶ ANSI/AWS D18.2-2020, Guide to Weld Discoloration Levels on Inside of Austenitic Stainless Steel Tube (new standard)  
PINS Date: Mar 13, 2015 | Public Review Date: Dec 27, 2019 | Final Action Date: Mar 5, 2020 | [Approved](#)
- ▶ ANSI/AWS D18.3/D18.3M-2015, Specification for Welding of Tanks, Vessels, and Other Equipment in Sanitary (Hygienic) Applications (revision of ANSI/AWS D18.3/D18.3M-2005)  
PINS Date: Nov 8, 2013 | Public Review Date: Jul 3, 2015 | Final Action Date: Aug 20, 2015 | [Approved](#)
- ▶ ANSI/AWS D20.1/D20.1M-2019, Specification for Fabrication of Metal Components using Additive Manufacturing (new standard)  
PINS Date: Jun 13, 2014 | Public Review Date: Oct 26, 2018 | Final Action Date: Dec 17, 2018 | [Approved](#)
- ▶ ANSI/AWS D3.6M-2017, Underwater Welding Code (revision of ANSI/AWS D3.6M-2010)  
PINS Date: Aug 15, 2014 | Public Review Date: Oct 21, 2016 | Final Action Date: Jan 10, 2017 | [Approved](#)
- ▶ ANSI/AWS D3.9/D3.9M-2019, Specification for Classification of Weld-Through Paint Primers (revision and redesignation of ANSI/AWS D3.9-2010)  
PINS Date: Apr 3, 2015 | Public Review Date: Mar 8, 2019 | Final Action Date: May 14, 2019 | [Approved](#)
- ▶ ANSI/AWS D8.10M-2021, Specification for Automotive Weld Quality - Laser Beam Welding of Steel (new standard)  
PINS Date: Sep 16, 2016 | Public Review Date: Jul 17, 2020 | Final Action Date: Sep 8, 2020 | [Approved](#)
- ▶ ANSI/AWS D8.14M-2017, Specification for Automotive Weld Quality - Arc Welding of Aluminum (revision of ANSI/AWS D8.14M-2008)  
PINS Date: Jan 30, 2015 | Public Review Date: Jun 23, 2017 | Final Action Date: Aug 18, 2017 | [Approved](#)
- ▶ ANSI/AWS D8.1M-2021, Specification for Automotive Weld Quality Resistance Spot Welding of Steel (revision of ANSI/AWS D8.1M-2013)  
PINS Date: Feb 3, 2017 | Public Review Date: Jul 31, 2020 | Final Action Date: May 5, 2021 | [Approved](#)
- ▶ ANSI/AWS D8.2M-2017, Specification for Automotive Weld Quality - Resistance Spot Welding of Aluminum (new standard)  
PINS Date: Jan 28, 2005 | Public Review Date: Jan 20, 2017 | Final Action Date: Mar 9, 2017 | [Approved](#)
- ▶ ANSI/AWS D8.8M-2020, Specification for Automotive Weld Quality - Arc Welding of Steel (revision of ANSI/AWS D8.8M-2014)  
PINS Date: Sep 23, 2016 | Public Review Date: Jul 17, 2020 | Final Action Date: Sep 10, 2020 | [Approved](#)
- ▶ ANSI/AWS D8.9M-2022, Test Methods for Evaluating the Resistance Spot Welding Behavior of Automotive Sheet Steel Materials (revision of ANSI/AWS D8.9M-2012)  
PINS Date: Sep 23, 2016 | Public Review Date: May 28, 2021 | Final Action Date: Nov 11, 2021 | [Approved](#)
- ▶ ANSI/AWS D9.1M/D9.1-2018, Sheet Metal Welding Code (revision of ANSI/AWS D9.1M/D9.1-2012)  
PINS Date: Mar 15, 2013 | Public Review Date: May 12, 2017 | Final Action Date: Sep 29, 2017 | [Approved](#)
- ▶ ANSI/AWS F1.1M-2017, Methods for Sampling Fumes and Gases Generated by Welding and Allied Processes (new standard)  
PINS Date: Jul 3, 2009 | Public Review Date: Aug 11, 2017 | Final Action Date: Sep 29, 2017 | [Approved](#)
- ▶ ANSI/AWS F1.2-2013, Laboratory Method for Measuring Fume Generation Rates and Total Fume Emission of Welding and Allied Processes (revision of ANSI/AWS F1.2-2006)  
PINS Date: Sep 14, 2012 | Public Review Date: Oct 5, 2012 | Final Action Date: Feb 25, 2013 | [Approved](#)

**AWS (American Welding Society)**

- ▶ ANSI/AWS F1.6-2017, Guide for Estimating Welding Emissions for EPA and Ventilation Permit Reporting (new standard)  
PINS Date: Apr 4, 2008 | Public Review Date: Mar 31, 2017 | Final Action Date: Aug 18, 2017 | [Approved](#)

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- ▶ ANSI/AWS F2.2-2001 (R2019), Lens Shade Selector (reaffirmation of ANSI/AWS F2.2-2001 (R2009))  
PINS Date: May 26, 2017 | Public Review Date: Mar 29, 2019 | Final Action Date: Jun 11, 2019 | [Approved](#)

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- ▶ ANSI/AWS F2.3M-2019, Specification for Use and Performance of Transparent Welding Curtains and Screens (revision of ANSI/AWS F2.3M-2011)  
PINS Date: May 26, 2017 | Public Review Date: Jan 25, 2019 | Final Action Date: Apr 10, 2019 | [Approved](#)

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- ▶ ANSI/AWS F3.2-2018, Ventilation Guide for Weld Fume (new standard)  
PINS Date: Nov 5, 2004 | Public Review Date: Jul 21, 2017 | Final Action Date: Dec 14, 2017 | [Approved](#)

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- ▶ ANSI/AWS F4.1-2017, Safe Practices for the Preparation of Containers and Piping for Welding, Cutting, and Allied Processes (revision of ANSI/AWS F4.1-2007)  
PINS Date: Aug 12, 2016 | Public Review Date: Apr 14, 2017 | Final Action Date: Aug 3, 2017 | [Approved](#)

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- ▶ ANSI/AWS F4.2-2019, Safety Guidelines for Proper Selection of Welding Cables (new standard)  
PINS Date: Oct 4, 2013 | Public Review Date: Aug 30, 2019 | Final Action Date: Nov 4, 2019 | [Approved](#)

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- ▶ ANSI/AWS G1.10M:2016, Guide for the Evaluation of Thermoplastic Welds (new standard)  
PINS Date: Apr 15, 2005 | Public Review Date: Jan 22, 2016 | Final Action Date: Apr 21, 2016 | [Approved](#)

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- ▶ ANSI/AWS G1.6-2022, Specification for the Training, Qualification, and Company Certification of Thermoplastic Welding Inspector Specialists and Thermoplastic Welding Inspector Assistants (new standard)  
PINS Date: Aug 12, 2016 | Public Review Date: Feb 26, 2021 | Final Action Date: Dec 7, 2021 | [Approved](#)

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- ▶ ANSI/AWS G2.3M/G2.3-2018, Guide for the Joining of Solid Solution Austenitic Stainless Steels (revision of ANSI/AWS G2.3M/G2.3-2012)  
PINS Date: Oct 9, 2015 | Public Review Date: Jun 29, 2018 | Final Action Date: Aug 16, 2018 | [Approved](#)

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- ▶ ANSI/AWS G2.4/G2.4M-2021, Guide for the Fusion Welding of Titanium and Titanium Alloys (revision of ANSI/AWS G2.4/G2.4M-2014)  
PINS Date: Aug 18, 2017 | Public Review Date: Feb 12, 2021 | Final Action Date: May 20, 2021 | [Approved](#)

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- ▶ ANSI/AWS J1.1/J1.1M-2013, Specification for Resistance Welding Controls (new standard)  
PINS Date: Dec 25, 2009 | Public Review Date: Apr 26, 2013 | Final Action Date: Jul 29, 2013 | [Approved](#)

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- ▶ ANSI/AWS J1.2M/J1.2-2016, Guide for Installation and Maintenance of Resistance Welding Machines (new standard)  
PINS Date: Oct 3, 2014 | Public Review Date: Jul 10, 2015 | Final Action Date: Aug 4, 2016 | [Approved](#)

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- ▶ ANSI/AWS J1.3/J1.3M-2020-AMD1, Specification for Materials Used in Resistance Welding Electrodes and Tooling (revision and redesignation of ANSI/AWS J1.3M/J1.3-2020)  
PINS Date: May 29, 2020 | Public Review Date: Jul 3, 2020 | Final Action Date: Aug 24, 2020 | [Approved](#)

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- ▶ ANSI/AWS NAVSEA B2.1-1-303-2020, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1 -1/2 inch [38 mm] Thick, MIL-70S-2 and MIL-7018-M, in the As-Welded or PWHT Condition, Primarily Plate and Structural Naval Applications (new standard)  
PINS Date: Jul 13, 2018 | Public Review Date: Mar 15, 2019 | Final Action Date: Mar 16, 2020 | [Approved](#)

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- ▶ ANSI/AWS NAVSEA B2.1-1-313-2020, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1 -1/2 inch [38 mm] Thick, MIL-70S-2 and MIL-7018-M, in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (new standard)  
PINS Date: Jul 13, 2018 | Public Review Date: Mar 15, 2019 | Final Action Date: Mar 16, 2020 | [Approved](#)

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**AWS (American Welding Society)**

- ▶ ANSI/AWS NAVSEA B2.1-1/8-323-2020, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding of Carbon Steel (S-1) to Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-309, ER309L, in the As-Welded Condition, Primarily Pipe for Naval Applications (new standard)

PINS Date: Jun 29, 2018 | Public Review Date: Mar 15, 2019 | Final Action Date: Mar 16, 2020 | [Approved](#)

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- ▶ ANSI/AWS NAVSEA B2.1-1/8-324-2020, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Shielded Metal Arc Welding of Carbon Steel (S-1) to Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-309-XX, MIL-309L-XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (new standard)

PINS Date: Jun 29, 2018 | Public Review Date: Mar 15, 2019 | Final Action Date: Mar 16, 2020 | [Approved](#)

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- ▶ ANSI/AWS NAVSEA B2.1-1/8-325-2020, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (S-1) to Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-309/ER309L and MIL-309-XX/MIL-309L-XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (new standard)

PINS Date: Jun 29, 2018 | Public Review Date: Mar 15, 2019 | Final Action Date: Mar 16, 2020 | [Approved](#)

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- ▶ ANSI/AWS NAVSEA B2.1-8-310-2020, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX and MIL-3XX-XX, in the As-Welded Condition, Primarily Plate and Structural Naval Applications (new standard)

PINS Date: Jul 13, 2018 | Public Review Date: Mar 15, 2019 | Final Action Date: Mar 16, 2020 | [Approved](#)

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- ▶ ANSI/AWS NAVSEA B2.1-8-320-2020, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX and MIL-3XX-XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (new standard)

PINS Date: Jul 13, 2018 | Public Review Date: Mar 15, 2019 | Final Action Date: Mar 16, 2020 | [Approved](#)

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- ▶ ANSI/AWS-NAVSEA B2.1-1-301-2018, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70S-2, in the As-Welded or PWHT Condition, Primarily Plate and Structural Naval Applications (new standard)

PINS Date: Nov 13, 2015 | Public Review Date: Aug 18, 2017 | Final Action Date: Feb 16, 2018 | [Approved](#)

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- ▶ ANSI/AWS-NAVSEA B2.1-1-302-2015, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Shielded Metal Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-7018-M, in the As-Welded or PWHT Condition, Primarily Plate and Structural Naval Applications (new standard)

Public Review Date: Sep 4, 2015 | Final Action Date: Nov 10, 2015 | [Approved](#)

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- ▶ ANSI/AWS-NAVSEA B2.1-1-304-2017, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70T-1 and MIL-71T-1, in the As-Welded Condition, Primarily Plate and Structural Naval Applications (new standard)

PINS Date: Feb 5, 2016 | Public Review Date: Sep 1, 2017 | Final Action Date: Dec 19, 2017 | [Approved](#)

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- ▶ ANSI/AWS-NAVSEA B2.1-1-305-2017, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for 75% Argon Plus 25% Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70T-1 and MIL-71T-1, in the As-Welded or PWHT Condition, Primarily Plate and Structural Naval Applications (new standard)

PINS Date: Feb 5, 2016 | Public Review Date: Sep 1, 2017 | Final Action Date: Dec 19, 2017 | [Approved](#)

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- ▶ ANSI/AWS-NAVSEA B2.1-1-311-2018, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70S-2, in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (new standard)

PINS Date: Nov 13, 2015 | Public Review Date: Aug 18, 2017 | Final Action Date: Feb 16, 2018 | [Approved](#)

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**AWS (American Welding Society)**

- ▶ ANSI/AWS-NAVSEA B2.1-1-312-2015, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Shielded Metal Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-7018-M, in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (new standard)  
Public Review Date: Sep 4, 2015 | Final Action Date: Nov 10, 2015 | [Approved](#)
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- ▶ ANSI/AWS-NAVSEA B2.1-1-314-2018, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding with Consumable Insert Root of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-MS-1 and MIL-70S-2, in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (new standard)  
PINS Date: Jul 8, 2016 | Public Review Date: Jun 1, 2018 | Final Action Date: Aug 3, 2018 | [Approved](#)
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- ▶ ANSI/AWS-NAVSEA B2.1-1-315-2018, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding with Consumable Insert Root followed by Shielded Metal Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-MS-1 MIL-70S-2, and MIL-7018-M in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (new standard)  
PINS Date: Jul 8, 2016 | Public Review Date: Jun 1, 2018 | Final Action Date: Aug 3, 2018 | [Approved](#)
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- ▶ ANSI/AWS-NAVSEA B2.1-1-316-2017, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Argon Plus 2% Oxygen Shielded Gas Metal Arc Welding (Spray Transfer Mode) of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70S-3, in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (new standard)  
PINS Date: Feb 5, 2016 | Public Review Date: Sep 1, 2017 | Final Action Date: Dec 19, 2017 | [Approved](#)
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- ▶ ANSI/AWS-NAVSEA B2.1-1-317-2017, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for 75% Argon Plus 25% Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-70T-1 and MIL-71T-1, in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (new standard)  
PINS Date: Feb 5, 2016 | Public Review Date: Sep 1, 2017 | Final Action Date: Dec 19, 2017 | [Approved](#)
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- ▶ ANSI/AWS-NAVSEA B2.1-8-309-2018, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Shielded Metal Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX-XX, in the As-Welded Condition, Primarily Plate and Structural Naval Applications (new standard)  
PINS Date: Nov 13, 2015 | Public Review Date: Aug 18, 2017 | Final Action Date: Feb 16, 2018 | [Approved](#)
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- ▶ ANSI/AWS-NAVSEA B2.1-8-319-2018, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Shielded Metal Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX-XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (new standard)  
PINS Date: Nov 13, 2015 | Public Review Date: Aug 18, 2017 | Final Action Date: Feb 16, 2018 | [Approved](#)
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- ▶ ANSI/AWS-NAVSEA B2.1-8-321-2018, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding with Consumable Insert Root of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (new standard)  
PINS Date: Jul 8, 2016 | Public Review Date: Jun 1, 2018 | Final Action Date: Aug 3, 2018 | [Approved](#)
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- ▶ ANSI/AWS-NAVSEA B2.1-8-322-2018, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding with Consumable Insert Root Followed by Shielded Metal Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX and MIL-3XX-XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (new standard)  
PINS Date: Jul 8, 2016 | Public Review Date: Jun 1, 2018 | Final Action Date: Aug 3, 2018 | [Approved](#)
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- ▶ ANSI/AWS-NAVSEA B2.1-8-308-2016, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX, in the As-Welded Condition, Primarily Plate and Structural Naval Applications (new standard)  
PINS Date: May 30, 2014 | Public Review Date: Nov 20, 2015 | Final Action Date: Jan 26, 2016 | [Approved](#)
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**AWS (American Welding Society)**

- ▶ ANSI/AWS/NAVSEA B2.1-8-318-2016, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (new standard)  
PINS Date: May 30, 2014 | Public Review Date: Nov 20, 2015 | Final Action Date: Jan 26, 2016 | [Approved](#)
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**AWS (ASC Z49) (American Welding Society)**

8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 | w: [www.aws.org](http://www.aws.org)

- ▶ ANSI/AWS Z49.1-2021, Safety in Welding, Cutting and Allied Processes (revision of ANSI/AWS Z49.1-2012)  
PINS Date: Sep 30, 2016 | Public Review Date: Apr 30, 2021 | Final Action Date: Jul 2, 2021 | [Approved](#)
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**AWWA (American Water Works Association)**

6666 W. Quincy Avenue, Denver, CO 80235 | w: [www.awwa.org](http://www.awwa.org)

- ▶ ANSI/AWWA A100-2020, Water Wells (revision of ANSI/AWWA A100-2015)  
PINS Date: Jan 22, 2016 | Public Review Date: Nov 29, 2019 | Final Action Date: Feb 6, 2020 | [Approved](#)
- ▶ ANSI/AWWA B100-2015, Granular Filter Material (revision of ANSI/AWWA B100-2009)  
PINS Date: May 25, 2012 | Public Review Date: Aug 28, 2015 | Final Action Date: Dec 10, 2015 | [Approved](#)
- ▶ ANSI/AWWA B100a-2017, Addendum to B100-16, Granular Filter Material (supplement to ANSI/AWWA B100-2015)  
PINS Date: Jun 30, 2017 | Public Review Date: Sep 29, 2017 | Final Action Date: Nov 3, 2017 | [Approved](#)
- ▶ ANSI/AWWA B101-2022, Precoat Filter Media (revision of ANSI/AWWA B101-2016)  
PINS Date: Sep 1, 2017 | Public Review Date: Jul 29, 2022 | Final Action Date: Sep 29, 2022 | [Approved](#)
- ▶ ANSI/AWWA B102-2014 (R2020), Manganese Greensand for Filters (reaffirmation of ANSI/AWWA B102-2014)  
PINS Date: Sep 30, 2016 | Public Review Date: Dec 6, 2019 | Final Action Date: Jan 30, 2020 | [Approved](#)
- ▶ ANSI/AWWA B112-2019, Microfiltration and Ultrafiltration Membrane Systems (revision of ANSI/AWWA B112-2015)  
PINS Date: Sep 30, 2016 | Public Review Date: Nov 30, 2018 | Final Action Date: Feb 1, 2019 | [Approved](#)
- ▶ ANSI/AWWA B114-2022, Reverse Osmosis and Nanofiltration Systems for Water Treatment (revision of ANSI/AWWA B114-2015)  
PINS Date: Sep 1, 2017 | Public Review Date: Dec 17, 2021 | Final Action Date: Apr 14, 2022 | [Approved](#)
- ▶ ANSI/AWWA B116-2019, Electrodialysis and Ion-Exchange Membrane Systems (revision of ANSI/AWWA B116-2014)  
PINS Date: Sep 30, 2016 | Public Review Date: Jan 18, 2019 | Final Action Date: May 10, 2019 | [Approved](#)
- ▶ ANSI/AWWA B130-2017, Membrane Bioreactor Systems (revision of ANSI/AWWA B130-2013)  
PINS Date: Sep 12, 2014 | Public Review Date: Sep 1, 2017 | Final Action Date: Oct 25, 2017 | [Approved](#)
- ▶ ANSI/AWWA B200-2022, Sodium Chloride (revision of ANSI/AWWA B200-2017)  
PINS Date: Nov 16, 2018 | Public Review Date: Feb 11, 2022 | Final Action Date: Apr 14, 2022 | [Approved](#)
- ▶ ANSI/AWWA B201-2018, Soda Ash (revision of ANSI/AWWA B201-2013)  
PINS Date: Sep 12, 2014 | Public Review Date: Aug 3, 2018 | Final Action Date: Oct 22, 2018 | [Approved](#)
- ▶ ANSI/AWWA B202-2019, Quicklime and Hydrated Lime (revision of ANSI/AWWA B202-2013)  
PINS Date: Sep 12, 2014 | Public Review Date: Nov 2, 2018 | Final Action Date: Jan 18, 2019 | [Approved](#)
- ▶ ANSI/AWWA B300-2018, Hypochlorites (revision, redesignation and consolidation of **ANSI/AWWA B300-2010, ANSI/AWWA B300a-2011**)  
**PINS Date: May 3, 2013 | Public Review Date: Feb 23, 2018 | Final Action Date: Apr 24, 2018 | Approved**
- ▶ ANSI/AWWA B301-2017, Liquid Chlorine (revision of ANSI/AWWA B301-2010)  
PINS Date: May 25, 2012 | Public Review Date: Aug 4, 2017 | Final Action Date: Oct 11, 2017 | [Approved](#)
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**AWWA (American Water Works Association)**

- ▶ ANSI/AWWA B302-2016, Ammonium Sulfate (revision of ANSI/AWWA B302-2010)  
PINS Date: May 25, 2012 | Public Review Date: Apr 8, 2016 | Final Action Date: Jun 9, 2016 | [Approved](#)
- ▶ ANSI/AWWA B303-2017, Sodium Chlorite (revision, redesignation and consolidation of ANSI/AWWA B303-2010, ANSI/AWWA B303a-2013)  
PINS Date: May 25, 2012 | Public Review Date: Sep 22, 2017 | Final Action Date: Nov 20, 2017 | [Approved](#)
- ▶ ANSI/AWWA B304-2021, Liquid Oxygen for Ozone Generation for Water, Wastewater, and Reclaimed Water Systems (revision of ANSI/AWWA B304-2018)  
PINS Date: Jul 19, 2019 | Public Review Date: Jan 22, 2021 | Final Action Date: Mar 11, 2021 | [Approved](#)
- ▶ ANSI/AWWA B305-2023, Anhydrous Ammonia (revision of ANSI/AWWA B305-2015)  
PINS Date: Sep 30, 2016 | Public Review Date: Oct 7, 2022 | Final Action Date: Jan 19, 2023 | [Approved](#)
- ▶ ANSI/AWWA B306-2023, Aqua Ammonia (Liquid Ammonium Hydroxide) (revision of ANSI/AWWA B306-2015)  
PINS Date: Sep 30, 2016 | Public Review Date: Oct 7, 2022 | Final Action Date: Jan 19, 2023 | [Approved](#)
- ▶ ANSI/AWWA B402-2018, Ferrous Sulfate (revision of ANSI/AWWA B402-2011)  
PINS Date: May 3, 2013 | Public Review Date: Apr 13, 2018 | Final Action Date: Jun 12, 2018 | [Approved](#)
- ▶ ANSI/AWWA B403-2016, Aluminum Sulfate (revision of ANSI/AWWA B403-2009)  
PINS Date: May 25, 2012 | Public Review Date: Feb 5, 2016 | Final Action Date: Mar 31, 2016 | [Approved](#)
- ▶ ANSI/AWWA B404-2023, Liquid Sodium Silicate (revision of ANSI/AWWA B404-2014)  
PINS Date: Jan 29, 2016 | Public Review Date: Oct 7, 2022 | Final Action Date: Jan 19, 2023 | [Approved](#)
- ▶ ANSI/AWWA B405-2016, Sodium Aluminate (revision of ANSI/AWWA B405-2006)  
PINS Date: Mar 14, 2008 | Public Review Date: Mar 18, 2016 | Final Action Date: May 12, 2016 | [Approved](#)
- ▶ ANSI/AWWA B406-2020, Ferric Sulfate (revision of ANSI/AWWA B406-2014)  
PINS Date: Jan 29, 2016 | Public Review Date: Dec 6, 2019 | Final Action Date: Feb 11, 2020 | [Approved](#)
- ▶ ANSI/AWWA B407-2018, Liquid Ferric Chloride (revision, redesignation and consolidation of ANSI/AWWA B407-2012, ANSI/AWWA B407a-2017)  
PINS Date: May 3, 2013 | Public Review Date: Jun 1, 2018 | Final Action Date: Aug 3, 2018 | [Approved](#)
- ▶ ANSI/AWWA B408-2017, Liquid Polyaluminum Chloride (revision of ANSI/AWWA B408-2010)  
PINS Date: May 25, 2012 | Public Review Date: Aug 4, 2017 | Final Action Date: Sep 28, 2017 | [Approved](#)
- ▶ ANSI/AWWA B451-2023, Poly(Diallyldimethyl-ammonium Chloride) (revision of ANSI/AWWA B451-2016)  
PINS Date: Sep 1, 2017 | Public Review Date: Nov 25, 2022 | Final Action Date: Jan 19, 2023 | [Approved](#)
- ▶ ANSI/AWWA B452-2020, EPI-DMA Polyamines (revision of ANSI/AWWA B452-2014)  
PINS Date: Jan 29, 2016 | Public Review Date: Dec 6, 2019 | Final Action Date: Feb 11, 2020 | [Approved](#)
- ▶ ANSI/AWWA B453-2019, Polyacrylamide (revision of ANSI/AWWA B453-2013)  
PINS Date: Sep 12, 2014 | Public Review Date: Apr 19, 2019 | Final Action Date: Jul 19, 2019 | [Approved](#)
- ▶ ANSI/AWWA B501-2019, Sodium Hydroxide (Caustic Soda) (revision of ANSI/AWWA B501-2013)  
PINS Date: Sep 12, 2014 | Public Review Date: May 10, 2019 | Final Action Date: Jul 9, 2019 | [Approved](#)
- ▶ ANSI/AWWA B502-2017, Sodium Polyphosphate, Glassy (revision of ANSI/AWWA B502-2011)  
PINS Date: May 3, 2013 | Public Review Date: Apr 21, 2017 | Final Action Date: Jun 16, 2017 | [Approved](#)
- ▶ ANSI/AWWA B503-2017, Sodium Tripolyphosphate (revision of ANSI/AWWA B503-2011)  
PINS Date: May 3, 2013 | Public Review Date: Apr 21, 2017 | Final Action Date: Jun 19, 2017 | [Approved](#)

**AWWA (American Water Works Association)**

- ▶ ANSI/AWWA B504-2018, Monosodium Phosphate (revision of ANSI/AWWA B504-2012)  
PINS Date: May 3, 2013 | Public Review Date: Dec 15, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)
- ▶ ANSI/AWWA B505-2018, Disodium Phosphate, Anhydrous (revision of ANSI/AWWA B505-2012)  
PINS Date: May 3, 2013 | Public Review Date: Apr 13, 2018 | Final Action Date: Jun 12, 2018 | [Approved](#)
- ▶ ANSI/AWWA B506-2018, Zinc Orthophosphate (revision of ANSI/AWWA B506-2013)  
PINS Date: Sep 12, 2014 | Public Review Date: Jun 1, 2018 | Final Action Date: Aug 3, 2018 | [Approved](#)
- ▶ ANSI/AWWA B507-2016, Phosphoric Acid (new standard)  
PINS Date: Jul 29, 2005 | Public Review Date: Dec 4, 2015 | Final Action Date: Mar 9, 2016 | [Approved](#)
- ▶ ANSI/AWWA B510-2017, Carbon Dioxide (revision of ANSI/AWWA B510-2012)  
PINS Date: May 3, 2013 | Public Review Date: Sep 15, 2017 | Final Action Date: Nov 30, 2017 | [Approved](#)
- ▶ ANSI/AWWA B511-2017, Potassium Hydroxide (revision of ANSI/AWWA B511-2010)  
PINS Date: May 25, 2012 | Public Review Date: Aug 26, 2016 | Final Action Date: Oct 13, 2016 | [Approved](#)
- ▶ ANSI/AWWA B512-2015, Sulfur Dioxide (revision of ANSI/AWWA B512-2008)  
PINS Date: Apr 15, 2011 | Public Review Date: Dec 5, 2014 | Final Action Date: Jan 28, 2015 | [Approved](#)
- ▶ ANSI/AWWA B550-2017, Calcium Chloride (revision of ANSI/AWWA B550-2010)  
PINS Date: May 25, 2012 | Public Review Date: Aug 26, 2016 | Final Action Date: Oct 13, 2016 | [Approved](#)
- ▶ ANSI/AWWA B600-2015, Powdered Activated Carbon (revision of ANSI/AWWA B600-2010)  
PINS Date: Sep 9, 2011 | Public Review Date: Jul 17, 2015 | Final Action Date: Oct 12, 2015 | [Approved](#)
- ▶ ANSI/AWWA B601-2017, Sodium Metabisulfite (revision of ANSI/AWWA B601-2011)  
PINS Date: May 3, 2013 | Public Review Date: May 19, 2017 | Final Action Date: Jul 11, 2017 | [Approved](#)
- ▶ ANSI/AWWA B602-2017, Copper Sulfate (revision of ANSI/AWWA B602-2008)  
PINS Date: Apr 15, 2011 | Public Review Date: Dec 2, 2016 | Final Action Date: Jan 30, 2017 | [Approved](#)
- ▶ ANSI/AWWA B603-2015, Permanganates (revision of ANSI/AWWA B603-2010)  
PINS Date: May 25, 2012 | Public Review Date: Aug 14, 2015 | Final Action Date: Oct 6, 2015 | [Approved](#)
- ▶ ANSI/AWWA B604-2017, Granular Activated Carbon (revision of ANSI/AWWA B604-2012)  
PINS Date: May 3, 2013 | Public Review Date: May 26, 2017 | Final Action Date: Sep 28, 2017 | [Approved](#)
- ▶ ANSI/AWWA B605-2018, Reactivation of Granular Activated Carbon (revision of ANSI/AWWA B605-2013)  
PINS Date: Sep 12, 2014 | Public Review Date: Oct 27, 2017 | Final Action Date: Dec 19, 2017 | [Approved](#)
- ▶ ANSI/AWWA B701-2018, Sodium Fluoride (revision of ANSI/AWWA B701-2011)  
PINS Date: May 3, 2013 | Public Review Date: Oct 6, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)
- ▶ ANSI/AWWA B702-2018, Sodium Fluorosilicate (revision of ANSI/AWWA B702-2011)  
PINS Date: May 3, 2013 | Public Review Date: Dec 15, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)
- ▶ ANSI/AWWA B703-2019, Fluorosilicic Acid (revision, redesignation and consolidation of ANSI/AWWA B703-2011, ANSI/AWWA B703a-2013)  
PINS Date: May 3, 2013 | Public Review Date: Feb 15, 2019 | Final Action Date: Apr 10, 2019 | [Approved](#)
- ▶ ANSI/AWWA C104/A21.4-2022, Cement-Mortar Lining of Ductile-Iron Pipe and Fittings (revision of ANSI/AWWA C104/A21.4-2016)  
PINS Date: Sep 1, 2017 | Public Review Date: Jul 29, 2022 | Final Action Date: Oct 4, 2022 | [Approved](#)

**AWWA (American Water Works Association)**

- ▶ ANSI/AWWA C105/A21.5-2018, Polyethylene Encasement for Ductile-Iron Pipe Systems (revision of ANSI/AWWA C105/A21.5-2010)  
PINS Date: May 25, 2012 | Public Review Date: Jun 1, 2018 | Final Action Date: Sep 21, 2018 | [Approved](#)

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- ▶ ANSI/AWWA C110/A21.10-2021, Ductile-Iron and Gray-Iron Fittings (revision of ANSI/AWWA C110/A21.10-2012)  
PINS Date: May 3, 2013 | Public Review Date: Aug 20, 2021 | Final Action Date: Sep 23, 2021 | [Approved](#)

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- ▶ ANSI/AWWA C111/A21.11-2017, Rubber-Gasket Joints for Ductile Iron Pressure Pipe and Fittings (revision of ANSI/AWWA C111/A21.11-2012)  
PINS Date: May 3, 2013 | Public Review Date: Jul 29, 2016 | Final Action Date: Oct 11, 2016 | [Approved](#)

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- ▶ ANSI/AWWA C115/A21.15-2020, Flanged Ductile-Iron Pipe with Ductile-Iron or Gray-Iron Threaded Flanges (revision of ANSI/AWWA C115/A21.15-2011)  
PINS Date: May 3, 2013 | Public Review Date: Nov 1, 2019 | Final Action Date: Mar 31, 2020 | [Approved](#)

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- ▶ ANSI/AWWA C116/A21.16-2022, Protective Fusion-Bonded Coatings for the Interior and Exterior of Ductile-Iron and Gray-Iron Fittings (revision of ANSI/AWWA C116/A21.16-2015)  
PINS Date: Sep 30, 2016 | Public Review Date: May 6, 2022 | Final Action Date: Aug 11, 2022 | [Approved](#)

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- ▶ ANSI/AWWA C150/A21.50-2021, Thickness Design of Ductile-Iron Pipe (revision of ANSI/AWWA C150-A21.50-2014)  
PINS Date: Jan 29, 2016 | Public Review Date: Aug 20, 2021 | Final Action Date: Nov 12, 2021 | [Approved](#)

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- ▶ ANSI/AWWA C151/A21.51-2017, Ductile-Iron Pipe, Centrifugally Cast (revision of ANSI/AWWA C151/A21.51-2009)  
PINS Date: May 25, 2012 | Public Review Date: Dec 23, 2016 | Final Action Date: Feb 14, 2017 | [Approved](#)

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- ▶ ANSI/AWWA C153/A21.53-2019, Ductile-Iron Compact Fittings (revision of ANSI/AWWA C153/A21.53-2011)  
PINS Date: May 3, 2013 | Public Review Date: May 24, 2019 | Final Action Date: Jul 19, 2019 | [Approved](#)

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- ▶ ANSI/AWWA C200-2017, Steel Water Pipe - 6 In. (150 mm) and Larger (revision of ANSI/AWWA C200-2012)  
PINS Date: May 3, 2013 | Public Review Date: Dec 30, 2016 | Final Action Date: Feb 23, 2017 | [Approved](#)

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- ▶ ANSI/AWWA C203-2020, Coal-Tar Protective Coatings and Linings for Steel Water Pipe (revision of ANSI/AWWA C203-2015)  
PINS Date: Sep 30, 2016 | Public Review Date: Aug 21, 2020 | Final Action Date: Oct 8, 2020 | [Approved](#)

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- ▶ ANSI/AWWA C205-2017, Cement-Mortar Protective Lining and Coating for Steel Water Pipe - 4 In. (100 mm) and Larger - Shop Applied (revision of ANSI/AWWA C205-2012)  
PINS Date: May 3, 2013 | Public Review Date: Sep 1, 2017 | Final Action Date: Oct 25, 2017 | [Approved](#)

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- ▶ ANSI/AWWA C205a-2022, Addendum to C205-18, Cement-Mortar Protective Lining and Coating for Steel Water Pipe - 4 In. (100 mm) and Larger - Shop Applied (supplement to ANSI/AWWA C205-2017)  
PINS Date: Jun 17, 2022 | Public Review Date: Sep 30, 2022 | Final Action Date: Nov 3, 2022 | [Approved](#)

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- ▶ ANSI/AWWA C206-2016, Field Welding of Steel Water Pipe (revision of ANSI/AWWA C206-2011)  
PINS Date: May 3, 2013 | Public Review Date: Sep 9, 2016 | Final Action Date: Nov 1, 2016 | [Approved](#)

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- ▶ ANSI/AWWA C207-2018, Steel Pipe Flanges for Waterworks Service, Sizes 4 In. Through 144 In. (100 mm Through 3,600 mm) (revision of ANSI/AWWA C207-2013)  
PINS Date: Sep 12, 2014 | Public Review Date: Sep 29, 2017 | Final Action Date: Dec 19, 2017 | [Approved](#)

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- ▶ ANSI/AWWA C208-2022, Dimensions for Fabricated Steel Water Pipe Fittings (revision of ANSI/AWWA C208-2017)  
PINS Date: Nov 16, 2018 | Public Review Date: Aug 12, 2022 | Final Action Date: Oct 7, 2022 | [Approved](#)

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- ▶ ANSI/AWWA C209-2019, Tape Coatings for Steel Water Pipe and Fittings (revision of ANSI/AWWA C209-2013)  
PINS Date: Sep 12, 2014 | Public Review Date: May 10, 2019 | Final Action Date: Jul 9, 2019 | [Approved](#)

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**AWWA (American Water Works Association)**

- ▶ ANSI/AWWA C210-2015, Liquid-Epoxy Coatings and Linings for Steel Water Pipe and Fittings (revision of ANSI/AWWA C210-2008)  
PINS Date: Dec 4, 2009 | Public Review Date: Feb 20, 2015 | Final Action Date: Jun 3, 2015 | [Approved](#)

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- ▶ ANSI/AWWA C210a-2020, Addendum to ANSI/AWWA C210-15 (supplement to ANSI/AWWA C210-2015)  
PINS Date: Apr 3, 2020 | Public Review Date: Aug 7, 2020 | Final Action Date: Sep 14, 2020 | [Approved](#)

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- ▶ ANSI/AWWA C213-2022, Fusion-Bonded Epoxy Coatings and Linings for Steel Water Pipe and Fittings (revision of ANSI/AWWA C213-2015)  
PINS Date: Sep 30, 2016 | Public Review Date: Dec 17, 2021 | Final Action Date: Feb 4, 2022 | [Approved](#)

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- ▶ ANSI/AWWA C214-2020, Machine-Applied Polyolefin Tape Coatings for Steel Water Pipe (revision of ANSI/AWWA C214-2013)  
PINS Date: Jan 29, 2016 | Public Review Date: Sep 18, 2020 | Final Action Date: Nov 5, 2020 | [Approved](#)

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- ▶ ANSI/AWWA C215-2022, Extruded Polyolefin Coatings for Steel Water Pipe (revision of ANSI/AWWA C215-2016)  
PINS Date: Sep 1, 2017 | Public Review Date: Apr 1, 2022 | Final Action Date: May 17, 2022 | [Approved](#)

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- ▶ ANSI/AWWA C216-2022, Heat-Shrinkable Cross-Linked Polyolefin Coatings for Steel Water Pipe and Fittings (revision of ANSI/AWWA C216-2014)  
PINS Date: Sep 30, 2016 | Public Review Date: Jul 15, 2022 | Final Action Date: Sep 15, 2022 | [Approved](#)

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- ▶ ANSI/AWWA C217-2022, Microcrystalline Wax and Petrolatum Tape Coating System for Steel Water Pipe and Fittings (revision, redesignation and consolidation of ANSI/AWWA C217-2016, ANSI/AWWA C217a-2017)  
PINS Date: Sep 1, 2017 | Public Review Date: Oct 14, 2022 | Final Action Date: Dec 23, 2022 | [Approved](#)

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- ▶ ANSI/AWWA C218-2023, Liquid Coatings for Aboveground Steel Water Pipe and Fittings (revision of ANSI/AWWA C218-2016)  
PINS Date: Sep 1, 2017 | Public Review Date: Nov 25, 2022 | Final Action Date: Jan 26, 2023 | [Approved](#)

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- ▶ ANSI/AWWA C219-2017, Bolted, Sleeve-Type Couplings for Plain-End Pipe (revision of ANSI/AWWA C219-2011)  
PINS Date: May 3, 2013 | Public Review Date: Dec 30, 2016 | Final Action Date: Feb 23, 2017 | [Approved](#)

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- ▶ ANSI/AWWA C220-2017, Stainless-Steel Pipe - 1/2 In. (13 mm) and Larger (revision of ANSI/AWWA C220-2012)  
PINS Date: May 3, 2013 | Public Review Date: Feb 24, 2017 | Final Action Date: Apr 20, 2017 | [Approved](#)

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- ▶ ANSI/AWWA C221-2018, Fabricated Steel Mechanical Slip-Type Expansion Joints (revision of ANSI/AWWA C221-2012)  
PINS Date: May 3, 2013 | Public Review Date: Dec 1, 2017 | Final Action Date: Feb 14, 2018 | [Approved](#)

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- ▶ ANSI/AWWA C222-2018, Polyurethane Coatings and Linings for Steel Water Pipe and Fittings (revision, redesignation and consolidation of ANSI/AWWA C222-2008, ANSI/AWWA C222a-2009)  
PINS Date: Apr 15, 2011 | Public Review Date: Dec 1, 2017 | Final Action Date: Jan 24, 2018 | [Approved](#)

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- ▶ ANSI/AWWA C223-2019, Fabricated Steel and Stainless-Steel Tapping Sleeves (revision of ANSI/AWWA C223-2013)  
PINS Date: Jun 20, 2014 | Public Review Date: Nov 30, 2018 | Final Action Date: Feb 1, 2019 | [Approved](#)

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- ▶ ANSI/AWWA C224-2017, Nylon-11-Based Polyamide Coatings and Linings for Steel Water Pipe and Fittings (revision of ANSI/AWWA C224-2011)  
PINS Date: May 3, 2013 | Public Review Date: Oct 28, 2016 | Final Action Date: Jan 3, 2017 | [Approved](#)

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- ▶ ANSI/AWWA C225-2020, Fused Polyolefin Coatings for Steel Water Pipe (revision of ANSI/AWWA C225-2013)  
PINS Date: Jan 29, 2016 | Public Review Date: Dec 20, 2019 | Final Action Date: Feb 6, 2020 | [Approved](#)

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- ▶ ANSI/AWWA C226-2019, Stainless-Steel Fittings for Waterworks Service, Sizes 1/2 In. Through 72 In. (13 mm Through 1,800 mm) (revision of ANSI/AWWA C226-2013)  
PINS Date: Sep 12, 2014 | Public Review Date: Sep 13, 2019 | Final Action Date: Nov 1, 2019 | [Approved](#)

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**AWWA (American Water Works Association)**

- ▶ ANSI/AWWA C227-2022, Bolted, Split-Sleeve Couplings (revision of ANSI/AWWA C227-2017)  
PINS Date: Nov 16, 2018 | Public Review Date: Jul 29, 2022 | Final Action Date: Sep 29, 2022 | [Approved](#)

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- ▶ ANSI/AWWA C228-2018, Stainless-Steel Pipe Flange Joints for Water Service - Sizes 2 In. Through 72 In. (50 mm Through 1,800 mm) (revision of ANSI/AWWA C228-2014)  
PINS Date: Jan 29, 2016 | Public Review Date: Oct 26, 2018 | Final Action Date: Dec 17, 2018 | [Approved](#)

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- ▶ ANSI/AWWA C229-2020, Fusion-Bonded Polyethylene Coatings for Steel Water Pipe and Fittings (revision of ANSI/AWWA C229-2014)  
PINS Date: Sep 30, 2016 | Public Review Date: Jan 31, 2020 | Final Action Date: Mar 20, 2020 | [Approved](#)

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- ▶ ANSI/AWWA C230-2021, Stainless-Steel Full-Encirclement Repair and Service Connection Clamps for 2-In. Through 12-In. (5-mm Through 300-mm) Pipe (revision of ANSI/AWWA C230-2016)  
PINS Date: Sep 1, 2017 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 14, 2021 | [Approved](#)

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- ▶ ANSI/AWWA C231-2017, Field Welding of Stainless Steel Water Pipe (new standard)  
PINS Date: May 25, 2007 | Public Review Date: May 5, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/AWWA C232-2022, Viscoelastic Coatings for Steel Water Pipe and Fittings (new standard)  
PINS Date: Dec 6, 2013 | Public Review Date: Aug 5, 2022 | Final Action Date: Oct 7, 2022 | [Approved](#)

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- ▶ ANSI/AWWA C300-2022, Reinforced Concrete Pressure Pipe, Steel-Cylinder Type (revision of ANSI/AWWA C300-2016)  
PINS Date: Sep 1, 2017 | Public Review Date: Oct 15, 2021 | Final Action Date: Jan 7, 2022 | [Approved](#)

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- ▶ ANSI/AWWA C301-2014 (R2019), Prestressed Concrete Pressure Pipe, Steel-Cylinder Type (reaffirmation of ANSI/AWWA C301-2014)  
PINS Date: Jan 29, 2016 | Public Review Date: Aug 2, 2019 | Final Action Date: Sep 30, 2019 | [Approved](#)

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- ▶ ANSI/AWWA C302-2022, Reinforced Concrete Pressure Pipe, Noncylinder Type (revision of ANSI/AWWA C302-2016)  
PINS Date: Sep 1, 2017 | Public Review Date: Oct 15, 2021 | Final Action Date: Jan 7, 2022 | [Approved](#)

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- ▶ ANSI/AWWA C303-2017, Concrete Pressure Pipe, Bar-Wrapped, Steel-Cylinder Type (revision of ANSI/AWWA C303-2008)  
PINS Date: Jul 23, 2010 | Public Review Date: Oct 28, 2016 | Final Action Date: Jan 3, 2017 | [Approved](#)

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- ▶ ANSI/AWWA C304-2014 (R2019), Design of Prestressed Concrete Cylinder Pipe (reaffirmation of ANSI/AWWA C304-2014)  
PINS Date: Jan 29, 2016 | Public Review Date: Aug 2, 2019 | Final Action Date: Sep 30, 2019 | [Approved](#)

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- ▶ ANSI/AWWA C305-2018, CFRP Renewal and Strengthening of PCCP (new standard)  
PINS Date: Apr 22, 2011 | Public Review Date: Mar 9, 2018 | Final Action Date: Aug 23, 2018 | [Approved](#)

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- ▶ ANSI/AWWA C500-2019, Metal-Seated Gate Valves for Water Supply Service (revision of ANSI/AWWA C500-2009)  
PINS Date: Sep 9, 2011 | Public Review Date: Dec 28, 2018 | Final Action Date: Feb 22, 2019 | [Approved](#)

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- ▶ ANSI/AWWA C502-2018, Dry-Barrel Fire Hydrants (revision of ANSI/AWWA C502-2014)  
PINS Date: Jan 29, 2016 | Public Review Date: Aug 3, 2018 | Final Action Date: Sep 21, 2018 | [Approved](#)

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- ▶ ANSI/AWWA C503-2021, Wet-Barrel Fire Hydrants (revision of ANSI/AWWA C503-2018)  
PINS Date: Jul 19, 2019 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 11, 2021 | [Approved](#)

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- ▶ ANSI/AWWA C504-2015, Rubber-Seated Butterfly Valves (revision of ANSI/AWWA C504-2010)  
PINS Date: Sep 9, 2011 | Public Review Date: Mar 6, 2015 | Final Action Date: May 13, 2015 | [Approved](#)

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**AWWA (American Water Works Association)**

- ▶ ANSI/AWWA C507-2018, Ball Valves, 6 In. Through 60 In. (150 mm Through 1,500 mm) (revision of ANSI/AWWA C507-2014)  
PINS Date: Sep 30, 2016 | Public Review Date: Nov 24, 2017 | Final Action Date: Feb 14, 2018 | [Approved](#)
- ▶ ANSI/AWWA C508-2017, Swing-Check Valves for Waterworks Service, 2-In. Through 48-In. (50-mm Through 1200-mm) NPS (revision, redesignation and consolidation of ANSI/AWWA C508-2009, ANSI/AWWA C508a-2012)  
PINS Date: Sep 9, 2011 | Public Review Date: Oct 21, 2016 | Final Action Date: Jan 3, 2017 | [Approved](#)
- ▶ ANSI/AWWA C509-2023, Resilient-Seated Gate Valves for Water Supply Service (revision of ANSI/AWWA C509-2015)  
PINS Date: Sep 30, 2016 | Public Review Date: Nov 4, 2022 | Final Action Date: Jan 6, 2023 | [Approved](#)
- ▶ ANSI/AWWA C510-2017 (R2021), Double Check-Valve Backflow Prevention Assembly (reaffirmation of ANSI/AWWA C510-2017)  
PINS Date: Nov 16, 2018 | Public Review Date: Sep 24, 2021 | Final Action Date: Nov 18, 2021 | [Approved](#)
- ▶ ANSI/AWWA C511-2017 (R2021), Reduced-Pressure Principle Backflow Prevention Assembly (reaffirmation of ANSI/AWWA C511-2017)  
PINS Date: Nov 16, 2018 | Public Review Date: Sep 24, 2021 | Final Action Date: Nov 18, 2021 | [Approved](#)
- ▶ ANSI/AWWA C512-2015, Air-Release, Air/Vacuum, and Combination Air Valves for Water and Wastewater Service (revision of ANSI/AWWA C512-2007)  
PINS Date: Apr 3, 2009 | Public Review Date: May 8, 2015 | Final Action Date: Jul 6, 2015 | [Approved](#)
- ▶ ANSI/AWWA C514-2015, Air Valve and Vent Inflow Preventer Assemblies for Potable Water Distribution System and Storage Facilities (new standard)  
PINS Date: Dec 28, 2012 | Public Review Date: May 22, 2015 | Final Action Date: Jul 16, 2015 | [Approved](#)
- ▶ ANSI/AWWA C514-2020, Air Valve and Vent Inflow Preventer Assemblies for Potable Water Distribution System and Storage Facilities (new standard)  
PINS Date: Sep 30, 2016 | Public Review Date: Oct 2, 2020 | Final Action Date: Dec 17, 2020 | [Approved](#)
- ▶ ANSI/AWWA C515-2020, Reduced-Wall, Resilient-Seated Gate Valves for Water Supply Service (revision of ANSI/AWWA C515-2015)  
PINS Date: Sep 30, 2016 | Public Review Date: Jul 3, 2020 | Final Action Date: Aug 20, 2020 | [Approved](#)
- ▶ ANSI/AWWA C516-2021, Large-Diameter Rubber-Seated Butterfly Valves, Sizes 78 (2000 mm) and Larger (revision of ANSI/AWWA C516-2015)  
PINS Date: Jan 29, 2016 | Public Review Date: Nov 27, 2020 | Final Action Date: Mar 24, 2021 | [Approved](#)
- ▶ ANSI/AWWA C517-2016 (R2021), Resilient-Seated Cast-Iron Eccentric Plug Valves (reaffirmation of ANSI/AWWA C517-2016)  
PINS Date: Sep 1, 2017 | Public Review Date: Jun 18, 2021 | Final Action Date: Aug 23, 2021 | [Approved](#)
- ▶ ANSI/AWWA C518-2018, Double-Disc Swing-Check Valves for Waterworks Service, 2-In. Through 48-In. (50-mm Through 1200-mm) (revision of ANSI/AWWA C518-2013)  
PINS Date: Sep 12, 2014 | Public Review Date: Aug 24, 2018 | Final Action Date: Oct 11, 2018 | [Approved](#)
- ▶ ANSI/AWWA C519-2018, High Performance Butterfly Valves, 3 In. (80 mm) Through 60 In. (1,500 mm) (new standard)  
PINS Date: Oct 15, 2010 | Public Review Date: Mar 23, 2018 | Final Action Date: May 18, 2018 | [Approved](#)
- ▶ ANSI/AWWA C520-2019, Knife Gate Valves, Sizes 2 In. (50 mm) Through 96 In. (2,400 mm) (revision of ANSI/AWWA C520-2014)  
PINS Date: Jan 29, 2016 | Public Review Date: Nov 23, 2018 | Final Action Date: Feb 1, 2019 | [Approved](#)

**AWWA (American Water Works Association)**

- ▶ ANSI/AWWA C521-2018, Plastic Ball Valves (new standard)  
PINS Date: Nov 19, 2004 | Public Review Date: May 18, 2018 | Final Action Date: Oct 8, 2018 | [Approved](#)

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- ▶ ANSI/AWWA C522-2022, Rotary Cone Valves, 6 In. Through 60 In. (150 mm – 1,500 mm) (new standard)  
PINS Date: Dec 1, 2017 | Public Review Date: Sep 23, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)

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- ▶ ANSI/AWWA C530-2022, Pilot-Operated Control Valves (revision of ANSI/AWWA C530-2017)  
PINS Date: Nov 16, 2018 | Public Review Date: Apr 1, 2022 | Final Action Date: May 23, 2022 | [Approved](#)

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- ▶ ANSI/AWWA C541-2016 (R2021), Hydraulic and Pneumatic Cylinder and Vane-Type Actuators for Valves (reaffirmation of ANSI/AWWA C541-2016)  
PINS Date: Sep 1, 2017 | Public Review Date: Jun 25, 2021 | Final Action Date: Aug 16, 2021 | [Approved](#)

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- ▶ ANSI/AWWA C542-2016 (R2021), Electric Motor Actuators for Valves and Slide Gates (reaffirmation of ANSI/AWWA C542-2016)  
PINS Date: Sep 1, 2017 | Public Review Date: Jun 25, 2021 | Final Action Date: Aug 16, 2021 | [Approved](#)

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- ▶ ANSI/AWWA C550-2017, Protective Interior Coatings for Valves and Hydrants (revision of ANSI/AWWA C550-2013)  
PINS Date: Sep 12, 2014 | Public Review Date: Dec 30, 2016 | Final Action Date: Feb 28, 2017 | [Approved](#)

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- ▶ ANSI/AWWA C560-2021, Cast-Iron Slide Gates (revision, redesignation and consolidation of ANSI/AWWA C560-2014)  
PINS Date: Jan 23, 2015 | Public Review Date: Dec 25, 2020 | Final Action Date: Jul 1, 2021 | [Approved](#)

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- ▶ ANSI/AWWA C560a-2015, Cast Iron Slide Gates (supplement to ANSI/AWWA C560-2014)  
PINS Date: Apr 25, 2014 | Public Review Date: Sep 5, 2014 | Final Action Date: Oct 29, 2014 | [Approved](#)

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- ▶ ANSI/AWWA C561-2021, Fabricated Stainless-Steel Slide Gates (revision of ANSI/AWWA C561-2014)  
PINS Date: Oct 16, 2015 | Public Review Date: Dec 25, 2020 | Final Action Date: Jul 1, 2021 | [Approved](#)

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- ▶ ANSI/AWWA C562-2021, Fabricated Aluminum Slide Gates (revision of ANSI/AWWA C562-2014)  
PINS Date: Oct 16, 2015 | Public Review Date: Dec 25, 2020 | Final Action Date: Jul 1, 2021 | [Approved](#)

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- ▶ ANSI/AWWA C563-2021, Fabricated Composite Slide Gates (revision of ANSI/AWWA C563-2014)  
PINS Date: Oct 16, 2015 | Public Review Date: Dec 25, 2020 | Final Action Date: Jul 1, 2021 | [Approved](#)

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- ▶ ANSI/AWWA C600-2017, Installation of Ductile-Iron Mains and Their Appurtenances (revision of ANSI/AWWA C600-2010)  
PINS Date: May 25, 2012 | Public Review Date: Dec 23, 2016 | Final Action Date: Feb 14, 2017 | [Approved](#)

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- ▶ ANSI/AWWA C602-2023, Cement–Mortar Lining of Water Pipelines in Place - 4 In. (100 mm) and Larger (revision of ANSI/AWWA C602-2017)  
PINS Date: Nov 16, 2018 | Public Review Date: Nov 11, 2022 | Final Action Date: Jan 12, 2023 | [Approved](#)

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- ▶ ANSI/AWWA C604-2017, Installation of Buried Steel Water Pipe - 4 In. (100 mm) and Larger (revision of ANSI/AWWA C604-2011)  
PINS Date: May 3, 2013 | Public Review Date: Nov 11, 2016 | Final Action Date: Jan 6, 2017 | [Approved](#)

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- ▶ ANSI/AWWA C605-2021, Underground Installation of Polyvinyl Chloride (PVC) and Molecularly Oriented Polyvinyl Chloride (PVCO) Pressure Pipe and Fittings (revision of ANSI/AWWA C605-2013)  
PINS Date: Sep 12, 2014 | Public Review Date: Sep 18, 2020 | Final Action Date: Feb 5, 2021 | [Approved](#)

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- ▶ ANSI/AWWA C606-2022, Grooved and Shouldered Joints (revision of ANSI/AWWA C606-2015)  
PINS Date: Sep 30, 2016 | Public Review Date: Jul 15, 2022 | Final Action Date: Sep 15, 2022 | [Approved](#)

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**AWWA (American Water Works Association)**

- ▶ ANSI/AWWA C620-2019, Spray-In-Place Polymeric Lining for Potable Water Pipelines 4 In. (100 mm) and Larger (revision of ANSI/AWWA C620-2008 (R2017))  
PINS Date: Nov 10, 2017 | Public Review Date: Nov 23, 2018 | Final Action Date: Feb 13, 2019 | [Approved](#)
- ▶ ANSI/AWWA C621-2018, Internal Pipe Joint Seal Assemblies for Water Service (new standard)  
PINS Date: Apr 10, 2009 | Public Review Date: Apr 13, 2018 | Final Action Date: Aug 16, 2018 | [Approved](#)
- ▶ ANSI/AWWA C622-2019, Pipe Bursting of Potable Water Mains 4-In. to 36-In. (new standard)  
PINS Date: Apr 23, 2010 | Public Review Date: Jul 26, 2019 | Final Action Date: Sep 16, 2019 | [Approved](#)
- ▶ ANSI/AWWA C623-2021, Cured-in-Place Pipe (CIPP) Rehabilitation of Pressurized Potable Water Pipelines, 4 in. (100 mm) and Larger (new standard)  
PINS Date: Apr 23, 2010 | Public Review Date: Nov 5, 2021 | Final Action Date: Dec 16, 2021 | [Approved](#)
- ▶ ANSI/AWWA C651-2014, Disinfecting Water Mains (revision of ANSI/AWWA C651-2005)  
PINS Date: Mar 14, 2008 | Public Review Date: May 16, 2014 | Final Action Date: Nov 18, 2014 | [Approved](#)
- ▶ ANSI/AWWA C651a-2019, Addendum to C651-14, Disinfecting Water Mains (supplement to ANSI/AWWA C651-2014)  
PINS Date: Jul 6, 2018 | Public Review Date: Mar 15, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)
- ▶ ANSI/AWWA C652-2019, Disinfection of Water-Storage Facilities (revision of ANSI/AWWA C652-2011)  
PINS Date: May 3, 2013 | Public Review Date: Sep 20, 2019 | Final Action Date: Nov 12, 2019 | [Approved](#)
- ▶ ANSI/AWWA C653-2020, Disinfection of Water Treatment Plants (revision of ANSI/AWWA C653-2013)  
PINS Date: Sep 12, 2014 | Public Review Date: Mar 27, 2020 | Final Action Date: May 15, 2020 | [Approved](#)
- ▶ ANSI/AWWA C654-2021, Disinfection of Wells (revision of ANSI/AWWA C654-2013)  
PINS Date: Sep 12, 2014 | Public Review Date: Jun 18, 2021 | Final Action Date: Aug 23, 2021 | [Approved](#)
- ▶ ANSI/AWWA C655-2017, Field Dechlorination (revision of ANSI/AWWA C655-2009)  
PINS Date: May 25, 2012 | Public Review Date: Jul 7, 2017 | Final Action Date: Sep 1, 2017 | [Approved](#)
- ▶ ANSI/AWWA C670-2020, Online Chlorine Analyzer Operation and Maintenance (revision of ANSI/AWWA C670-2015)  
PINS Date: Sep 30, 2016 | Public Review Date: Jun 12, 2020 | Final Action Date: Aug 4, 2020 | [Approved](#)
- ▶ ANSI/AWWA C671-2021, Online Turbidimeter Operation and Maintenance (revision of ANSI/AWWA C671-2015)  
PINS Date: Sep 1, 2017 | Public Review Date: Feb 12, 2021 | Final Action Date: Apr 5, 2021 | [Approved](#)
- ▶ ANSI/AWWA C700-2020, Cold-Water Meters – Displacement Type, Metal Alloy Main Case (revision of ANSI/AWWA C700-2015)  
PINS Date: Sep 30, 2016 | Public Review Date: Nov 29, 2019 | Final Action Date: Mar 24, 2020 | [Approved](#)
- ▶ ANSI/AWWA C701-2019, Cold-Water Meters – Turbine Type, for Customer Service (revision of ANSI/AWWA C701-2015)  
PINS Date: Sep 30, 2016 | Public Review Date: Sep 27, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ ANSI/AWWA C702-2019, Cold-Water Meters – Compound Type (revision of ANSI/AWWA C702-2015)  
PINS Date: Sep 30, 2016 | Public Review Date: Sep 27, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ ANSI/AWWA C703-2019, Cold-Water Meters – Fire-Service Type (revision of ANSI/AWWA C703-2015)  
PINS Date: Sep 30, 2016 | Public Review Date: Sep 27, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ ANSI/AWWA C704-2019, Propeller-Type Meters for Waterworks Applications (revision of ANSI/AWWA C704-2015)  
PINS Date: Sep 30, 2016 | Public Review Date: Sep 27, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

**AWWA (American Water Works Association)**

- ▶ ANSI/AWWA C707-2022, Encoder-Type Remote-Registration Systems for Cold-Water Meters (revision of ANSI/AWWA C707-2010 (R2015))  
PINS Date: Sep 1, 2017 | Public Review Date: Jul 29, 2022 | Final Action Date: Oct 4, 2022 | [Approved](#)
- ▶ ANSI/AWWA C708-2019, Cold-Water Meters – Multijet Type (revision of ANSI/AWWA C708-2015)  
PINS Date: Sep 30, 2016 | Public Review Date: Sep 27, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ ANSI/AWWA C710-2020, Cold-Water Meters – Displacement Type, Plastic Main Case (revision of ANSI/AWWA C710-2015)  
PINS Date: Sep 30, 2016 | Public Review Date: Nov 29, 2019 | Final Action Date: Mar 24, 2020 | [Approved](#)
- ▶ ANSI/AWWA C712-2019, Cold-Water Meters – Singlejet Type (revision of ANSI/AWWA C712-2015)  
PINS Date: Sep 30, 2016 | Public Review Date: Sep 27, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ ANSI/AWWA C713-2019, Cold-Water Meters – Fluidic-Oscillator Type (revision of ANSI/AWWA C713-2015)  
PINS Date: Sep 30, 2016 | Public Review Date: Sep 27, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ ANSI/AWWA C714-2019, Cold Water Meters for Residential Fire Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes (revision of ANSI/AWWA C714-2013)  
PINS Date: Sep 12, 2014 | Public Review Date: Apr 12, 2019 | Final Action Date: Jun 7, 2019 | [Approved](#)
- ▶ ANSI/AWWA C715-2018 (R2022), Cold-Water Meters - Electromagnetic and Ultrasonic Type, for Revenue Applications (reaffirmation of ANSI/AWWA C715-2018)  
PINS Date: Jul 19, 2019 | Public Review Date: Sep 30, 2022 | Final Action Date: Nov 17, 2022 | [Approved](#)
- ▶ ANSI/AWWA C750-2019 (R2023), Transit-Time Flowmeters in Full Closed Conduits (reaffirmation of ANSI/AWWA C750-2019)  
PINS Date: Nov 13, 2020 | Public Review Date: Nov 4, 2022 | Final Action Date: Jan 26, 2023 | [Approved](#)
- ▶ ANSI/AWWA C751-2019 (R2023), Magnetic Inductive Flowmeters (reaffirmation of ANSI/AWWA C751-2019)  
PINS Date: Nov 13, 2020 | Public Review Date: Nov 4, 2022 | Final Action Date: Jan 26, 2023 | [Approved](#)
- ▶ ANSI/AWWA C800-2021, Underground Service Line Valves and Fittings (revision of ANSI/AWWA C800-2014)  
PINS Date: Jan 29, 2016 | Public Review Date: Apr 2, 2021 | Final Action Date: May 27, 2021 | [Approved](#)
- ▶ ANSI/AWWA C810-2017, Replacement and Flushing of Lead Service Lines (new standard)  
PINS Date: Aug 14, 2015 | Public Review Date: May 19, 2017 | Final Action Date: Sep 1, 2017 | [Approved](#)
- ▶ ANSI/AWWA C900-2022, Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings, 4 In. Through 60 In. (100 mm Through 1,500 mm) (revision of ANSI/AWWA C900-2016)  
PINS Date: Sep 1, 2017 | Public Review Date: Apr 1, 2022 | Final Action Date: May 23, 2022 | [Approved](#)
- ▶ ANSI/AWWA C901-2020, Polyethylene (PE) Pressure Pipe and Tubing, 3/4 In. (19 mm) Through 3 In. (76 mm), for Water Service (revision of ANSI/AWWA C901-2017)  
PINS Date: Nov 16, 2018 | Public Review Date: Jul 10, 2020 | Final Action Date: Sep 1, 2020 | [Approved](#)
- ▶ ANSI/AWWA C903-2021, Polyethylene-Aluminum-Polyethylene (PE-AL-PE) Composite Pressure Pipe, 12 mm (1/2 In.) Through 51 mm (2 In.), for Water Service (revision of ANSI/AWWA C903-2016)  
PINS Date: Sep 1, 2017 | Public Review Date: Jul 9, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)
- ▶ ANSI/AWWA C904-2022, Crosslinked Polyethylene (PEX) Pressure Tubing, In. Through 3 In., for Water Service (revision of ANSI/AWWA C904-2015)  
PINS Date: Sep 1, 2017 | Public Review Date: May 27, 2022 | Final Action Date: Jul 21, 2022 | [Approved](#)
- ▶ ANSI/AWWA C906-2021, Polyethylene (PE) Pressure Pipe and Fittings, 4 In. Through 65 In. (100 mm Through 1,650 mm), for Waterworks (revision of ANSI/AWWA C906-2014)  
PINS Date: Sep 30, 2016 | Public Review Date: Apr 9, 2021 | Final Action Date: Jun 15, 2021 | [Approved](#)

**AWWA (American Water Works Association)**

- ▶ ANSI/AWWA C907-2017, Injection-Molded Polyvinyl Chloride (PVC) Pressure Fittings, 4 In. Through 12 In. (100 mm Through 300 mm), for Water, Wastewater, and Reclaimed Water Service (revision of ANSI/AWWA C907-2012)  
PINS Date: May 3, 2013 | Public Review Date: Mar 10, 2017 | Final Action Date: May 4, 2017 | [Approved](#)
- ▶ ANSI/AWWA C909-2022, Molecularly Oriented Polyvinyl Chloride (PVCO) Pressure Pipe, 4 In. (100 mm) and Larger (revision of ANSI/AWWA C909-2015)  
PINS Date: Sep 1, 2017 | Public Review Date: Mar 18, 2022 | Final Action Date: May 5, 2022 | [Approved](#)
- ▶ ANSI/AWWA C950-2020, Fiberglass Pressure Pipe (revision of ANSI/AWWA C950-2013)  
PINS Date: Sep 12, 2014 | Public Review Date: Feb 14, 2020 | Final Action Date: Apr 3, 2020 | [Approved](#)
- ▶ ANSI/AWWA D100-2021, Welded Carbon Steel Tanks for Water Storage (revision of ANSI/AWWA D100-2011)  
PINS Date: May 3, 2013 | Public Review Date: Nov 27, 2020 | Final Action Date: Jan 28, 2021 | [Approved](#)
- ▶ ANSI/AWWA D102-2021, Coating Steel Water-Storage Tanks (revision of ANSI/AWWA D102-2017)  
PINS Date: Nov 16, 2018 | Public Review Date: Nov 27, 2020 | Final Action Date: Jan 19, 2021 | [Approved](#)
- ▶ ANSI/AWWA D103-2019, Factory Coated Bolted Carbon Steel Tanks for Water Storage (revision, redesignation and consolidation of ANSI/AWWA D103-2009, ANSI/AWWA D103a-2014)  
PINS Date: Jul 23, 2010 | Public Review Date: Apr 19, 2019 | Final Action Date: Jun 11, 2019 | [Approved](#)
- ▶ ANSI/AWWA D104-2017, Automatically Controlled, Impressed-Current Cathodic Protection for the Interior Submerged Surfaces of Steel Water Storage Tanks (revision of ANSI/AWWA D104-2010)  
PINS Date: May 25, 2012 | Public Review Date: May 19, 2017 | Final Action Date: Aug 3, 2017 | [Approved](#)
- ▶ ANSI/AWWA D106-2020, Sacrificial Anode Cathodic Protection Systems for the Interior Submerged Surfaces of Steel Water Storage Tanks (revision of ANSI/AWWA D106-2015)  
PINS Date: Sep 1, 2017 | Public Review Date: Dec 20, 2019 | Final Action Date: Feb 4, 2020 | [Approved](#)
- ▶ ANSI/AWWA D107-2015, Composite Elevated Tanks for Water Storage (revision of ANSI/AWWA D107-2010)  
PINS Date: May 25, 2012 | Public Review Date: Nov 6, 2015 | Final Action Date: Dec 21, 2015 | [Approved](#)
- ▶ ANSI/AWWA D108-2019, Aluminum Dome Roofs for Water Storage Facilities (revision of ANSI/AWWA D108-2010)  
PINS Date: May 25, 2012 | Public Review Date: Apr 19, 2019 | Final Action Date: Jun 11, 2019 | [Approved](#)
- ▶ ANSI/AWWA D110-2013 (R2018), Wire- and Strand-Wound, Circular, Prestressed Concrete Water Tanks (reaffirmation of ANSI/AWWA D110-2013)  
PINS Date: Sep 12, 2014 | Public Review Date: Feb 23, 2018 | Final Action Date: May 2, 2018 | [Approved](#)
- ▶ ANSI/AWWA D115-2020, Tendon-Prestressed Concrete Water Tanks (revision, redesignation and consolidation of ANSI/AWWA D115-2017, ANSI/AWWA D115a-2018)  
PINS Date: Jul 19, 2019 | Public Review Date: Nov 22, 2019 | Final Action Date: Jan 27, 2020 | [Approved](#)
- ▶ ANSI/AWWA D120-2019, Thermosetting Fiberglass-Reinforced Plastic Tanks (revision of ANSI/AWWA D120-2009)  
PINS Date: May 25, 2012 | Public Review Date: Apr 12, 2019 | Final Action Date: Jun 3, 2019 | [Approved](#)
- ▶ ANSI/AWWA D121a-2014, Bolted Aboveground Thermosetting Fiberglass-Reinforced Plastic Panel-Type Tanks for Water Storage (supplement to ANSI/AWWA D121-2012)  
PINS Date: Apr 19, 2013 | Public Review Date: Sep 27, 2013 | Final Action Date: Nov 26, 2013 | [Approved](#)
- ▶ ANSI/AWWA D130-2011 (R2019), Geomembrane Materials for Potable Water Applications (reaffirmation of ANSI/AWWA D130-2011)  
PINS Date: May 3, 2013 | Public Review Date: May 24, 2019 | Final Action Date: Jul 19, 2019 | [Approved](#)
- ▶ ANSI/AWWA E102-2017, Submersible Vertical Turbine Pumps (revision of ANSI/AWWA E102-2008)  
PINS Date: Apr 15, 2011 | Public Review Date: Dec 23, 2016 | Final Action Date: Feb 23, 2017 | [Approved](#)

**AWWA (American Water Works Association)**

- ▶ ANSI/AWWA E103-2021, Horizontal Centrifugal and Vertical Line-Shaft Pumps (revision of ANSI/AWWA E103-2015)  
PINS Date: Sep 30, 2016 | Public Review Date: Jun 18, 2021 | Final Action Date: Sep 28, 2021 | [Approved](#)

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- ▶ ANSI/AWWA E110-2022, Solids Handling Pumps For Wastewater Applications (new standard)  
PINS Date: Feb 12, 2016 | Public Review Date: Apr 29, 2022 | Final Action Date: Jun 24, 2022 | [Approved](#)

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- ▶ ANSI/AWWA E200-2018, Progressive Cavity Chemical Metering Pumps (new standard)  
PINS Date: Dec 26, 2014 | Public Review Date: Dec 1, 2017 | Final Action Date: Feb 14, 2018 | [Approved](#)

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- ▶ ANSI/AWWA F101-2019, Contact-Molded, Fiberglass-Reinforced Plastic Wash-Water Troughs and Launders (revision of ANSI/AWWA F101-2013)  
PINS Date: Sep 12, 2014 | Public Review Date: Dec 28, 2018 | Final Action Date: Feb 22, 2019 | [Approved](#)

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- ▶ ANSI/AWWA F102-2019, Match-Die-Molded, Fiberglass-Reinforced Plastic Weir Plates, Scum Baffles, and Mounting Brackets (revision of ANSI/AWWA F102-2013)  
PINS Date: Sep 12, 2014 | Public Review Date: Nov 16, 2018 | Final Action Date: Feb 1, 2019 | [Approved](#)

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- ▶ ANSI/AWWA F110-2022, Ultraviolet Disinfection Systems for Drinking Water (revision of ANSI/AWWA F110-2016)  
PINS Date: Sep 1, 2017 | Public Review Date: May 20, 2022 | Final Action Date: Aug 18, 2022 | [Approved](#)

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- ▶ ANSI/AWWA F120-2018, Ozone Systems for Water (new standard)  
PINS Date: Apr 16, 2004 | Public Review Date: Dec 29, 2017 | Final Action Date: Mar 16, 2018 | [Approved](#)

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- ▶ ANSI/AWWA F130-2022, Aeration Systems for Biological Wastewater Treatment (new standard)  
PINS Date: Apr 29, 2016 | Public Review Date: May 13, 2022 | Final Action Date: Jul 21, 2022 | [Approved](#)

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- ▶ ANSI/AWWA G100-2017, Water Treatment Plant Operation and Management (revision of ANSI/AWWA G100-2011)  
PINS Date: May 3, 2013 | Public Review Date: Dec 23, 2016 | Final Action Date: Apr 27, 2017 | [Approved](#)

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- ▶ ANSI/AWWA G200-2021, Distribution Systems Operation & Management (revision of ANSI/AWWA G200-2015)  
PINS Date: Sep 30, 2016 | Public Review Date: May 14, 2021 | Final Action Date: Jul 12, 2021 | [Approved](#)

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- ▶ ANSI/AWWA G300-2022, Source Water Protection (revision of ANSI/AWWA G300-2014)  
PINS Date: Jan 29, 2016 | Public Review Date: Jan 28, 2022 | Final Action Date: Apr 12, 2022 | [Approved](#)

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- ▶ ANSI/AWWA G400-2018, Utility Management Systems (revision of ANSI/AWWA G400-2009)  
PINS Date: May 25, 2012 | Public Review Date: Dec 22, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI/AWWA G410-2018, Business Practices for Operation and Management (revision of ANSI/AWWA G410-2009)  
PINS Date: May 25, 2012 | Public Review Date: May 25, 2018 | Final Action Date: Oct 5, 2018 | [Approved](#)

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- ▶ ANSI/AWWA G420-2017, Communication and Customer Relations (revision of ANSI/AWWA G420-2009)  
PINS Date: May 25, 2012 | Public Review Date: Dec 30, 2016 | Final Action Date: Mar 27, 2017 | [Approved](#)

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- ▶ ANSI/AWWA G430-2014 (R2020), Security Practices for Operations and Management (reaffirmation of ANSI/AWWA G430-2014)  
Public Review Date: Jun 12, 2020 | Final Action Date: Aug 4, 2020 | [Approved](#)

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- ▶ ANSI/AWWA G440-2022, Emergency Preparedness Practices (revision of ANSI/AWWA G440-2017)  
PINS Date: Nov 16, 2018 | Public Review Date: Jun 17, 2022 | Final Action Date: Aug 18, 2022 | [Approved](#)

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- ▶ ANSI/AWWA G480-2020, Water Conservation and Efficiency Program Operation and Management (revision of ANSI/AWWA G480-2013)  
PINS Date: Sep 12, 2014 | Public Review Date: Jul 10, 2020 | Final Action Date: Aug 14, 2020 | [Approved](#)

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**AWWA (American Water Works Association)**

- ▶ ANSI/AWWA G481-2014 (R2020), Reclaimed Water Program Operation and Management (reaffirmation of ANSI/AWWA G481-2014)  
PINS Date: Jan 29, 2016 | Public Review Date: Oct 2, 2020 | Final Action Date: Dec 3, 2020 | [Approved](#)
- ▶ ANSI/AWWA G485-2020, Potable Reuse Program Operation and Management (revision of ANSI/AWWA G485-2018)  
PINS Date: Jul 19, 2019 | Public Review Date: Aug 21, 2020 | Final Action Date: Oct 29, 2020 | [Approved](#)
- ▶ ANSI/AWWA G510-2021, Wastewater Treatment Plant Operation and Management (revision of ANSI/AWWA G510 -2013)  
PINS Date: Sep 12, 2014 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 11, 2021 | [Approved](#)
- ▶ ANSI/AWWA G520-2017, Wastewater Collection System Operation and Management (new standard)  
PINS Date: Sep 24, 1999 | Public Review Date: Dec 30, 2016 | Final Action Date: Mar 2, 2017 | [Approved](#)
- ▶ ANSI/AWWA G560-2022, Stormwater Management for Water Utilities (new standard)  
PINS Date: Aug 14, 2015 | Public Review Date: Nov 12, 2021 | Final Action Date: Jan 7, 2022 | [Approved](#)
- ▶ ANSI/AWWA J100-2020, Risk and Resilience Management of Water and Wastewater Systems (revision of ANSI/AWWA J100-2010 (R2013))  
PINS Date: Sep 12, 2014 | Public Review Date: Oct 16, 2020 | Final Action Date: Dec 3, 2020 | [Approved](#)

**B11 (B11 Standards, Inc.)**

PO Box 690905, Houston, TX 77269-0905 | w: <https://www.b11standards.org/>

- ▶ ANSI B11.0-2020, Safety of Machinery (revision of ANSI B11.0-2015)  
PINS Date: Apr 7, 2017 | Public Review Date: Jul 12, 2019 | Final Action Date: Dec 16, 2019 | [Approved](#)
- ▶ ANSI B11.1-2009 (R2020), Safety Requirements for Mechanical Power Presses (reaffirmation of ANSI B11.1-2009 (R2014))  
PINS Date: Aug 23, 2019 | Public Review Date: Feb 28, 2020 | Final Action Date: May 8, 2020 | [Approved](#)
- ▶ ANSI B11.10-2003 (R2020), Safety Requirements for Metal Sawing Machines (reaffirmation of ANSI B11.10-2003 (R2015))  
Public Review Date: Feb 28, 2020 | Final Action Date: May 8, 2020 | [Approved](#)
- ▶ ANSI B11.12-2005 (R2020), Safety Requirements for Roll Forming & Roll Bending Machines (reaffirmation of ANSI B11.12-2005 (R2015))  
PINS Date: Aug 23, 2019 | Public Review Date: Feb 28, 2020 | Final Action Date: May 7, 2020 | [Approved](#)
- ▶ ANSI B11.13-2020, Safety Requirements for Single-spindle or Multiple-spindle Automatic Bar and Chucking Machines (revision of ANSI B11.13-1992 (R2020))  
Public Review Date: Jul 10, 2020 | Final Action Date: Sep 18, 2020 | [Approved](#)
- ▶ ANSI B11.16 (MPIF 47)-2003 (R2020), Safety Requirements for Powder / Metal Compacting Presses (reaffirmation and redesignation of ANSI B11.16-2014)  
Public Review Date: Jul 19, 2019 | Final Action Date: Jan 6, 2020 | [Approved](#)
- ▶ ANSI B11.17-2004 (R2015), Safety Requirements for Horizontal Hydraulic Extrusion Presses (reaffirmation of ANSI B11.17-2004 (R2009))  
Public Review Date: Feb 21, 2014 | Final Action Date: Jul 14, 2015 | [Approved](#)
- ▶ ANSI B11.18-1997 (R2020), Safety Requirements for Machines Processing or Slitting Coiled or Non-coiled Metal (reaffirmation of ANSI B11.18-1997 (R2012))  
Public Review Date: Feb 28, 2020 | Final Action Date: May 8, 2020 | [Approved](#)

**B11 (B11 Standards, Inc.)**

- ▶ ANSI B11.2-2013 (R2020), Safety Requirements for Hydraulic and Pneumatic Power Presses (reaffirmation of ANSI B11.2-2013)

PINS Date: Aug 4, 2017 | Public Review Date: Feb 28, 2020 | Final Action Date: May 8, 2020 | [Approved](#)

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- ▶ ANSI B11.20-2017, Safety Requirements for Integrated Manufacturing Systems (revision of ANSI B11.20-2004 (R2015))

PINS Date: Aug 8, 2014 | Public Review Date: Jun 16, 2017 | Final Action Date: Sep 12, 2017 | [Approved](#)

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- ▶ ANSI B11.21-2006 (R2020), Safety Requirements for Machine Tools Using Lasers for Processing Materials (reaffirmation of ANSI B11.21-2006 (R2012))

Public Review Date: Feb 28, 2020 | Final Action Date: May 7, 2020 | [Approved](#)

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- ▶ ANSI B11.22-2001 (R2020), Safety Requirements for Turning Centers &Automatic Numerically Controlled Turning Machines (reaffirmation of ANSI B11.22-2001 (R2012))

PINS Date: Feb 18, 2011 | Public Review Date: Feb 28, 2020 | Final Action Date: May 8, 2020 | [Approved](#)

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- ▶ ANSI B11.23-2001 (R2020), Safety Requirements for Machining Centers and Automatic Numerically Controlled Milling, Drilling and Boring Machines (reaffirmation of ANSI B11.23-2001 (R2012))

PINS Date: Feb 18, 2011 | Public Review Date: Feb 28, 2020 | Final Action Date: May 8, 2020 | [Approved](#)

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- ▶ ANSI B11.24-2001 (R2020), Safety Requirements for Transfer Machines (reaffirmation of ANSI B11.24-2001 (R2012))

PINS Date: Feb 18, 2011 | Public Review Date: Feb 28, 2020 | Final Action Date: May 7, 2020 | [Approved](#)

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- ▶ ANSI B11.26-2018, Functional Safety for Equipment (Electrical/Fluid Power Control Systems) – Application of ISO 13849 - General Principles for Design (new standard)

PINS Date: Sep 14, 2012 | Public Review Date: Jun 22, 2018 | Final Action Date: Nov 27, 2018 | [Approved](#)

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- ▶ ANSI B11.27-2020, Safety Requirements for Electro-Discharge Machines (new standard)

PINS Date: Mar 3, 2017 | Public Review Date: May 22, 2020 | Final Action Date: Jul 7, 2020 | [Approved](#)

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- ▶ ANSI B11.4-2003 (R2020), Safety Requirements for Shears (reaffirmation of ANSI B11.4-2003 (R2013))

Public Review Date: Feb 28, 2020 | Final Action Date: May 8, 2020 | [Approved](#)

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- ▶ ANSI B11.5-1988 (R2020), Ironworkers - Safety Requirements for Construction, Care, and Use (reaffirmation of ANSI B11.5-1988 (R2013))

Public Review Date: Feb 28, 2020 | Final Action Date: May 8, 2020 | [Approved](#)

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- ▶ ANSI B11.6-2022, Safety Requirements for Manual Turning Machines (Lathes) with or without Automatic Control (revision of ANSI B11.6-2001 (R2020))

PINS Date: Feb 18, 2011 | Public Review Date: Jan 21, 2022 | Final Action Date: Mar 8, 2022 | [Approved](#)

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- ▶ ANSI B11.7-2020, Cold Headers and Cold Formers - Safety Requirements for Construction, Care, and Use (revision of ANSI B11.7-1995 (R2020))

PINS Date: Apr 7, 2006 | Public Review Date: Jun 26, 2020 | Final Action Date: Sep 8, 2020 | [Approved](#)

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- ▶ ANSI B11.8-2021, Safety Requirements for Manual Milling, Drilling and Boring Machines with or without Automatic Control (revision of ANSI B11.8-2001 (R2020))

PINS Date: Feb 18, 2011 | Public Review Date: Jan 29, 2021 | Final Action Date: May 24, 2021 | [Approved](#)

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- ▶ ANSI B11.9-2010 (R2020), Safety Requirements for Grinding Machines (reaffirmation of ANSI B11.9-2010 (R2015))

PINS Date: Aug 23, 2019 | Public Review Date: Feb 28, 2020 | Final Action Date: May 8, 2020 | [Approved](#)

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- ▶ ANSI/B11.15-2022, Safety Requirements for Bar, Pipe, Tube, and Shape Bending Machines (revision of ANSI B11.15-2001 (R2020))

PINS Date: Feb 18, 2011 | Public Review Date: Nov 5, 2021 | Final Action Date: Jan 7, 2022 | [Approved](#)

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**B11 (B11 Standards, Inc.)**

- ▶ ANSI/B11.19-2019, Performance Requirements for Risk Reduction Measures: Safeguarding and other Means of Reducing Risk (revision of ANSI B11.19-2010)  
PINS Date: Feb 27, 2015 | Public Review Date: Jun 21, 2019 | Final Action Date: Oct 11, 2019 | [Approved](#)
- ▶ ANSI/B11.25-2022, Safety Requirements for Large Machines (revision of ANSI B11.25-2015)  
PINS Date: Feb 14, 2020 | Public Review Date: Sep 2, 2022 | Final Action Date: Nov 15, 2022 | [Approved](#)
- ▶ ANSI/B11.3-2022, Safety Requirements for Power Press Brakes (revision of ANSI B11.3-2012 (R2020))  
PINS Date: Nov 19, 2021 | Public Review Date: Feb 4, 2022 | Final Action Date: Mar 8, 2022 | [Approved](#)
- ▶ ANSI/ISO 12100-2012, Safety of machinery - General principles for design - Risk assessment and risk reduction (identical national adoption of ISO 12100:2010 and revision of ANSI/ISO 12100-1-2007  
ANSI/ISO 12100-2-2007)  
PINS Date: Nov 18, 2011 | Public Review Date: Dec 30, 2011 | Final Action Date: Mar 5, 2012 | [Approved](#)

**BHCOE (Behavioral Health Center of Excellence)**

8033 West Sunset Blvd, #1093, Los Angeles, CA 90046 | w: [www.bhcoe.org](http://www.bhcoe.org)

- ▶ ANSI/BHCOE 101-2020, Standard for the Documentation of Clinical Records for Applied Behavior Analysis Services (new standard)  
PINS Date: May 10, 2019 | Public Review Date: Jul 3, 2020 | Final Action Date: Nov 23, 2020 | [Approved](#)
- ▶ ANSI/BHCOE 201-2022, Standards of Excellence for Applied Behavior Analysis Services (new standard)  
PINS Date: May 17, 2019 | Public Review Date: May 27, 2022 | Final Action Date: Aug 10, 2022 | [Approved](#)

**BHMA (Builders Hardware Manufacturers Association)**

17 Faulkner Drive, Niantic, CT 06357 | w: [www.buildershardware.com](http://www.buildershardware.com)

- ▶ ANSI/BHMA A156.1-2016, Butts and Hinges (revision of ANSI/BHMA A156.1-2013)  
PINS Date: Aug 21, 2015 | Public Review Date: Oct 14, 2016 | Final Action Date: Dec 15, 2016 | [Approved](#)
- ▶ ANSI/BHMA A156.1-2021, BHMA A156.1 Standard for Butts and Hinges (revision of ANSI/BHMA A156.1-2016)  
PINS Date: Apr 3, 2020 | Public Review Date: Mar 19, 2021 | Final Action Date: Jun 1, 2021 | [Approved](#)
- ▶ ANSI/BHMA A156.10-2017, Power Operated Pedestrian Doors (revision of ANSI/BHMA A156.10-2011)  
PINS Date: Dec 26, 2014 | Public Review Date: Jun 2, 2017 | Final Action Date: Jul 21, 2017 | [Approved](#)
- ▶ ANSI/BHMA A156.11-2019, Standard for Cabinet Locks (revision of ANSI/BHMA A156.11-2014)  
PINS Date: Jan 5, 2018 | Public Review Date: Mar 22, 2019 | Final Action Date: Aug 6, 2019 | [Approved](#)
- ▶ ANSI/BHMA A156.12-2022, Standard for Interconnected Locks (revision of ANSI/BHMA A156.12-2018)  
PINS Date: Nov 19, 2021 | Public Review Date: Sep 9, 2022 | Final Action Date: Nov 15, 2022 | [Approved](#)
- ▶ ANSI/BHMA A156.13-2022, Standard for Mortise Locks & Latches (revision of ANSI/BHMA A156.13-2017)  
PINS Date: Dec 18, 2020 | Public Review Date: Sep 9, 2022 | Final Action Date: Nov 15, 2022 | [Approved](#)
- ▶ ANSI/BHMA A156.14-2019, Standard for Sliding and Folding Door Hardware (revision of ANSI/BHMA A156.14-2013)  
PINS Date: Oct 14, 2016 | Public Review Date: Jul 5, 2019 | Final Action Date: Sep 23, 2019 | [Approved](#)
- ▶ ANSI/BHMA A156.15-2021, Release Devices – Closer Holder, Electromagnetic And Electromechanical (revision of ANSI/BHMA A156.15-2015)  
PINS Date: Apr 3, 2020 | Public Review Date: Jan 29, 2021 | Final Action Date: Apr 15, 2021 | [Approved](#)
- ▶ ANSI/BHMA A156.16-2013 (R2018), Standard for Auxiliary Hardware (reaffirmation of ANSI/BHMA A156.16-2013)  
PINS Date: Jun 22, 2018 | Public Review Date: Aug 17, 2018 | Final Action Date: Oct 5, 2018 | [Approved](#)

**BHMA (Builders Hardware Manufacturers Association)**

- ▶ ANSI/BHMA A156.17-2014 (R2019), Standard for Self Closing Hinges and Pivots (reaffirmation of ANSI/BHMA A156.17-2014)  
PINS Date: Nov 30, 2018 | Public Review Date: Jul 5, 2019 | Final Action Date: Sep 23, 2019 | [Approved](#)

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- ▶ ANSI/BHMA A156.18-2020, Standard For Materials and Finishes (revision of ANSI/BHMA A156.18-2016)  
PINS Date: Jun 22, 2018 | Public Review Date: Sep 11, 2020 | Final Action Date: Nov 12, 2020 | [Approved](#)

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- ▶ ANSI/BHMA A156.19-2019, POWER ASSIST AND LOW ENERGY POWER OPERATED SWINGING DOORS (revision of ANSI/BHMA A156.19-2013)  
PINS Date: Jan 5, 2018 | Public Review Date: Oct 25, 2019 | Final Action Date: Dec 19, 2019 | [Approved](#)

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- ▶ ANSI/BHMA A156.2-2022, Bored and Preassembled Locks and Latches (revision of ANSI/BHMA A156.2-2017)  
PINS Date: Dec 18, 2020 | Public Review Date: Sep 9, 2022 | Final Action Date: Nov 15, 2022 | [Approved](#)

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- ▶ ANSI/BHMA A156.20-2021, Standard For Strap And Tee Hinges, And Hasps (revision of ANSI/BHMA A156.20-2017)  
PINS Date: Jan 29, 2021 | Public Review Date: Jul 23, 2021 | Final Action Date: Sep 13, 2021 | [Approved](#)

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- ▶ ANSI/BHMA A156.21-2019, Standard For Thresholds (revision of ANSI/BHMA A156.21-2014)  
PINS Date: Nov 30, 2018 | Public Review Date: Aug 16, 2019 | Final Action Date: Oct 3, 2019 | [Approved](#)

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- ▶ ANSI/BHMA A156.22-2021, Standard For Door Gasketing And Edge Seal Systems (revision of ANSI/BHMA A156.22-2017)  
PINS Date: Mar 5, 2021 | Public Review Date: Jul 23, 2021 | Final Action Date: Oct 28, 2021 | [Approved](#)

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- ▶ ANSI/BHMA A156.23-2021, Standard for Electromagnetic Locks (revision of ANSI/BHMA A156.23-2017)  
PINS Date: Mar 26, 2021 | Public Review Date: Oct 1, 2021 | Final Action Date: Dec 16, 2021 | [Approved](#)

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- ▶ ANSI/BHMA A156.24-2022, Standard for Delayed Egress Locking Systems (revision of ANSI/BHMA A156.24-2018)  
PINS Date: Nov 19, 2021 | Public Review Date: Sep 9, 2022 | Final Action Date: Nov 15, 2022 | [Approved](#)

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- ▶ ANSI/BHMA A156.25-2018, Electrified Locking Devices (revision of ANSI/BHMA A156.25-2013)  
PINS Date: Jan 5, 2018 | Public Review Date: Jun 22, 2018 | Final Action Date: Aug 10, 2018 | [Approved](#)

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- ▶ ANSI/BHMA A156.26-2021, Standard For Continuous Hinges (revision of ANSI/BHMA A156.26-2017)  
PINS Date: Jan 29, 2021 | Public Review Date: Jul 23, 2021 | Final Action Date: Sep 13, 2021 | [Approved](#)

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- ▶ ANSI/BHMA A156.27-2019, Standard for Power and Manual Operated Revolving Pedestrian Doors (revision of ANSI/BHMA A156.27-2010)  
PINS Date: Aug 21, 2015 | Public Review Date: Feb 1, 2019 | Final Action Date: Apr 9, 2019 | [Approved](#)

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- ▶ ANSI/BHMA A156.28-2013 (R2018), Recommended Practice for Mechanical Keying Systems (reaffirmation of ANSI/BHMA A156.28-2013)  
PINS Date: Jun 22, 2018 | Public Review Date: Aug 17, 2018 | Final Action Date: Oct 5, 2018 | [Approved](#)

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- ▶ ANSI/BHMA A156.29-2021, Standard for Exit Locks, Exit Alarms and Alarms for Exit Devices (revision of ANSI/BHMA A156.29-2017)  
PINS Date: Mar 26, 2021 | Public Review Date: Oct 1, 2021 | Final Action Date: Dec 16, 2021 | [Approved](#)

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- ▶ ANSI/BHMA A156.3-2020, Standard For Exit Devices (revision of ANSI/BHMA A156.3-2014)  
PINS Date: Nov 30, 2018 | Public Review Date: Sep 11, 2020 | Final Action Date: Nov 13, 2020 | [Approved](#)

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- ▶ ANSI/BHMA A156.30-2020, Standard for High Security Cylinders (revision of ANSI/BHMA A156.30-2014)  
PINS Date: Nov 30, 2018 | Public Review Date: Jan 3, 2020 | Final Action Date: Apr 1, 2020 | [Approved](#)

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- ▶ ANSI/BHMA A156.31-2019, Standard for Electric Strikes and Frame Mounted Actuators (revision of ANSI/BHMA A156.31-2013)  
PINS Date: Jan 5, 2018 | Public Review Date: Feb 1, 2019 | Final Action Date: Apr 9, 2019 | [Approved](#)

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**BHMA (Builders Hardware Manufacturers Association)**

- ▶ ANSI/BHMA A156.32-2014, Integrated Door Opening Assemblies (revision of ANSI/BHMA A156.32-2008)  
PINS Date: Feb 1, 2013 | Public Review Date: Sep 5, 2014 | Final Action Date: Dec 15, 2014 | [Approved](#)

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- ▶ ANSI/BHMA A156.33-2019, Standard For Internally Powered Architectural Hardware Devices (new standard)  
PINS Date: Oct 14, 2016 | Public Review Date: Nov 2, 2018 | Final Action Date: Jan 17, 2019 | [Approved](#)

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- ▶ ANSI/BHMA A156.34-2019, Standard for Bored Locks And Mortise Locks With Ligature Resistant Trim (revision of ANSI/BHMA A156.34-2016)  
PINS Date: Jan 5, 2018 | Public Review Date: Nov 23, 2018 | Final Action Date: Jan 17, 2019 | [Approved](#)

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- ▶ ANSI/BHMA A156.35-2020, Standard For Power Supplies For Electronic Access Control (new standard)  
PINS Date: Jun 22, 2018 | Public Review Date: Jul 10, 2020 | Final Action Date: Sep 3, 2020 | [Approved](#)

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- ▶ ANSI/BHMA A156.36-2020, Standard for Auxiliary Locks (revision of ANSI/BHMA A156.36-2016)  
PINS Date: Apr 3, 2020 | Public Review Date: Sep 11, 2020 | Final Action Date: Nov 13, 2020 | [Approved](#)

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- ▶ ANSI/BHMA A156.37-2020, Standard For Multipoint Locks (revision of ANSI/BHMA A156.37-2014)  
PINS Date: Nov 30, 2018 | Public Review Date: Jul 10, 2020 | Final Action Date: Sep 3, 2020 | [Approved](#)

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- ▶ ANSI/BHMA A156.38-2019, LOW ENERGY POWER OPERATED SLIDING AND FOLDING DOORS (revision of ANSI/BHMA A156.38-2014)  
PINS Date: Nov 30, 2018 | Public Review Date: Oct 25, 2019 | Final Action Date: Dec 19, 2019 | [Approved](#)

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- ▶ ANSI/BHMA A156.39-2020, Standard for Residential Locksets and Latches (revision of ANSI/BHMA A156.39-2015)  
PINS Date: Apr 3, 2020 | Public Review Date: Sep 11, 2020 | Final Action Date: Nov 13, 2020 | [Approved](#)

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- ▶ ANSI/BHMA A156.4-2019, Standard for Door Controls - Closers (revision of ANSI/BHMA A156.4-2013)  
PINS Date: Jan 5, 2018 | Public Review Date: Mar 22, 2019 | Final Action Date: Jul 9, 2019 | [Approved](#)

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- ▶ ANSI/BHMA A156.40-2020, Standard for Residential Deadbolts (revision of ANSI/BHMA A156.40-2015)  
PINS Date: Apr 3, 2020 | Public Review Date: Sep 11, 2020 | Final Action Date: Nov 13, 2020 | [Approved](#)

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- ▶ ANSI/BHMA A156.41-2020, STANDARD FOR DOOR HARDWARE SINGLE MOTION TO EGRESS (revision of ANSI/BHMA A156.41-2017)  
Public Review Date: Jul 10, 2020 | Final Action Date: Sep 4, 2020 | [Approved](#)

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- ▶ ANSI/BHMA A156.44-2021, Standard For Hardware For Architectural Glass Openings (new standard)  
PINS Date: Dec 18, 2020 | Public Review Date: Jul 23, 2021 | Final Action Date: Sep 23, 2021 | [Approved](#)

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- ▶ ANSI/BHMA A156.5-2020, Standard for Cylinders and Input Devices (revision of ANSI/BHMA A156.5-2014)  
PINS Date: Nov 30, 2018 | Public Review Date: Jan 3, 2020 | Final Action Date: Apr 1, 2020 | [Approved](#)

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- ▶ ANSI/BHMA A156.6-2021, Standard For Architectural Door Trim (revision of ANSI/BHMA A156.6-2015)  
PINS Date: Apr 3, 2020 | Public Review Date: Jul 23, 2021 | Final Action Date: Sep 13, 2021 | [Approved](#)

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- ▶ ANSI/BHMA A156.7-2021, Standard for Template Hinge Dimensions (revision of ANSI/BHMA A156.7-2016)  
PINS Date: Apr 3, 2020 | Public Review Date: Aug 6, 2021 | Final Action Date: Jan 26, 2022 | [Approved](#)

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- ▶ ANSI/BHMA A156.8-2021, Door Controls - Overhead Stops And Holders (revision of ANSI/BHMA A156.8-2015)  
PINS Date: Apr 3, 2020 | Public Review Date: Jan 29, 2021 | Final Action Date: Apr 15, 2021 | [Approved](#)

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- ▶ ANSI/BHMA A156.9-2020, Standard For Cabinet Hardware (revision of ANSI/BHMA A156.9-2015)  
PINS Date: Apr 3, 2020 | Public Review Date: Sep 11, 2020 | Final Action Date: Nov 12, 2020 | [Approved](#)

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**BICSI (Building Industry Consulting Service International)**

8610 Hidden River Parkway, Tampa, FL 33637 | w: [www.bicsi.org](http://www.bicsi.org)

- ▶ ANSI/BICSI 001-2017 (R2022), Information and Communication Technology Systems Design and Implementation Best Practices for Educational Institutions and Facilities (reaffirmation of ANSI/BICSI 001-2017)  
PINS Date: Apr 2, 2021 | Public Review Date: Jul 23, 2021 | Final Action Date: Jan 31, 2022 | [Approved](#)
- ▶ ANSI/BICSI 002-2019, Data Center Design and Implementation Best Practices (revision of ANSI/BICSI 002-2014)  
PINS Date: Oct 20, 2017 | Public Review Date: Dec 7, 2018 | Final Action Date: Feb 8, 2019 | [Approved](#)
- ▶ ANSI/BICSI 003-2014, Building Information Modeling (BIM) Practices for Information Technology Systems (new standard)  
PINS Date: Nov 27, 2009 | Public Review Date: Oct 25, 2013 | Final Action Date: Dec 20, 2013 | [Approved](#)
- ▶ ANSI/BICSI 004-18-2018, Information Communication Technology Systems Design and Implementation Best Practices for Healthcare Institutions and Facilities (revision of ANSI/BICSI 004-2013)  
PINS Date: Nov 25, 2016 | Public Review Date: Feb 23, 2018 | Final Action Date: Apr 5, 2018 | [Approved](#)
- ▶ ANSI/BICSI 006-2019, Distributed Antenna System (DAS) Design and Implementation Best Practices (revision of ANSI/BICSI 006-2015)  
PINS Date: Jul 6, 2018 | Public Review Date: Jul 26, 2019 | Final Action Date: Nov 11, 2019 | [Approved](#)
- ▶ ANSI/BICSI 007-2020, Information Communication Technology Design and Implementation Practices for Intelligent Buildings and Premises (revision of ANSI/BICSI 007-2017)  
PINS Date: Jun 14, 2019 | Public Review Date: Mar 27, 2020 | Final Action Date: May 4, 2020 | [Approved](#)
- ▶ ANSI/BICSI 008-2018, Wireless Local Area Network (WLAN) Systems Design and Implementation (new standard)  
PINS Date: Oct 16, 2015 | Public Review Date: Oct 20, 2017 | Final Action Date: Dec 4, 2017 | [Approved](#)
- ▶ ANSI/BICSI N1-2019, Installation Practices for Telecommunications and ICT Cabling and Related Cabling Infrastructure (new standard)  
PINS Date: May 26, 2017 | Public Review Date: Oct 5, 2018 | Final Action Date: Dec 6, 2018 | [Approved](#)
- ▶ ANSI/BICSI N2-2017, Practices For The Installation of Telecommunications and ICT Cabling Intended to Support Remote Power Applications (new standard)  
PINS Date: May 26, 2017 | Public Review Date: Jul 28, 2017 | Final Action Date: Oct 11, 2017 | [Approved](#)
- ▶ ANSI/BICSI N3-2019, Planning and Installation Methods for the Bonding and Grounding of Telecommunication and ICT Systems and Infrastructure (new standard)  
PINS Date: Oct 5, 2018 | Public Review Date: Oct 18, 2019 | Final Action Date: Dec 17, 2019 | [Approved](#)

**BIFMA (Business and Institutional Furniture Manufacturers Association)**

678 Front Avenue NW, Suite 150, Grand Rapids, MI 49504-5368 | w: [www.bifma.org](http://www.bifma.org)

- ▶ ANSI/BIFMA e3-2019 (i23r2), Furniture Sustainability Standard (revision of ANSI/BIFMA e3-2014)  
Public Review Date: Apr 27, 2018 | Final Action Date: Apr 3, 2019 | [Approved](#)
- ▶ ANSI/BIFMA M7.1-2011 (R2021), Standard Test Method for Determining VOC Emissions from Office Furniture Systems, Components, and Seating (reaffirmation of ANSI/BIFMA M7.1-2011 (R2016))  
PINS Date: Mar 5, 2021 | Public Review Date: Aug 27, 2021 | Final Action Date: Nov 12, 2021 | [Approved](#)
- ▶ ANSI/BIFMA X5.1-2017 (R2022), General-Purpose Office Chairs (reaffirmation of ANSI/BIFMA X5.1-2017)  
PINS Date: Dec 24, 2021 | Public Review Date: Mar 11, 2022 | Final Action Date: Apr 28, 2022 | [Approved](#)

**BIFMA (Business and Institutional Furniture Manufacturers Association)**

- ▶ ANSI/BIFMA X5.11-2015 (R2020), General-Purpose Large Occupant Office Chairs (reaffirmation of ANSI/BIFMA X5.11-2015)  
PINS Date: Jan 3, 2020 | Public Review Date: Feb 14, 2020 | Final Action Date: Oct 8, 2020 | [Approved](#)
- ▶ ANSI/BIFMA X5.4-2020, Public and Lounge Seating (revision of ANSI/BIFMA X5.4-2012)  
PINS Date: Aug 19, 2016 | Public Review Date: Feb 14, 2020 | Final Action Date: May 14, 2020 | [Approved](#)
- ▶ ANSI/BIFMA X5.41-2021, Large Occupant Public and Lounge Seating (new standard)  
PINS Date: Sep 18, 2020 | Public Review Date: Jul 2, 2021 | Final Action Date: Aug 5, 2021 | [Approved](#)
- ▶ ANSI/BIFMA X5.5-2021, Desk and Table Products (revision of ANSI/BIFMA X5.5-2014)  
PINS Date: Sep 7, 2018 | Public Review Date: Nov 27, 2020 | Final Action Date: Feb 8, 2021 | [Approved](#)
- ▶ ANSI/BIFMA X5.6-2016 (R2021), Panel Systems (reaffirmation of ANSI/BIFMA X5.6-2016)  
PINS Date: Jan 22, 2021 | Public Review Date: Jul 2, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)
- ▶ ANSI/BIFMA X5.9-2019, Storage Units (revision of ANSI/BIFMA X5.9-2012)  
PINS Date: Aug 19, 2016 | Public Review Date: Oct 26, 2018 | Final Action Date: Feb 1, 2019 | [Approved](#)
- ▶ ANSI/BIFMA X6.1-2018, Educational Seating (revision of ANSI/BIFMA X6.1-2012)  
PINS Date: Aug 19, 2016 | Public Review Date: Jan 19, 2018 | Final Action Date: Apr 10, 2018 | [Approved](#)
- ▶ ANSI/BIFMA X6.4-2021, Occasional-Use Seating (new standard)  
PINS Date: Mar 2, 2018 | Public Review Date: Aug 21, 2020 | Final Action Date: Jan 7, 2021 | [Approved](#)
- ▶ ANSI/BIFMA X6.5-2022, Home Office and Occasional-Use Desk, Table and Storage Products (revision and redesignation of ANSI/BIFMA/SOHO S6.5-2008 (R2013))  
PINS Date: Sep 7, 2018 | Public Review Date: Feb 18, 2022 | Final Action Date: Apr 5, 2022 | [Approved](#)
- ▶ ANSI/BIFMA X7.1-2011 (R2021), Standard for Formaldehyde & TVOC Emissions of Low-emitting Office Furniture and Seating (reaffirmation of ANSI/BIFMA X7.1-2011 (R2016))  
PINS Date: Mar 5, 2021 | Public Review Date: Aug 27, 2021 | Final Action Date: Nov 12, 2021 | [Approved](#)

**BOMA (Building Owners and Managers Association)**

1101 15th Street, NW, Suite 800, Washington, DC 20005 | w: [www.boma.org](http://www.boma.org)

- ▶ ANSI/BOMA Z65.1-2017, BOMA 2017 For Office Buildings: Standard Methods of Measurement (revision of ANSI/BOMA Z65.1-2010)  
PINS Date: Jul 17, 2015 | Public Review Date: Mar 3, 2017 | Final Action Date: Sep 12, 2017 | [Approved](#)
- ▶ ANSI/BOMA Z65.2-2019, BOMA 2019 For Industrial Buildings: Standard Methods of Measurement (revision of ANSI/BOMA Z65.2-2012)  
PINS Date: Sep 16, 2016 | Public Review Date: Feb 14, 2020 | Final Action Date: Mar 19, 2020 | [Approved](#)
- ▶ ANSI/BOMA Z65.3-2018, Gross Areas of a Building: Standard Methods of Measurement (revision of ANSI/BOMA Z65.3-2009)  
PINS Date: Sep 16, 2016 | Public Review Date: Oct 12, 2018 | Final Action Date: Feb 8, 2019 | [Approved](#)
- ▶ ANSI/BOMA Z65.5-2020, BOMA 2020 for Retail Properties: Standard Method of Measurement (new standard)  
PINS Date: Sep 16, 2016 | Public Review Date: Dec 25, 2020 | Final Action Date: Feb 11, 2021 | [Approved](#)
- ▶ ANSI/BOMA Z65.6-2021, BOMA 2021 for Mixed-Use Properties: Standard Method of Measurement (revision of ANSI/BOMA Z65.6-2012)  
PINS Date: Sep 16, 2016 | Public Review Date: Jun 25, 2021 | Final Action Date: Jan 13, 2022 | [Approved](#)

**BPI (Building Performance Institute)**

66 Putnam Street, Suite 202, Saratoga Springs, NY 12866 | w: [www.bpi.org](http://www.bpi.org)

- ▶ ANSI/BPI-1100-T-2014, Home Energy Auditing Standard (new standard)  
PINS Date: Oct 22, 2010 | Public Review Date: Jul 11, 2014 | Final Action Date: Nov 18, 2014 | [Approved](#)
- ▶ BPI-1200-S, Standard Practice for Basic Analysis of Buildings (revision of ANSI/BPI-1200-S-2015)  
PINS Date: Apr 7, 2017 | Public Review Date: May 12, 2017 | Final Action Date: Jul 31, 2017 | [Approved](#)

**CAGI (Compressed Air and Gas Institute)**

1300 Sumner Avenue, Cleveland, OH 441152851 | w: [www.cagi.org/welcome.htm](http://www.cagi.org/welcome.htm)

- ▶ ANSI/CAGI B186.1-2020, Safety Code for Portable Air Tools (new standard)  
PINS Date: May 3, 2013 | Public Review Date: Jan 31, 2020 | Final Action Date: Sep 1, 2020 | [Approved](#)
- ▶ ANSI/CAGI BL 300-2022, Performance Test Code for Electric Driven Low Pressure Air Compressor Packages (new standard)  
PINS Date: May 21, 2010 | Public Review Date: Jul 22, 2022 | Final Action Date: Dec 1, 2022 | [Approved](#)
- ▶ ANSI/CAGI/ISO 1217-2013, Displacement Compressors: Acceptance Tests (identical national adoption of ISO 1217)  
PINS Date: Oct 15, 2010 | Public Review Date: Jul 20, 2012 | Final Action Date: Jul 1, 2013 | [Approved](#)

**CAPA (Certified Automotive Parts Association)**

c/o Intertek, 4700 Broadmoor SE, Suite 200, Kentwood, MI 49512 | w: [www.CAPAcertified.org](http://www.CAPAcertified.org)

- ▶ ANSI/CAPA 101-001-2019, Standard Test Method for Striker Retention Testing of Automotive Replacement Sheet Metal Hoods with Strikers (revision of ANSI/CAPA 101-001-2017)  
PINS Date: May 31, 2019 | Public Review Date: Jul 19, 2019 | Final Action Date: Sep 10, 2019 | [Approved](#)
- ▶ ANSI/CAPA 201-001-2019, Standard Test Method for Full Part Dimensional Stability Testing of Automotive Replacement Bumper Covers (revision of ANSI/CAPA 201-001-2011 (R2016))  
PINS Date: May 31, 2019 | Public Review Date: Jul 19, 2019 | Final Action Date: Sep 10, 2019 | [Approved](#)

**CEMA (Conveyor Equipment Manufacturers Association)**

27400 Riverview Center Blvd, Suite 2, Bonita Springs, FL 34134 | w: [www.cemanet.org](http://www.cemanet.org)

- ▶ ANSI/CEMA 403-2003 (R2015), Belt Driven Live Roller Conveyors (reaffirmation of ANSI/CEMA 403-2003 (R2009))  
Public Review Date: Nov 7, 2014 | Final Action Date: Jan 28, 2015 | [Approved](#)
- ▶ ANSI/CEMA Standard 407-2019, Motor Driven Live Roller Conveyors (new standard)  
PINS Date: Aug 10, 2018 | Public Review Date: Oct 26, 2018 | Final Action Date: Feb 15, 2019 | [Approved](#)
- ▶ ANSI/CEMA Standard 501.1-2021, Specifications for Welded Steel Wing Pulleys (revision and redesignation of ANSI/CEMA 501.1-2015)  
PINS Date: May 8, 2020 | Public Review Date: Feb 19, 2021 | Final Action Date: Aug 5, 2021 | [Approved](#)
- ▶ ANSI/CEMA Standard B105.1-2021, Specification for Welded Steel Conveyor Pulleys with Compression Type Hubs (revision and redesignation of ANSI/CEMA B105.1-2015)  
PINS Date: May 8, 2020 | Public Review Date: Feb 19, 2021 | Final Action Date: Aug 5, 2021 | [Approved](#)
- ▶ ANSI/CEMA Standard No. 102-2022, Conveyor Terms and Definitions (revision of ANSI/CEMA 102-2012)  
PINS Date: Dec 24, 2021 | Public Review Date: Feb 11, 2022 | Final Action Date: Mar 29, 2022 | [Approved](#)
- ▶ ANSI/CEMA Standard No. 300-2021, Screw Conveyor Dimensional Standards (revision and redesignation of ANSI/CEMA 300-2015)  
PINS Date: May 8, 2020 | Public Review Date: Nov 13, 2020 | Final Action Date: Jan 26, 2021 | [Approved](#)

**CEMA (Conveyor Equipment Manufacturers Association)**

- ▶ ANSI/CEMA Standard No. 350-2021, Screw Conveyor for Bulk Materials (revision and redesignation of ANSI/CEMA 350-2015)  
PINS Date: May 8, 2020 | Public Review Date: Nov 13, 2020 | Final Action Date: Jan 26, 2021 | [Approved](#)
- ▶ ANSI/CEMA Standard No. 401-2020, Roller Conveyors - Non-Powered (revision and redesignation of ANSI/CEMA 401-2003 (R2015))  
PINS Date: Nov 15, 2019 | Public Review Date: Jan 3, 2020 | Final Action Date: Mar 19, 2020 | [Approved](#)
- ▶ ANSI/CEMA Standard No. 402-2003 (R2020), Belt Conveyors (reaffirmation and redesignation of ANSI/CEMA 402-2003 (R2015))  
PINS Date: Nov 15, 2019 | Public Review Date: Mar 20, 2020 | Final Action Date: May 7, 2020 | [Approved](#)
- ▶ ANSI/CEMA Standard No. 403-2003 (R2020), Belt Driven Live Roller Conveyors (reaffirmation and redesignation of ANSI/CEMA 403-2003 (R2015))  
PINS Date: Nov 15, 2019 | Public Review Date: Jan 3, 2020 | Final Action Date: Mar 19, 2020 | [Approved](#)
- ▶ ANSI/CEMA Standard No. 404-2003 (R2020), Chain Driven Live Roller Conveyors (reaffirmation and redesignation of ANSI/CEMA 404-2003 (R2015))  
PINS Date: Nov 22, 2019 | Public Review Date: Jan 3, 2020 | Final Action Date: Mar 19, 2020 | [Approved](#)
- ▶ ANSI/CEMA Standard No. 405-2003 (R2020), Slat Conveyors (reaffirmation and redesignation of ANSI/CEMA 405-2003 (R2015))  
PINS Date: Nov 22, 2019 | Public Review Date: Jan 3, 2020 | Final Action Date: Mar 19, 2020 | [Approved](#)
- ▶ ANSI/CEMA Standard No. 406-2020, Lineshaft Driven Live Roller Conveyors (revision and redesignation of ANSI/CEMA 406-2003 (R2015))  
PINS Date: Nov 22, 2019 | Public Review Date: Jan 3, 2020 | Final Action Date: Mar 19, 2020 | [Approved](#)
- ▶ ANSI/CEMA Standard No. 550-2020, Classification and Definitions of Bulk Materials (revision and redesignation of ANSI/CEMA 550-2003 (R2015))  
PINS Date: Nov 15, 2019 | Public Review Date: Jan 3, 2020 | Final Action Date: Mar 17, 2020 | [Approved](#)

**CGA (Compressed Gas Association)**

8484 Westpark Drive, Suite 220, McLean, VA 22102 | w: [www.cganet.com](http://www.cganet.com)

- ▶ ANSI CGA G-2.1-2014, Standard Safety Requirements for the Storage and Handling of Anhydrous Ammonia (ANSI K61.1) (new standard)  
PINS Date: Jan 9, 2009 | Public Review Date: Jul 12, 2013 | Final Action Date: Dec 12, 2014 | [Approved](#)
- ▶ ANSI/CGA G-13-2016, Storage and Handling of Silane and Silane Mixtures (revision of ANSI/CGA G-13-2006)  
Public Review Date: Feb 5, 2016 | Final Action Date: Aug 4, 2016 | [Approved](#)
- ▶ ANSI/CGA H-5-2020, Installation Standards for Bulk Hydrogen Supply Systems (revision of ANSI/CGA H-5-2014)  
PINS Date: Jul 14, 2017 | Public Review Date: Jun 12, 2020 | Final Action Date: Oct 13, 2020 | [Approved](#)
- ▶ ANSI/CGA M-1-2018, Standard for Medical Gas Supply Systems at Health Care Facilities (new standard)  
PINS Date: Dec 27, 2013 | Public Review Date: Mar 11, 2016 | Final Action Date: Mar 23, 2018 | [Approved](#)
- ▶ ANSI/CGA P-18-2020, Standard for Bulk Inert Gas Systems (revision of ANSI/CGA P-18-2013)  
PINS Date: Dec 23, 2016 | Public Review Date: Jun 19, 2020 | Final Action Date: Oct 28, 2020 | [Approved](#)

**CPA (Composite Panel Association)**

19465 Deerfield Avenue, Suite 306, Leesburg, VA 20176 | w: [www.CompositePanel.org](http://www.CompositePanel.org)

- ▶ ANSI A135.4-2012 (R2020), Basic Hardboard (reaffirmation of ANSI A135.4-2012)  
PINS Date: Mar 9, 2018 | Public Review Date: Apr 26, 2019 | Final Action Date: Mar 13, 2020 | [Approved](#)

**CPA (Composite Panel Association)**

- ▶ ANSI A135.5-2012 (R2020), Prefinished Hardboard Paneling (reaffirmation of ANSI A135.5-2012)  
PINS Date: Mar 9, 2018 | Public Review Date: Apr 26, 2019 | Final Action Date: Mar 13, 2020 | [Approved](#)
- ▶ ANSI A135.6-2012 (R2020), Engineered Wood Siding (reaffirmation of ANSI A135.6-2012)  
PINS Date: Mar 9, 2018 | Public Review Date: Apr 26, 2019 | Final Action Date: Mar 13, 2020 | [Approved](#)
- ▶ ANSI A135.7-2010 (R2020), Engineered Wood Trim (reaffirmation of ANSI A135.7-2010)  
PINS Date: Mar 9, 2018 | Public Review Date: Apr 26, 2019 | Final Action Date: Mar 13, 2020 | [Approved](#)
- ▶ ANSI A208.1-2022, Particleboard (revision and redesignation of ANSI A208.1-2016)  
PINS Date: Mar 19, 2021 | Public Review Date: Apr 29, 2022 | Final Action Date: Jun 22, 2022 | [Approved](#)
- ▶ ANSI A208.2-2022, Medium Density Fiberboard (MDF) for Interior Applications (revision of ANSI A208.2-2016)  
PINS Date: Mar 19, 2021 | Public Review Date: Feb 11, 2022 | Final Action Date: Apr 14, 2022 | [Approved](#)

**CPLSO (CPLSO)**

The Marchioness Building, Commercial Road, Bristol BS16TG, UK BS1 6TG

- ▶ ANSI/CPLSO 15-2017 (R2021), Proximity Warning Devices (reaffirmation of ANSI/CPLSO 15-2017)  
Public Review Date: Jul 16, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)
- ▶ ANSI/CPLSO 17-2022, Electrical Characteristics of ECDs and CEWs. (revision of ANSI/CPLSO-17-2017)  
Public Review Date: Mar 18, 2022 | Final Action Date: Jul 18, 2022 | [Approved](#)
- ▶ ANSI/CPLSO 18-2021, Crane Insulators - selection, use and maintenance (new standard)  
PINS Date: Jun 4, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)
- ▶ ANSI/CPLSO 60335-2-76-2020, Particular requirements for electric fence energizers (national adoption with modifications of IEC 60335-2-76 (2018))  
PINS Date: Dec 20, 2019 | Public Review Date: Mar 13, 2020 | Final Action Date: Jun 15, 2020 | [Approved](#)
- ▶ ANSI/CPLSO-14-2016 (R2021), Crane Insulators (reaffirmation of ANSI/CPLSO-14-2016)  
Public Review Date: Mar 12, 2021 | Final Action Date: May 11, 2021 | [Approved](#)

**CRRC (Cool Roof Rating Council)**

2435 N. Lombard Street, Portland, OR 97217 | w: [www.coolroofs.org](http://www.coolroofs.org)

- ▶ ANSI/CRRC S100-2021, Standard Test Methods for Determining Radiative Properties of Materials (revision of ANSI/CRRC S100-2016)  
PINS Date: Jun 15, 2018 | Public Review Date: Apr 10, 2020 | Final Action Date: Mar 29, 2021 | [Approved](#)

**CRSI (Concrete Reinforcing Steel Institute)**

933 N Plum Grove Road, Schaumburg, IL 60173 | w: [www.crsi.org](http://www.crsi.org)

- ▶ ANSI/CRSI CG1.1-2022, CRSI Standard for Epoxy Coating Plant: Straight Bar Lines (revision of ANSI/CRSI CG1.1-2016)  
PINS Date: Dec 17, 2021 | Public Review Date: Feb 25, 2022 | Final Action Date: Apr 25, 2022 | [Approved](#)
- ▶ ANSI/CRSI CG1.2-2022, CRSI Standard for Epoxy Coating Plant: Custom Lines (revision of ANSI/CRSI CG1.2-2016)  
PINS Date: Dec 17, 2021 | Public Review Date: Feb 25, 2022 | Final Action Date: Apr 25, 2022 | [Approved](#)
- ▶ ANSI/CRSI CG2.1-2021, CRSI Standard for Epoxy-Coated Steel Reinforcing Bar Fabrication Facilities (revision of ANSI/CRSI CG2.1-2016)  
PINS Date: Aug 28, 2020 | Public Review Date: Aug 13, 2021 | Final Action Date: Oct 15, 2021 | [Approved](#)

**CRSI (Concrete Reinforcing Steel Institute)**

- ▶ ANSI/CRSI IPG4.1-2022, Stainless Steel Reinforcing Bar Fabrication Facilities (revision of ANSI/CRSI IPG4.1-2016)  
PINS Date: Aug 28, 2020 | Public Review Date: Dec 24, 2021 | Final Action Date: Feb 10, 2022 | [Approved](#)
- ▶ ANSI/CRSI RB4.1-2022, Supports for Reinforcement Used in Concrete (revision of ANSI/CRSI RB4.1-2016)  
PINS Date: Aug 28, 2020 | Public Review Date: Dec 24, 2021 | Final Action Date: Apr 4, 2022 | [Approved](#)

**CSA (CSA America Standards Inc.)**

178 Rexdale Boulevard, Toronto, Ontario M9W 1R3, Ontario M9W 1R3 | w: [www.csagroup.org](http://www.csagroup.org)

- ▶ ANSI CSA LNG 4.1-2018, Liquefied natural gas (LNG) dispensing systems for natural gas vehicles (NGV) (new standard)  
PINS Date: May 12, 2017 | Public Review Date: Apr 13, 2018 | Final Action Date: Jun 8, 2018 | [Approved](#)
- ▶ ANSI LC 1-2023/CSA 6.26-2023, Fuel gas piping systems using corrugated stainless steel tubing (revision of ANSI LC 1-2019/CSA 6.26-2019)  
PINS Date: Dec 31, 2021 | Public Review Date: Dec 2, 2022 | Final Action Date: Jan 24, 2023 | [Approved](#)
- ▶ ANSI NGV 4.8/CSA 12.8-2012 (R2016), Natural gas vehicle fueling station reciprocating compressor guidelines (same as CSA 12.8) (reaffirmation of ANSI NGV 4.8/CSA 12.8-2012)  
Public Review Date: Oct 7, 2016 | Final Action Date: Nov 30, 2016 | [Approved](#)
- ▶ ANSI NGV 4.8/CSA 12.8-2020, Natural gas vehicle fueling station compressor packages (revision of ANSI NGV 4.8/CSA 12.8-2012 (R2016))  
PINS Date: Dec 27, 2019 | Public Review Date: Jun 5, 2020 | Final Action Date: Nov 30, 2020 | [Approved](#)
- ▶ ANSI Z21.1-2018/CSA 1.1-2018, Household Cooking Gas Appliances, same as CSA 1.1 (revision of ANSI Z21.1 -2016)  
PINS Date: Apr 6, 2018 | Public Review Date: Jul 20, 2018 | Final Action Date: Nov 29, 2018 | [Approved](#)
- ▶ ANSI Z21.10.1-2019, Gas Water Heaters, Volume I, Storage Water Heaters with Input ratings of 75,000 Btu per Hour or Less, same as CSA 4.1 (revision and redesignation of ANSI Z21.10.1-2017)  
PINS Date: Dec 29, 2017 | Public Review Date: May 3, 2019 | Final Action Date: Sep 23, 2019 | [Approved](#)
- ▶ ANSI Z21.101-2022, Gas hose connectors for portable and moveable gas appliances, same as CSA 8.5 (revision of ANSI Z21.101-2018)  
PINS Date: Feb 26, 2021 | Public Review Date: Nov 19, 2021 | Final Action Date: Jan 7, 2022 | [Approved](#)
- ▶ ANSI Z21.103-2017 (R2022), Unvented portable type gas camp heaters for indoor and outdoor use, same as CSA Z21.103 (reaffirmation of ANSI Z21.103-2017)  
Public Review Date: Jul 29, 2022 | Final Action Date: Oct 6, 2022 | [Approved](#)
- ▶ ANSI Z21.104-2019, Standard for manual and automatic gas selector devices for use with gas-fired appliances, same as CSA 9.2 (new standard)  
PINS Date: Jul 6, 2018 | Public Review Date: Aug 16, 2019 | Final Action Date: Oct 3, 2019 | [Approved](#)
- ▶ ANSI Z21.11.3-2016 (R2021), Gas-fired room heaters, volume III, propane-fired portable emergency use heater systems, same as Z21.11.3 (reaffirmation of ANSI Z21.11.3-2016)  
Public Review Date: Aug 13, 2021 | Final Action Date: Sep 28, 2021 | [Approved](#)
- ▶ ANSI Z21.12-1990 (R2020), Draft Hoods (reaffirmation and redesignation of ANSI Z21.12-1990 (R2015), Z21.12a -1993 (R2105), Z21.12b-1994 (R2015))  
Public Review Date: Feb 14, 2020 | Final Action Date: Mar 31, 2020 | [Approved](#)
- ▶ ANSI Z21.13-2022, Gas-fired low pressure steam and hot water boilers, same as CSA 4.9 (revision of ANSI Z21.13 -2017)  
PINS Date: May 7, 2021 | Public Review Date: Feb 4, 2022 | Final Action Date: Jun 2, 2022 | [Approved](#)

**CSA (CSA America Standards Inc.)**

- ▶ ANSI Z21.15-2021, Manually Operated Gas Valves for Appliances, Appliance Connector Valves, and Hose End Valves, same as CSA 9.1 (revision of ANSI Z21.15-2009 (R2019))  
PINS Date: Nov 20, 2020 | Public Review Date: Sep 3, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)

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- ▶ ANSI Z21.17-1998 (R2019); ANSI Z21.17a-2008 (R2019), Standard for Domestic Gas Conversion Burners (same as CSA 2.7-M98; CSA 2.7a) (reaffirmation of ANSI Z21.17-1998 (R2014); ANSI Z21.17a-2008 (R2014))  
Public Review Date: Jun 28, 2019 | Final Action Date: Aug 29, 2019 | [Approved](#)

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- ▶ ANSI Z21.18-2019, Gas Appliance Pressure Regulators, same as CSA 6.3-201x (revision of ANSI Z21.18-2007 (R2017), ANSI Z21.18a-1010 (R2017), ANSI Z21.18b-2012 R2017))  
PINS Date: Jan 12, 2018 | Public Review Date: May 18, 2018 | Final Action Date: Feb 4, 2019 | [Approved](#)

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- ▶ ANSI Z21.19-2019, Refrigerators using gas fuel, same as CSA 1.4 (revision of ANSI Z21.19-2014)  
PINS Date: Apr 27, 2018 | Public Review Date: Feb 22, 2019 | Final Action Date: Oct 4, 2019 | [Approved](#)

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- ▶ ANSI Z21.1a-2021/CSA 1.1a-2021, Household cooking gas appliances, same as CSA 1.1a (addenda to ANSI Z21.1-2018/CSA 1.1-2018)  
PINS Date: Feb 5, 2021 | Public Review Date: Jun 25, 2021 | Final Action Date: Sep 20, 2021 | [Approved](#)

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- ▶ ANSI Z21.1b-2023, Household Cooking Gas Appliances (revision of ANSI/Z21.1-2018/CSA 1.1-2018)  
PINS Date: Apr 15, 2022 | Public Review Date: Dec 9, 2022 | Final Action Date: Jan 26, 2023 | [Approved](#)

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- ▶ ANSI Z21.20-2014 (R2021), Automatic Gas Ignition Systems and Components, same as Z21.20 (reaffirmation of ANSI Z21.20-2014 (R2019))  
Public Review Date: Aug 27, 2021 | Final Action Date: Oct 12, 2021 | [Approved](#)

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- ▶ ANSI Z21.21-2019, Automatic Valves for Gas Appliances, same as CSA 6.5-201x (revision of ANSI Z21.21-2015)  
PINS Date: Dec 29, 2017 | Public Review Date: Feb 1, 2019 | Final Action Date: Apr 9, 2019 | [Approved](#)

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- ▶ ANSI Z21.21A-2021/CSA 6.5A-2021, Automatic valves for gas appliances, same as Z21.21A (addenda to ANSI Z21.21-2019)  
PINS Date: Jul 10, 2020 | Public Review Date: Dec 25, 2020 | Final Action Date: Feb 11, 2021 | [Approved](#)

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- ▶ ANSI Z21.22-2015 (R2020), Relief valves for hot water supply systems, same as CSA 4.4 (reaffirmation of ANSI Z21.22-2015)  
Public Review Date: Mar 6, 2020 | Final Action Date: May 8, 2020 | [Approved](#)

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- ▶ ANSI Z21.23-2021, Gas Appliance Thermostats, same as CSA 6.6 (revision of ANSI Z21.23-2010 (R2020))  
PINS Date: Jun 18, 2021 | Public Review Date: Nov 12, 2021 | Final Action Date: Jan 7, 2022 | [Approved](#)

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- ▶ ANSI Z21.24-2022, Connectors for gas appliances, same as CSA 6.10 (revision of ANSI Z21.24-2015 (R2020))  
PINS Date: Feb 26, 2021 | Public Review Date: Nov 19, 2021 | Final Action Date: Jan 7, 2022 | [Approved](#)

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- ▶ ANSI Z21.35-2005 (R2020), ANSI Z21.35a-2010 (R2020), Pilot Gas Filters, same as CSA 6.8 (reaffirmation of ANSI Z21.35-2005 (R2015), ANSI Z21.35a-2010 (R2015))  
Public Review Date: Nov 29, 2019 | Final Action Date: Jan 14, 2020 | [Approved](#)

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- ▶ ANSI Z21.40.1-1996 (R2022) and Z21.40.1a-1997 (R2022), Gas-fired Heat Activated Air Conditioning and Heat Pump Appliances, same as 1997 (R202X, same as 1997 (R2017 (reaffirmation of ANSI Z21.40.1-1996 (R2017) and Z21.40.1a-1997 (R2017)))  
Public Review Date: Nov 19, 2021 | Final Action Date: Jan 10, 2022 | [Approved](#)

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- ▶ ANSI Z21.40.2-1996 (R2022) and Z21.40.2a-1997 (R2022), Gas-Fired, Work Activated Air-Conditioning And Heat Pump Appliances (reaffirmation of ANSI Z21.40.2-1996 (R2017) and Z21.40.2a-1997 (R2017))  
Public Review Date: Dec 17, 2021 | Final Action Date: Feb 3, 2022 | [Approved](#)

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**CSA (CSA America Standards Inc.)**

- ▶ ANSI Z21.40.4-1996 (R2022) and Z21.40.4a-1998 (R2022), Performance Testing And Rating Of Gas-Fired, Air Conditioning And Heat Pump Appliances, Same As 1997 (R202x, same as 1998 (R2017 (reaffirmation of ANSI Z21.40.4-1996 (R2017) and Z21.40.4a-1998 (R2017))  
Public Review Date: Dec 17, 2021 | Final Action Date: Feb 3, 2022 | [Approved](#)
- ▶ ANSI Z21.41-2014 (R2019), Quick disconnect devices for use with gas fuel appliances, same as CSA 6.9-2014 (reaffirmation of ANSI Z21.41-2014)  
Public Review Date: Feb 8, 2019 | Final Action Date: Jul 19, 2019 | [Approved](#)
- ▶ ANSI Z21.42-2013 (R2018), Gas-Fired Illuminating Appliances, same as Z21.42-2013 (R201x (reaffirmation of ANSI Z21.42-2013)  
Public Review Date: Jan 26, 2018 | Final Action Date: Dec 7, 2018 | [Approved](#)
- ▶ ANSI Z21.5.1-2022, Gas Clothes Dryers, Volume I, Type 1 Clothes Dryers (same as CSA 1.1) (revision of ANSI Z21.5.1-2017)  
PINS Date: May 6, 2022 | Public Review Date: Sep 23, 2022 | Final Action Date: Nov 8, 2022 | [Approved](#)
- ▶ ANSI Z21.5.2-2016 (R2021), Gas clothes dryers, Volume II, type 2, clothes dryers (same as ANSI Z21.5.2x (reaffirmation of ANSI Z21.5.2-2016)  
Public Review Date: May 14, 2021 | Final Action Date: Aug 5, 2021 | [Approved](#)
- ▶ ANSI Z21.50-2019, Vented decorative gas appliances, same as CSA 2.22 (revision of ANSI Z21.50-2016)  
PINS Date: Dec 30, 2016 | Public Review Date: Jan 25, 2019 | Final Action Date: Apr 10, 2019 | [Approved](#)
- ▶ ANSI Z21.54-2019, Gas Hose Connectors for Portable Outdoor Gas-Fired Appliances, same as CSA 8.4 (revision of ANSI Z21.54-2014)  
PINS Date: Jan 5, 2018 | Public Review Date: Jan 25, 2019 | Final Action Date: Mar 14, 2019 | [Approved](#)
- ▶ ANSI Z21.54A-2020/CSA 8.4A-2020, Gas hose connectors for portable outdoor gas-fired appliances (addenda to ANSI Z21.54-2019)  
PINS Date: Jun 26, 2020 | Public Review Date: Aug 7, 2020 | Final Action Date: Dec 1, 2020 | [Approved](#)
- ▶ ANSI Z21.57-2010 (R2021), Recreational Vehicle Cooking Gas Appliances, same as ANSI Z21.57x (reaffirmation of ANSI Z21.57-2010)  
Public Review Date: Nov 27, 2020 | Final Action Date: Jan 26, 2021 | [Approved](#)
- ▶ ANSI Z21.58-2022/CSA 1.6-2022, Outdoor Cooking Gas Appliances, same as Gas Appliances (revision of ANSI Z21.58-2018/CSA 1.6-2018)  
PINS Date: Feb 19, 2021 | Public Review Date: Apr 29, 2022 | Final Action Date: Jun 14, 2022 | [Approved](#)
- ▶ ANSI Z21.60-2017 (R2021), Decorative gas appliances for installation in solid-fuel burning fireplaces, same as CSA 2.26 (reaffirmation of ANSI Z21.60-2017)  
Public Review Date: Oct 15, 2021 | Final Action Date: Dec 16, 2021 | [Approved](#)
- ▶ ANSI Z21.63-2019, Portable type gas camp heaters, same as CSA 11.3 (revision of ANSI Z21.63-2014)  
PINS Date: Apr 27, 2018 | Public Review Date: Feb 22, 2019 | Final Action Date: Aug 8, 2019 | [Approved](#)
- ▶ ANSI Z21.66-2015 (R2020), Automatic damper devices for use with gas-fired appliances, same as CSA 6.14 (reaffirmation of ANSI Z21.66-2015)  
Public Review Date: Feb 14, 2020 | Final Action Date: Mar 31, 2020 | [Approved](#)
- ▶ ANSI Z21.69-2015 (R2020), Connectors for moveable gas appliances, same as CSA 6.16 (reaffirmation of ANSI Z21.69-2015)  
Public Review Date: Feb 28, 2020 | Final Action Date: Apr 15, 2020 | [Approved](#)

**CSA (CSA America Standards Inc.)**

- ▶ ANSI Z21.71-1993 (R2021), and ANSI Z21.71a-2004 (R2021), Automatic Intermittent Pilot Ignition Systems for Field Installation (reaffirmation of ANSI Z21.71-1993 (R2016), and ANSI Z21.71a-2004 (R2016))  
Public Review Date: Aug 27, 2021 | Final Action Date: Oct 12, 2021 | [Approved](#)

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- ▶ ANSI Z21.72-2019, Portable Type Gas Camp Stoves, same as CSA 11.2 (revision of ANSI Z21.72-2015)  
PINS Date: Aug 12, 2016 | Public Review Date: Feb 15, 2019 | Final Action Date: Sep 16, 2019 | [Approved](#)

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- ▶ ANSI Z21.73-2017 (R2022), Portable type gas camp lights, same as CSA 11.1 (reaffirmation of ANSI Z21.73-2017)  
Public Review Date: May 6, 2022 | Final Action Date: Jul 11, 2022 | [Approved](#)

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- ▶ ANSI Z21.74-2017 (R2022), Portable Refrigerators, same as CSA Z21.74 (reaffirmation of ANSI Z21.74-2017)  
Public Review Date: Jul 29, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI Z21.75-2016 (R2020), Connectors for outdoor gas appliances and manufactured homes, same as Z21.75 (reaffirmation of ANSI Z21.75-2016)  
Public Review Date: Jul 24, 2020 | Final Action Date: Nov 19, 2020 | [Approved](#)

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- ▶ ANSI Z21.76-2016 (R2021), Gas-fired unvented catalytic room heaters for use with propane gas, same as Z21.76 (reaffirmation of ANSI Z21.76-2016)  
Public Review Date: Aug 13, 2021 | Final Action Date: Sep 28, 2021 | [Approved](#)

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- ▶ ANSI Z21.77-2005 (R2020), Standard for Manually-Operated Piezo-Electric Spark Gas Ignition Systems and Components (same as CSA 6.23) (reaffirmation of ANSI Z21.77-2005 (R2015))  
Public Review Date: Nov 29, 2019 | Final Action Date: Jan 14, 2020 | [Approved](#)

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- ▶ ANSI Z21.78-2010 (R2020)/CSA 6.20-2010 (R2020), Combination Gas Controls For Gas Appliances, Same As CSA 6.20 (reaffirmation of ANSI Z21.78-2010 (R2015)/CSA 6.20-2010 (R2015))  
Public Review Date: Dec 20, 2019 | Final Action Date: Feb 4, 2020 | [Approved](#)

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- ▶ ANSI Z21.78A-2020/CSA 6.20A-2020, Standard For Combination Gas Controls For Gas Appliances, same as Z21.78a (addenda to ANSI Z21.78-2010 (R2020)/CSA 6.20-2010 (R2020))  
PINS Date: Jul 10, 2020 | Public Review Date: Nov 6, 2020 | Final Action Date: Jan 4, 2021 | [Approved](#)

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- ▶ ANSI Z21.79-1997 (R2021), Gas appliance sediment traps, same as CGA 6.21, same as 2010 (R2017) (reaffirmation of ANSI Z21.79-1997 (R2017), ANSI Z21.79a-2005 (R2017), ANSI Z21.79b-2010 (R2017))  
Public Review Date: Aug 27, 2021 | Final Action Date: Oct 12, 2021 | [Approved](#)

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- ▶ ANSI Z21.8-1994 (R2022), Installation Of Domestic Gas Conversion Burners, Same As Csa Z21.8 (reaffirmation of ANSI Z21.8-1994 (R2017))  
Public Review Date: Jun 24, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)

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- ▶ ANSI Z21.80-2019, Line Pressure Regulators, same as CSA 6.22-201x (revision and redesignation of ANSI Z21.80 -2011 (R2016), ANSI Z21.80a-2012 (R2016))  
PINS Date: Jan 12, 2018 | Public Review Date: May 18, 2018 | Final Action Date: Feb 4, 2019 | [Approved](#)

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- ▶ ANSI Z21.81-2005/CSA 6.25-2005 (R2015), Cylinder Connection Devices, same as CSA 6.25 (reaffirmation of ANSI Z21.81-2004 (R2015), Z21.81a-2006 (R2015))  
Public Review Date: Jan 31, 2020 | Final Action Date: Mar 17, 2020 | [Approved](#)

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- ▶ ANSI Z21.84-2017 (R2021), Manually lighted, natural gas, decorative gas appliances for installation in solid-fuel burning appliances, same as CSA Z21.84 (reaffirmation of ANSI Z21.84-2017)  
Public Review Date: Oct 15, 2021 | Final Action Date: Dec 16, 2021 | [Approved](#)

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- ▶ ANSI Z21.86-2016 (R2021), Vented gas-fired space heating appliances, same as CSA 2.32 (reaffirmation of ANSI Z21.86-2016)  
Public Review Date: Sep 24, 2021 | Final Action Date: Nov 9, 2021 | [Approved](#)

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**CSA (CSA America Standards Inc.)**

- ▶ ANSI Z21.87-2007 (R2017) and ANS Z21.87a- 2010 (R2017), Automatic Gas shutoff devices for hot water supply systems and component (reaffirmation of ANSI Z21.87-2007 (R2011) and Add A)  
Public Review Date: Oct 28, 2016 | Final Action Date: Jan 3, 2017 | [Approved](#)
- ▶ ANSI Z21.87-2007 (R2021) and ANS Z21.87a-2010 (R2021), Automatic gas shutoff devices for hot water supply systems, same as CSA 4.6 (reaffirmation of ANSI Z21.87-2007 (R2017) and ANS Z21.87a-2010 (R2017))  
Public Review Date: Aug 27, 2021 | Final Action Date: Oct 12, 2021 | [Approved](#)
- ▶ ANSI Z21.88-2019, Vented gas fireplace heaters, same as CSA 2.33 (revision and redesignation of ANSI Z21.88-2017)  
PINS Date: Jan 25, 2019 | Public Review Date: Mar 15, 2019 | Final Action Date: Jul 22, 2019 | [Approved](#)
- ▶ ANSI Z21.89-2017, Outdoor Cooking Specialty Gas Appliances (Same as CSA 1.18-201x) (revision, redesignation and consolidation of ANSI Z21.89-2013, ANSI Z21.89-2007 (R2012), ANSI Z21.89b-2012)  
PINS Date: Aug 9, 2013 | Public Review Date: Jun 16, 2017 | Final Action Date: Aug 24, 2017 | [Approved](#)
- ▶ ANSI Z21.90-2019, Gas Convenience Outlets and Optional Enclosures, same as CSA 6.24 (revision of ANSI Z21.90-2015)  
PINS Date: Jul 6, 2018 | Public Review Date: Apr 5, 2019 | Final Action Date: Nov 11, 2019 | [Approved](#)
- ▶ ANSI Z21.90a-2021/CSA 6.24A-2021, Gas Convenience Outlets and Optional Enclosures, same as CSA 6.24a (addenda to ANSI Z21.90-2019)  
PINS Date: Nov 13, 2020 | Public Review Date: Jan 22, 2021 | Final Action Date: Mar 9, 2021 | [Approved](#)
- ▶ ANSI Z21.91-2017, Ventless Firebox Enclosures for Gas-Fired Unvented Decorative Room Heaters, same as BSR Z21.91-201x, same as BSR Z21.91-201x (revision of ANSI Z21.91-2007 (R2012))  
Public Review Date: Aug 26, 2016 | Final Action Date: Jan 3, 2017 | [Approved](#)
- ▶ ANSI Z21.91-2019, Ventless Firebox Enclosures For Gas-Fired Unvented Gas Log Type Room Heaters (revision of ANSI Z21.91-2001 (R2005))  
PINS Date: Apr 6, 2018 | Public Review Date: Jul 5, 2019 | Final Action Date: Dec 30, 2019 | [Approved](#)
- ▶ ANSI Z21.92-2001 (R2021) Add A & Add B (R2021), Manually Operated Electric Gas Ignition Systems and Components, same as CSA 6.29 (reaffirmation of ANSI Z21.92-2001 (R2016) Add A & Add B (R2016))  
Public Review Date: Aug 27, 2021 | Final Action Date: Oct 12, 2021 | [Approved](#)
- ▶ ANSI Z21.93-2017 (R2022), Excess flow valves for natural gas and propane gas with pressures up to 5 psig, same as CSA 6.30 (reaffirmation of ANSI Z21.93-2017)  
Public Review Date: Feb 4, 2022 | Final Action Date: Mar 22, 2022 | [Approved](#)
- ▶ ANSI Z21.94-2005 (R2021), ANSI Z21.94a-2007 (R2021), Automatic Flammable Vapor Sensor Systems And Components, Same As CSA 6.31 (reaffirmation of ANSI Z21.94-2005 (R2016), ANSI Z21.94a-2007 (R2016))  
Public Review Date: Mar 5, 2021 | Final Action Date: Apr 22, 2021 | [Approved](#)
- ▶ ANSI Z21.96-2019, Portable water heaters for outdoor use, same as CSA 11.6 (revision of ANSI Z21.96-2014)  
PINS Date: Jun 30, 2017 | Public Review Date: Feb 22, 2019 | Final Action Date: Oct 11, 2019 | [Approved](#)
- ▶ ANSI Z21.96a-2021, Portable Water Heatersfor Outdoor Use, same as CSA 11.6a (addenda to ANSI Z21.96-2019)  
PINS Date: Jul 9, 2021 | Public Review Date: Oct 22, 2021 | Final Action Date: Jan 4, 2022 | [Approved](#)
- ▶ ANSI Z21.97-2017 (R2022), Outdoor decorative gas appliances (same as CSA 2.41) (reaffirmation of ANSI Z21.97-2017)  
Public Review Date: Jul 29, 2022 | Final Action Date: Dec 1, 2022 | [Approved](#)
- ▶ ANSI Z21.98-2015 (R2020), Non-metallic dip tubes for use in water heaters, same as CSA 4.10 (reaffirmation of ANSI Z21.98-2015)  
Public Review Date: Mar 6, 2020 | Final Action Date: May 8, 2020 | [Approved](#)

**CSA (CSA America Standards Inc.)**

- ▶ ANSI Z83.11-2016/CSA 1.8-2016 (R2021), Gas Food Service Equipment, same as CSA 1.8 (reaffirmation of ANSI Z83.11-2016/CSA 1.8-2016)  
Public Review Date: Nov 27, 2020 | Final Action Date: Jan 14, 2021 | [Approved](#)
- ▶ ANSI Z83.18-2016 (R2021), Recirculating direct gas-fired heating and forced ventilation appliances for commercial and industrial applications, same as Z83.18 (reaffirmation of ANSI Z83.18-2016)  
Public Review Date: Mar 26, 2021 | Final Action Date: May 13, 2021 | [Approved](#)
- ▶ ANSI Z83.19-2017/CSA 2.35-2017 (R2022), Gas-fired high-intensity infrared heaters (same as CSA 2.35) (reaffirmation of ANSI Z83.19-2017)  
Public Review Date: Jun 24, 2022 | Final Action Date: Sep 16, 2022 | [Approved](#)
- ▶ ANSI Z83.20-2016 (R2021), Gas-fired tubular and low-intensity infrared heaters, same as Z83.20-2016 (R202x, same as ANSI Z83.20-2016 (reaffirmation of ANSI Z83.20-2016)  
Public Review Date: Oct 29, 2021 | Final Action Date: Dec 14, 2021 | [Approved](#)
- ▶ ANSI Z83.21-2019, Z83.21 Commercial Dishwashers, same as Z83.21 (revision of ANSI Z83.21-2017)  
PINS Date: Mar 30, 2018 | Public Review Date: Aug 2, 2019 | Final Action Date: Dec 5, 2019 | [Approved](#)
- ▶ ANSI Z83.25 (CSA3.19)-2016 (R2021), Direct gas-fired process air heaters, same as CSA 3.19 (reaffirmation of ANSI Z83.25 (CSA3.19)-2016)  
Public Review Date: Mar 26, 2021 | Final Action Date: May 13, 2021 | [Approved](#)
- ▶ ANSI Z83.26-2014, Standard for Gas-Fired Outdoor Infrared Patio Heaters (same as CSA 2.37) (revision, redesignation and consolidation of ANSI Z83.26-2007 (R2012), ANSI Z83.26a-2008 (R2012))  
Public Review Date: Apr 11, 2014 | Final Action Date: Jun 9, 2014 | [Approved](#)
- ▶ ANSI Z83.26-2020/CSA 2.37-2020, Gas-Fired Outdoor Infrared Patio Heaters, Same as CSA 2.37 (revision and redesignation of BSR Z83.26-202x)  
PINS Date: Aug 9, 2019 | Public Review Date: Sep 4, 2020 | Final Action Date: Oct 22, 2020 | [Approved](#)
- ▶ ANSI Z83.4-2016 (R2022), Non-Recirculating Direct Gas-Fired Heating And Forced Ventilation Appliances For Commercial And Industrial Application, same as CSA 3.7-2016 (reaffirmation of ANSI Z83.4-2016)  
Public Review Date: Jan 14, 2022 | Final Action Date: Mar 3, 2022 | [Approved](#)
- ▶ ANSI Z83.7-2017, Gas-Fired Construction Heaters, same as CSA 2.14 (revision of ANSI Z83.7-2011 (R2016))  
PINS Date: Sep 9, 2016 | Public Review Date: Jan 20, 2017 | Final Action Date: Nov 28, 2017 | [Approved](#)
- ▶ ANSI Z83.8-2015 (R2021), Gas unit heaters, gas packaged heaters, gas utility heaters, and gas-fired duct furnaces, same as BSR Z83.8 (reaffirmation of ANSI Z83.8-2015)  
PINS Date: May 18, 2018 | Public Review Date: Oct 1, 2021 | Final Action Date: Nov 30, 2021 | [Approved](#)
- ▶ ANSI/CAN/CSA ISO 12617-2016 (R2021), Road vehicles - Liquified natural gas (LNG) refuelling connector - 3,1 MPa connector (reaffirm a national adoption ANSI/CSA 12617-2016)  
Public Review Date: Feb 26, 2021 | Final Action Date: Apr 29, 2021 | [Approved](#)
- ▶ ANSI/CHMC 2-2019, Test methods for evaluating material compatibility in compressed hydrogen applications - Polymers. (new standard)  
PINS Date: Apr 7, 2017 | Public Review Date: Nov 23, 2018 | Final Action Date: Jul 29, 2019 | [Approved](#)
- ▶ ANSI/CSA 13.1-2021, Combined heat and power appliances (new standard)  
PINS Date: Feb 15, 2019 | Public Review Date: Sep 17, 2021 | Final Action Date: Dec 10, 2021 | [Approved](#)
- ▶ ANSI/CSA 3.21-2019, Standard for Industrial Gas-Fired Natural Draft Heaters for Installation in Non-Hazardous and Hazardous Locations in Oil and Gas Process Applications (new standard)  
PINS Date: Nov 15, 2013 | Public Review Date: Dec 28, 2018 | Final Action Date: Mar 12, 2019 | [Approved](#)

**CSA (CSA America Standards Inc.)**

- ▶ ANSI/CSA B149.6-2019, Code for digester gas, landfill gas, and biogas generation and utilization (revision and redesignation of ANSI B149.6-2015)  
PINS Date: Aug 17, 2018 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 15, 2019 | [Approved](#)
- ▶ ANSI/CSA B22734-2022, Hydrogen generators using water electrolysis - Industrial, commercial, and residential applications (national adoption with modifications of ISO 22734:2019)  
PINS Date: Aug 20, 2021 | Public Review Date: Jun 17, 2022 | Final Action Date: Nov 11, 2022 | [Approved](#)
- ▶ ANSI/CSA C22.2 No. 184.2-2019, Solid-state controls for lighting systems (SSCLS) (new standard)  
PINS Date: Mar 22, 2019 | Public Review Date: Jul 19, 2019 | Final Action Date: Oct 22, 2019 | [Approved](#)
- ▶ ANSI/CSA C22.2 No. 19085-1-2019, Woodworking machines -- Safety -- Part 1: Common requirements (national adoption with modifications of ISO 19085-1)  
PINS Date: Mar 31, 2017 | Public Review Date: Jul 19, 2019 | Final Action Date: Sep 24, 2019 | [Approved](#)
- ▶ ANSI/CSA C22.2 No. 19085-11-2022, Woodworking machines — Safety —Part 11: Combined machines (national adoption with modifications of ISO 19085-11)  
PINS Date: Sep 10, 2021 | Public Review Date: Jul 15, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)
- ▶ ANSI/CSA C22.2 No. 19085-13-2022, Woodworking machines — Safety — Part 13: Multi-blade rip sawing machines with manual loading and/or unloading (national adoption with modifications of ISO 19085-13)  
PINS Date: Sep 10, 2021 | Public Review Date: Jul 15, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)
- ▶ ANSI/CSA C22.2 No. 19085-6-2021, Woodworking machines — Safety — Part 6: Single spindle vertical moulding machines (toupies) (national adoption with modifications of ISO 19085-6)  
PINS Date: Nov 8, 2019 | Public Review Date: Nov 6, 2020 | Final Action Date: Jan 25, 2021 | [Approved](#)
- ▶ ANSI/CSA C22.2 No. 19085-8-2021, Woodworking machines — Safety — Part 8: Belt sanding and calibrating machines for straight workpieces (national adoption with modifications of ISO 19085-8)  
PINS Date: Nov 8, 2019 | Public Review Date: Nov 6, 2020 | Final Action Date: Jan 25, 2021 | [Approved](#)
- ▶ ANSI/CSA C22.2 No. 273-2019, Cablebus (new standard)  
PINS Date: Jul 24, 2015 | Public Review Date: May 24, 2019 | Final Action Date: Jul 31, 2019 | [Approved](#)
- ▶ ANSI/CSA C22.2 No. 298-2021, High Voltage Couplers (new standard)  
PINS Date: Mar 1, 2019 | Public Review Date: Apr 9, 2021 | Final Action Date: Jul 26, 2021 | [Approved](#)
- ▶ ANSI/CSA C22.2 No. 336-2018, Particular requirements for rechargeable battery-operated commercial robotic floor treatment machines with traction drives (new standard)  
PINS Date: Nov 11, 2016 | Public Review Date: Sep 15, 2017 | Final Action Date: Dec 4, 2017 | [Approved](#)
- ▶ ANSI/CSA C22.2 No. 339-2019, Hand-held motor operated electric tools - Safety - Particular requirements for chain beam saws (revision of ANSI/CSA C22.2 No. 339-2018)  
PINS Date: Jan 4, 2019 | Public Review Date: Mar 1, 2019 | Final Action Date: May 23, 2019 | [Approved](#)
- ▶ ANSI/CSA C450-2018, Photovoltaic (PV) module testing protocol for quality assurance programs (new standard)  
PINS Date: May 8, 2015 | Public Review Date: Apr 20, 2018 | Final Action Date: Oct 18, 2018 | [Approved](#)
- ▶ ANSI/CSA CHMC 1-2014 (R2018), Test Methods For Evaluating Material Compatibility In Compressed Hydrogen Applications - Metals (reaffirmation of ANSI/CSA CHMC 1-2014)  
Public Review Date: Sep 7, 2018 | Final Action Date: Sep 27, 2018 | [Approved](#)
- ▶ ANSI/CSA FC 3-2004 (R2021), Portable Fuel Cell Power Systems (reaffirmation of ANSI/CSA FC3-2004 (R2017))  
Public Review Date: Jun 11, 2021 | Final Action Date: Aug 12, 2021 | [Approved](#)

**CSA (CSA America Standards Inc.)**

- ▶ ANSI/CSA FC 5-2021, Hydrogen generators using fuel processing technologies - Part 1: Safety (national adoption with modifications of ISO 16110-1)  
PINS Date: Nov 6, 2009 | Public Review Date: Jan 27, 2017 | Final Action Date: Jan 6, 2021 | [Approved](#)

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- ▶ ANSI/CSA FC 6-2018, Fuel cell technologies Part 2: Fuel cell modules (national adoption with modifications of IEC 62282-2-100)  
PINS Date: Oct 6, 2017 | Public Review Date: Aug 31, 2018 | Final Action Date: Nov 20, 2018 | [Approved](#)

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- ▶ ANSI/CSA HGV 2-2021, Compressed hydrogen gas vehicle fuel containers (revision of ANSI/CSA HGV 2-2014 (R2019))  
PINS Date: Aug 30, 2019 | Public Review Date: Oct 23, 2020 | Final Action Date: Jan 8, 2021 | [Approved](#)

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- ▶ ANSI/CSA HGV 3.1-2022, Fuel system components for compressed hydrogen gas powered vehicles (revision of ANSI/CSA HGV 3.1-2014 (R2019))  
PINS Date: May 21, 2021 | Public Review Date: Jul 8, 2022 | Final Action Date: Sep 20, 2022 | [Approved](#)

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- ▶ ANSI/CSA HGV 4.1-202x, Hydrogen dispensing systems (revision of ANSI/CSA HGV 4.1-2013 (R2019))  
PINS Date: Nov 23, 2018 | Public Review Date: Dec 20, 2019 | Final Action Date: Mar 2, 2020 | [Approved](#)

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- ▶ ANSI/CSA HGV 4.10-2020, Standard For Fittings for use in compressed gaseous hydrogen fueling stations (revision of ANSI/CSA HGV 4.10-2012 (R2019))  
PINS Date: Mar 20, 2020 | Public Review Date: Jun 26, 2020 | Final Action Date: Nov 30, 2020 | [Approved](#)

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- ▶ ANSI/CSA HGV 4.2-2022, Hoses for dispensing compressed gaseous hydrogen (revision of ANSI/CSA HGV 4.2-2013 (R2019))  
PINS Date: Dec 4, 2020 | Public Review Date: Nov 26, 2021 | Final Action Date: Feb 11, 2022 | [Approved](#)

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- ▶ ANSI/CSA HGV 4.3-2022, Test methods for hydrogen fueling parameter evaluation (revision of ANSI/CSA HGV 4.3-2019)  
PINS Date: Dec 4, 2020 | Public Review Date: Apr 23, 2021 | Final Action Date: Jan 6, 2022 | [Approved](#)

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- ▶ ANSI/CSA HGV 4.4-2013 (R2018), Standard for breakaway devices for compressed hydrogen dispensing hoses and systems (reaffirmation of ANSI/CSA HGV 4.4-2013)  
Public Review Date: Mar 2, 2018 | Final Action Date: Apr 25, 2018 | [Approved](#)

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- ▶ ANSI/CSA HGV 4.4-2021, Gaseous hydrogen - Fuelling stations: Valves (national adoption with modifications of ISO 19880-3:2018)  
PINS Date: Jun 26, 2020 | Public Review Date: Feb 26, 2021 | Final Action Date: Apr 29, 2021 | [Approved](#)

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- ▶ ANSI/CSA HGV 4.6-2013 (R2018), Manually operated valves for use in gaseous hydrogen vehicle fueling stations (reaffirmation of ANSI/CSA HGV 4.6-2013)  
Public Review Date: Mar 2, 2018 | Final Action Date: Apr 25, 2018 | [Approved](#)

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- ▶ ANSI/CSA HGV 4.8-2012 (R2018), Hydrogen gas vehicle fueling station compressor guidelines (reaffirmation of ANSI/CSA HGV 4.8-2012)  
Public Review Date: May 18, 2018 | Final Action Date: Sep 20, 2018 | [Approved](#)

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- ▶ ANSI/CSA HGV 4.9-2020, Hydrogen Fueling Stations (new standard)  
PINS Date: Nov 23, 2018 | Public Review Date: Oct 4, 2019 | Final Action Date: Jan 27, 2020 | [Approved](#)

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- ▶ ANSI/CSA HPRD 1-2021, Thermally activated pressure relief devices for compressed hydrogen vehicle fuel containers (revision of ANSI/CSA HPRD 1-2013 (R2018))  
PINS Date: Feb 28, 2020 | Public Review Date: Jan 22, 2021 | Final Action Date: Mar 16, 2021 | [Approved](#)

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- ▶ ANSI/CSA ISO 27916-2019, Carbon dioxide storage using enhanced oil recovery (CO2-EOR) (identical national adoption of ISO 27916-19)  
PINS Date: Mar 29, 2019 | Public Review Date: Jun 14, 2019 | Final Action Date: Aug 26, 2019 | [Approved](#)

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**CSA (CSA America Standards Inc.)**

- ▶ ANSI/CSA LC 4/CSA 6.32-2022, Press-Connect Metallic Fittings For Use In Fuel Gas Distribution Systems (revision of ANSI/CSA LC 4-2012 (R2021), CSA 6.32-2012 (R2021) and LC4a-2013 (R2021), CSA 6.32a-2013 (R2021))  
PINS Date: Aug 6, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Jan 27, 2022 | [Approved](#)
- ▶ ANSI/CSA LC 6-2008 (R2018), Natural Gas Diaphragm Pumps (reaffirmation of ANSI/CSA LC 6-2008 (R2013))  
Public Review Date: Jan 26, 2018 | Final Action Date: Dec 7, 2018 | [Approved](#)
- ▶ ANSI/CSA LC 7-2009 (R2019), Pipe Joint Compound (reaffirmation of ANSI/CSA LC 7-2009 (R2014))  
Public Review Date: Mar 22, 2019 | Final Action Date: Jun 28, 2019 | [Approved](#)
- ▶ ANSI/CSA LNG 3.1-2022, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 1: General requirements and definitions (revision of ANSI/CSA LNG 3.1-2018)  
PINS Date: Oct 1, 2021 | Public Review Date: Apr 8, 2022 | Final Action Date: Aug 25, 2022 | [Approved](#)
- ▶ ANSI/CSA LNG 3.10-2022, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 10: Rigid fuel line in stainless steel (revision of ANSI/CSA LNG 3.10-2018)  
PINS Date: Oct 1, 2021 | Public Review Date: Apr 8, 2022 | Final Action Date: Aug 25, 2022 | [Approved](#)
- ▶ ANSI/CSA LNG 3.11-2022, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 11: Fittings (revision of ANSI/CSA LNG 3.11-2018)  
PINS Date: Oct 1, 2021 | Public Review Date: Apr 8, 2022 | Final Action Date: Aug 25, 2022 | [Approved](#)
- ▶ ANSI/CSA LNG 3.12-2022, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 12: Rigid fuel line in copper and its alloys (revision of ANSI/CSA LNG 3.12-2018)  
PINS Date: Oct 1, 2021 | Public Review Date: Apr 8, 2022 | Final Action Date: Aug 25, 2022 | [Approved](#)
- ▶ ANSI/CSA LNG 3.13-2022, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 13: Tank pressure control regulator (national adoption of ISO 12614-13 with modifications and revision of ANSI/CSA LNG 3.13-2018)  
PINS Date: Apr 29, 2022 | Public Review Date: Jun 3, 2022 | Final Action Date: Aug 25, 2022 | [Approved](#)
- ▶ ANSI/CSA LNG 3.14-2022, Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 14: Differential pressure fuel content gauge (identical national adoption of ISO 12614-14 and revision of ANSI/CSA LNG 3.14-2018)  
PINS Date: Apr 29, 2022 | Public Review Date: Jun 3, 2022 | Final Action Date: Aug 25, 2022 | [Approved](#)
- ▶ ANSI/CSA LNG 3.15-2022, Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 15: Capacitance fuel content gauge (national adoption of ISO 12614-15 with modifications and revision of ANSI/CSA LNG 3.15-2018)  
PINS Date: Apr 29, 2022 | Public Review Date: Jun 3, 2022 | Final Action Date: Aug 25, 2022 | [Approved](#)
- ▶ ANSI/CSA LNG 3.16-2022, Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 16: Heat exchanger vaporizer (identical national adoption of ISO 12614-16 and revision of ANSI/CSA LNG 3.16-2018)  
PINS Date: Apr 29, 2022 | Public Review Date: Jun 3, 2022 | Final Action Date: Aug 25, 2022 | [Approved](#)
- ▶ ANSI/CSA LNG 3.18-2022, Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 18: Gas temperature sensor (national adoption of ISO 12614-18 with modifications and revision of ANSI/CSA LNG 3.18-2018)  
PINS Date: Apr 29, 2022 | Public Review Date: Jun 3, 2022 | Final Action Date: Aug 25, 2022 | [Approved](#)
- ▶ ANSI/CSA LNG 3.19-2022, Road vehicles – Liquefied natural gas (LNG) fuel system components – Part 19: Automatic valve (identical national adoption of ISO 12614-19 and revision of ANSI/CSA LNG 3.19-2018)  
PINS Date: Apr 29, 2022 | Public Review Date: Jun 3, 2022 | Final Action Date: Aug 25, 2022 | [Approved](#)
- ▶ ANSI/CSA LNG 3.2-2022, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 2: Performance and general test methods (revision of ANSI/CSA LNG 3.2-2018) (national adoption of ISO 12614-2 with modifications and revision of ANSI/CSA LNG 3.2-2018)  
PINS Date: Oct 1, 2021 | Public Review Date: Jun 17, 2022 | Final Action Date: Aug 25, 2022 | [Approved](#)

**CSA (CSA America Standards Inc.)**

- ▶ ANSI/CSA LNG 3.20-2020, LNG Fuel System Components-Part 20 flexible fuel or vent lines (new standard)  
PINS Date: Apr 5, 2019 | Public Review Date: Aug 30, 2019 | Final Action Date: Jan 9, 2020 | [Approved](#)

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- ▶ ANSI/CSA LNG 3.3-2022, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 3: Check valve (revision of ANSI/CSA LNG 3.3-2018)  
PINS Date: Oct 1, 2021 | Public Review Date: Apr 8, 2022 | Final Action Date: Aug 25, 2022 | [Approved](#)

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- ▶ ANSI/CSA LNG 3.4-2022, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 4: Manual valve (revision of ANSI/CSA LNG 3.4-2018)  
PINS Date: Oct 1, 2021 | Public Review Date: Apr 8, 2022 | Final Action Date: Aug 25, 2022 | [Approved](#)

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- ▶ ANSI/CSA LNG 3.5-2022, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 5: Tank pressure gauge (revision of ANSI/CSA LNG 3.5-2018)  
PINS Date: Oct 1, 2021 | Public Review Date: Apr 8, 2022 | Final Action Date: Aug 25, 2022 | [Approved](#)

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- ▶ ANSI/CSA LNG 3.7-2022, Road Vehicles - Liquefied natural gas (LNG) fuel system components - Part 7: Pressure relief valve (revision of ANSI/CSA LNG 3.7-2018)  
PINS Date: Oct 1, 2021 | Public Review Date: Apr 8, 2022 | Final Action Date: Aug 25, 2022 | [Approved](#)

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- ▶ ANSI/CSA LNG 3.8-2022, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 8: Excess flow valve (revision of ANSI/CSA LNG 3.8-2018)  
PINS Date: Oct 1, 2021 | Public Review Date: Apr 8, 2022 | Final Action Date: Aug 25, 2022 | [Approved](#)

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- ▶ ANSI/CSA LNG 3.9-2022, Road vehicles - Liquefied natural gas (LNG) fuel system components - Part 9: Gas-tight housing and ventilation hose (revision of ANSI/CSA LNG 3.9-2018)  
PINS Date: Oct 1, 2021 | Public Review Date: Apr 8, 2022 | Final Action Date: Aug 25, 2022 | [Approved](#)

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- ▶ ANSI/CSA LNG 4.2-2020/CSA LNG 4.2-2020 , Hoses for Liquefied natural gas (LNG) dispensing systems for natural gas vehicles (NGV) (new standard)  
PINS Date: Apr 5, 2019 | Public Review Date: Sep 6, 2019 | Final Action Date: Mar 24, 2020 | [Approved](#)

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- ▶ ANSI/CSA LNG 4.4-2020, Breakaway Devices for Liquefied Natural Gas (LNG) Dispensing (new standard)  
PINS Date: Jan 4, 2013 | Public Review Date: Nov 29, 2019 | Final Action Date: Mar 10, 2020 | [Approved](#)

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- ▶ ANSI/CSA NGV 1-2022, Compressed Natural Gas Vehicle (NGV) Fueling Connection Devices (revision of ANSI/CSA NGV1-2017)  
PINS Date: Feb 5, 2021 | Public Review Date: Aug 19, 2022 | Final Action Date: Oct 12, 2022 | [Approved](#)

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- ▶ ANSI/CSA NGV 3.1-2020, Fuel system components for compressed natural gas powered vehicles (revision of ANSI/CSA NGV 3.1/CSA 12.3-2014 (R2019))  
PINS Date: Nov 9, 2018 | Public Review Date: Jan 31, 2020 | Final Action Date: Mar 17, 2020 | [Approved](#)

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- ▶ ANSI/CSA NGV 3.1-2022, Fuel system components for compressed natural gas powered vehicles (addenda to ANSI/CSA NGV 3.1-2020)  
Public Review Date: Dec 3, 2021 | Final Action Date: Jan 27, 2022 | [Approved](#)

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- ▶ ANSI/CSA NGV 3.1/CSA 12.3-2014 (R2019), Fuel System Components For Compressed Natural Gas Powered Vehicles (reaffirmation of ANSI/CSA NGV 3.1/CSA 12.3-2014)  
Public Review Date: Nov 23, 2018 | Final Action Date: Jan 18, 2019 | [Approved](#)

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- ▶ ANSI/CSA NGV 4.1/CSA 12.5-2018 (R2022), Natural gas vehicle (NGV) dispensing systems (reaffirmation of ANSI/CSA NGV 4.1/CSA 12.5-2018)  
Public Review Date: May 6, 2022 | Final Action Date: Jul 11, 2022 | [Approved](#)

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- ▶ ANSI/CSA NGV 4.2-2022, Hose and hose assemblies for natural gas dispensing systems (revision of ANSI/CSA NGV 4.2-2014 (R2019))  
PINS Date: Feb 5, 2021 | Public Review Date: Mar 18, 2022 | Final Action Date: Jul 11, 2022 | [Approved](#)

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**CSA (CSA America Standards Inc.)**

- ▶ ANSI/CSA NGV 4.3-2022, Temperature compensation for compressed natural gas vehicle fueling (new standard)  
PINS Date: Mar 4, 2022 | Public Review Date: Apr 15, 2022 | Final Action Date: Aug 25, 2022 | [Approved](#)

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- ▶ ANSI/CSA NGV 4.4-2021, Breakaway devices for natural gas dispensing hoses and systems (revision and redesignation of ANSI/IAS NGV 4.4/CSA 12.54-1999 (R2019))  
PINS Date: Nov 1, 2019 | Public Review Date: Jun 5, 2020 | Final Action Date: Dec 22, 2020 | [Approved](#)

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- ▶ ANSI/CSA NGV 4.6-2020, Manually operated valves for natural gas dispensing systems (revision and redesignation of ANSI/IAS NGV 4.6/CSA 12.56-1999 (R2019))  
PINS Date: Nov 1, 2019 | Public Review Date: Apr 10, 2020 | Final Action Date: Sep 14, 2020 | [Approved](#)

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- ▶ ANSI/CSA NGV 4.7-2020, Automatically pressure operated valves for natural gas dispensing systems (new standard)  
PINS Date: Nov 1, 2019 | Public Review Date: Sep 25, 2020 | Final Action Date: Dec 1, 2020 | [Approved](#)

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- ▶ ANSI/CSA NGV 5.1-2022, Residential fueling appliances (revision of ANSI/CSA NGV 5.1-2016 (R2020))  
PINS Date: Feb 5, 2021 | Public Review Date: Mar 25, 2022 | Final Action Date: Dec 20, 2022 | [Approved](#)

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- ▶ ANSI/CSA NGV 5.2-2022, Vehicle fueling appliances (VFA) (revision of ANSI/CSA NGV 5.2-2017 (R2021))  
PINS Date: Feb 5, 2021 | Public Review Date: Apr 8, 2022 | Final Action Date: Dec 20, 2022 | [Approved](#)

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- ▶ ANSI/CSA NGV 6.1-2022, Compressed natural gas (CNG) fuel storage and delivery systems for road vehicles (addenda to ANSI/CSA NGV 6.1-2021)  
PINS Date: Aug 12, 2022 | Public Review Date: Oct 14, 2022 | Final Action Date: Dec 15, 2022 | [Approved](#)

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- ▶ ANSI/CSA NGV1-2017 (R2021), Compressed natural gas vehicle (NGV) fueling connection devices (reaffirmation of ANSI/CSA NGV1-2017)  
Public Review Date: May 28, 2021 | Final Action Date: Jul 13, 2021 | [Approved](#)

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- ▶ ANSI/CSA NGV2-2019, Compressed Natural Gas Vehicle Fuel Containers (revision of ANSI/CSA NGV2-2016)  
PINS Date: Jul 20, 2018 | Public Review Date: Sep 14, 2018 | Final Action Date: Jan 28, 2019 | [Approved](#)

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- ▶ ANSI/CSA PRD 1-2021, Pressure relief devices for natural gas vehicle (NGV) fuel containers (addenda to ANSI/PRD 1-2020)  
PINS Date: Oct 9, 2020 | Public Review Date: Jan 22, 2021 | Final Action Date: Mar 16, 2021 | [Approved](#)

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- ▶ ANSI/CSA T200-2022, Evaluation of software development and cybersecurity programs (new standard)  
PINS Date: Nov 9, 2018 | Public Review Date: Aug 6, 2021 | Final Action Date: Mar 10, 2022 | [Approved](#)

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- ▶ ANSI/CSA Z21.10.3-2019, Gas Water Heaters, Volume III, Storage Water Heaters with Input Ratings Above 75,000 Btu per Hour, Circulating or Instantaneous, same as CSA 4.3 (revision and redesignation of ANSI Z21.10.3-2017)  
PINS Date: Dec 29, 2017 | Public Review Date: May 3, 2019 | Final Action Date: Sep 23, 2019 | [Approved](#)

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- ▶ ANSI/CSA Z21.11.2-2019, Standard for Gas-Fired Room Heaters, Volume II, Unvented Room Heaters (revision of ANSI Z21.11.2-2016)  
PINS Date: Jan 26, 2018 | Public Review Date: Apr 20, 2018 | Final Action Date: Jun 7, 2019 | [Approved](#)

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- ▶ ANSI/CSA Z21.20/CSA C22.2 No. 60730-2-5/UL 60730-2-5-2022, Automatic electrical controls — Part 2-5: Particular requirements for automatic electrical burner control systems (revision and redesignation of ANSI Z21.20-2014/CAN/CSA C22.2 No. 60730-2-5-2014/UL 60730-2-5-2014)  
PINS Date: May 28, 2021 | Public Review Date: Feb 4, 2022 | Final Action Date: May 6, 2022 | [Approved](#)

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- ▶ ANSI/CSA Z21.47/CSA 2.3-2021, Gas-fired central furnaces, same as CSA 2.3 (revision and redesignation of ANSI Z21.47-2016)  
PINS Date: Jan 17, 2020 | Public Review Date: Jun 12, 2020 | Final Action Date: Apr 21, 2021 | [Approved](#)

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- ▶ ANSI/CSA Z21.56-2019, Gas-fired Pool Heaters, same as CSA 4.7 (revision and redesignation of ANSI Z21.56-2017)  
PINS Date: Dec 29, 2017 | Public Review Date: May 3, 2019 | Final Action Date: Sep 23, 2019 | [Approved](#)

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**CSA (CSA America Standards Inc.)**

- ▶ ANSI/CSA Z5020-2023, Building energy modelling (new standard)  
PINS Date: Jan 31, 2020 | Public Review Date: Aug 19, 2022 | Final Action Date: Dec 16, 2022 | [Approved](#)
- ▶ ANSI/CSA Z741-2012 (R2018), Geological Storage of Carbon Dioxide (reaffirmation of ANSI/CSA Z741-2012)  
Public Review Date: Sep 22, 2017 | Final Action Date: Jan 12, 2018 | [Approved](#)
- ▶ ANSI/CSA/IGSHPA C448 SERIES-2016 (R2021), Design and installation of ground source heat pump systems for commercial and residential buildings (reaffirmation and redesignation of ANSI/CSA C448-2016)  
Public Review Date: Jan 1, 2021 | Final Action Date: Feb 25, 2021 | [Approved](#)
- ▶ ANSI/CSA/ISO Z23550-2022, Safety and control devices for gas and/or oil burners and appliances — General requirements (national adoption with modifications of ISO 23550)  
PINS Date: Aug 6, 2021 | Public Review Date: Feb 18, 2022 | Final Action Date: May 31, 2022 | [Approved](#)
- ▶ ANSI/CSA/ISO Z23551-4-2022, Safety and control devices for gas burners and gas-burning appliances — Particular requirements — Part 4: Valve-proving systems for automatic shut-off valves (national adoption with modifications of ISO 23551-4:2018)  
PINS Date: Aug 6, 2021 | Public Review Date: Feb 4, 2022 | Final Action Date: Mar 28, 2022 | [Approved](#)
- ▶ ANSI/FC 1 CSA C22.2 No. 62282-3-100-2021, Fuel cell technologies — Part 3-100: Stationary fuel cell power systems — Safety (national adoption of ISO 62282-3-100 with modifications and revision of ANSI/CSA FC-1-2014 (R2018))  
PINS Date: Dec 27, 2019 | Public Review Date: Aug 14, 2020 | Final Action Date: Feb 9, 2021 | [Approved](#)
- ▶ ANSI/IAS LC-2-1996 (R2020), Direct Gas-Fired Heaters for Agricultural Animal Confinement Buildings (reaffirmation of ANSI/IAS LC-2-1996 (R2015), ANSI/IAS LC2a-1998 (R2015))  
Public Review Date: Sep 4, 2020 | Final Action Date: Oct 26, 2020 | [Approved](#)
- ▶ ANSI/NGV 4.6a-2021, Manually operated valves for natural gas dispensing systems (addenda to ANSI/CSA NGV 4.6-2020)  
PINS Date: Feb 26, 2021 | Public Review Date: Apr 9, 2021 | Final Action Date: Jun 10, 2021 | [Approved](#)
- ▶ ANSI/PRD 1-2020, Pressure relief devices for natural gas vehicle (NGV) fuel containers (revision of ANSI/PRD 1-2013 (R2018))  
PINS Date: Nov 9, 2018 | Public Review Date: Jan 31, 2020 | Final Action Date: Mar 17, 2020 | [Approved](#)

**CTA (Consumer Technology Association)**

1919 South Eads Street, Arlington, VA 22202 | w: [www.cta.tech](http://www.cta.tech)

- ▶ ANSI/CTA 109-D-2009 (S2020), Intermediate Frequencies for Entertainment Receivers (stabilized maintenance of ANSI/CTA 109-D-2009 (R2015))  
Public Review Date: Jun 12, 2020 | Final Action Date: Sep 1, 2020 | [Approved](#)
- ▶ ANSI/CTA 2003-C-2007 (R2019), Digital Audiobook File Format and Player Requirements (reaffirmation of ANSI/CTA 2003-C-2007 (R2013))  
PINS Date: May 25, 2018 | Public Review Date: Jul 13, 2018 | Final Action Date: Jan 15, 2019 | [Approved](#)
- ▶ ANSI/CTA 2006-D-2022, Testing and Measurement Methods for In-Vehicle Audio Amplifiers (revision and redesignation of ANSI/CTA 2006-C-2019)  
PINS Date: Jun 4, 2021 | Public Review Date: Mar 25, 2022 | Final Action Date: May 17, 2022 | [Approved](#)
- ▶ ANSI/CTA 2009-B-2010 (R2021), Performance Specification for Public Alert Receivers (reaffirmation of ANSI/CTA 2009-B-2010)  
Public Review Date: Feb 19, 2021 | Final Action Date: Apr 9, 2021 | [Approved](#)
- ▶ ANSI/CTA 2010-B-2014 (R2020), Standard Method of Measurement for Powered Subwoofers (reaffirmation of ANSI/CTA 2010-B-2014)  
PINS Date: Dec 20, 2019 | Public Review Date: Feb 21, 2020 | Final Action Date: Apr 27, 2020 | [Approved](#)

**CTA (Consumer Technology Association)**

- ▶ ANSI/CTA 2014-B-2011 (R2019), Web-based Protocol and Framework for Remote User Interface on UPnP Networks and the Internet (Web4CE). (reaffirmation of ANSI/CTA 2014-B-2011)  
PINS Date: May 20, 2016 | Public Review Date: Dec 28, 2018 | Final Action Date: Mar 22, 2019 | [Approved](#)
- ▶ ANSI/CTA 2015-2007 (S2022), Mobile Electronics Cabling Standard (stabilized maintenance of ANSI/CTA 2015-2007 (R2017))  
Public Review Date: Mar 25, 2022 | Final Action Date: Sep 12, 2022 | [Approved](#)
- ▶ ANSI/CTA 2017-A-2010 (R2016), Common Interconnection For Portable Media Players (reaffirmation of ANSI/CTA 2017-A-2010)  
PINS Date: May 20, 2016 | Public Review Date: Aug 19, 2016 | Final Action Date: Oct 18, 2016 | [Approved](#)
- ▶ ANSI/CTA 2017.1-2007 (R2019), Serial Communication Protocol for Portable Electronic Devices (reaffirmation of ANSI/CTA 2017.1-2007 (R2013))  
PINS Date: May 25, 2018 | Public Review Date: Jul 13, 2018 | Final Action Date: Jan 15, 2019 | [Approved](#)
- ▶ ANSI/CTA 2020-2007 (S2019), Other VBI Waveforms (stabilized maintenance of ANSI/CTA 2020-2007 (R2014))  
PINS Date: Jun 14, 2019 | Public Review Date: Sep 6, 2019 | Final Action Date: Dec 5, 2019 | [Approved](#)
- ▶ ANSI/CTA 2028-B-2014 (R2019), Color Codes for Outdoor TV Receiving Antennas (reaffirmation of ANSI/CTA 2028-B-2014)  
PINS Date: Jun 14, 2019 | Public Review Date: Sep 6, 2019 | Final Action Date: Nov 26, 2019 | [Approved](#)
- ▶ ANSI/CTA 2028-C-2022, Color Codes for Outdoor TV Receiving Antennas (revision and redesignation of ANSI/CTA 2028-B R-2019)  
PINS Date: Jun 11, 2021 | Public Review Date: Mar 4, 2022 | Final Action Date: Apr 25, 2022 | [Approved](#)
- ▶ ANSI/CTA 2031-A-2019, Testing and Measurement Methods for In-Vehicle Loudspeaker Systems (revision and redesignation of ANSI/CTA 2031-2008 (R2014))  
PINS Date: Mar 8, 2019 | Public Review Date: Sep 13, 2019 | Final Action Date: Dec 16, 2019 | [Approved](#)
- ▶ ANSI/CTA 2032-B-2014 (R2019), Indoor TV Receiving Antenna Performance Standard (reaffirmation of ANSI/CTA 2032-B-2014)  
PINS Date: Jun 14, 2019 | Public Review Date: Sep 6, 2019 | Final Action Date: Nov 26, 2019 | [Approved](#)
- ▶ ANSI/CTA 2032-C-2022, Indoor TV Receiving Antennas Performance Standard (revision and redesignation of ANSI/CTA 2032-B R-2019)  
PINS Date: Jun 11, 2021 | Public Review Date: Mar 4, 2022 | Final Action Date: Apr 25, 2022 | [Approved](#)
- ▶ ANSI/CTA 2034-A-2015 (R2020), Standard Method of Measurement for In-Home Loudspeakers (reaffirmation of ANSI/CTA 2034-A-2015)  
PINS Date: Dec 27, 2019 | Public Review Date: Feb 21, 2020 | Final Action Date: Apr 27, 2020 | [Approved](#)
- ▶ ANSI/CTA 2037-D-2022, Determination of Television Set Power Consumption (revision and redesignation of ANSI/CTA 2037-C-2021)  
PINS Date: Dec 31, 2021 | Public Review Date: Aug 19, 2022 | Final Action Date: Oct 14, 2022 | [Approved](#)
- ▶ ANSI/CTA 2038-2012 (S2022), Command-Driven Analog IR-Synchronized Active Eyewear (stabilized maintenance of ANSI/CTA 2038-2012 (R2017))  
Public Review Date: Apr 15, 2022 | Final Action Date: Jun 6, 2022 | [Approved](#)
- ▶ ANSI/CTA 2042.1-C-2020, Wireless Power Glossary Terms (revision and redesignation of ANSI/CTA 2042.1-B-2015)  
Public Review Date: Aug 7, 2020 | Final Action Date: Sep 22, 2020 | [Approved](#)
- ▶ ANSI/CTA 2042.3-2018, Methods of Measurement for Efficiency and Standby Power of Wireless Power Systems (new standard)  
PINS Date: Feb 18, 2011 | Public Review Date: Nov 24, 2017 | Final Action Date: Feb 14, 2018 | [Approved](#)

**CTA (Consumer Technology Association)**

- ▶ ANSI/CTA 2043-A-2019, Set-top Box (STB) Power Measurement (revision and redesignation of ANSI/CTA 2043-2013)  
PINS Date: Apr 6, 2018 | Public Review Date: Sep 27, 2019 | Final Action Date: Nov 26, 2019 | [Approved](#)

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- ▶ ANSI/CTA 2045-B-2021, Modular Communications Interface for Energy Management (revision and redesignation of ANSI/CTA 2045-A-2018)  
PINS Date: Nov 29, 2019 | Public Review Date: Oct 30, 2020 | Final Action Date: Feb 11, 2021 | [Approved](#)

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- ▶ ANSI/CTA 2045.1-2014 (R2021), Modular Communications Interface for Firmware Transfer Message Set (reaffirmation of ANSI/CTA 2045.1-2014)  
PINS Date: Nov 1, 2019 | Public Review Date: Mar 13, 2020 | Final Action Date: Jul 23, 2021 | [Approved](#)

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- ▶ ANSI/CTA 2045.2 Amd 1-2018, MCI for Generic Display Message Set (addenda to ANSI/CTA 2045.2-2014)  
PINS Date: Nov 27, 2015 | Public Review Date: Feb 2, 2018 | Final Action Date: Jul 10, 2018 | [Approved](#)

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- ▶ ANSI/CTA 2045.2-A-2022, Modular Communications Interface for Generic Display Message Set (revision of ANSI/CTA 2045.2-2014)  
PINS Date: Mar 8, 2019 | Public Review Date: Apr 8, 2022 | Final Action Date: Jun 2, 2022 | [Approved](#)

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- ▶ ANSI/CTA 2045.3-2014 (R2021), Modular Communications Interface for Thermostat Message Set (reaffirmation of ANSI/CTA 2045.3-2014)  
PINS Date: Nov 1, 2019 | Public Review Date: Mar 13, 2020 | Final Action Date: Jul 23, 2021 | [Approved](#)

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- ▶ ANSI/CTA 2047-2014, CE Energy Usage Information (CE-EUI) (new standard)  
PINS Date: May 24, 2013 | Public Review Date: May 30, 2014 | Final Action Date: Aug 1, 2014 | [Approved](#)

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- ▶ ANSI/CTA 2048-A-2020, Host and Router Profiles for IPv6 (revision and redesignation of ANSI/CTA 2048-2014)  
PINS Date: Nov 1, 2019 | Public Review Date: Sep 11, 2020 | Final Action Date: Oct 27, 2020 | [Approved](#)

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- ▶ ANSI/CTA 2049-A-2020, Determination of Small Network Equipment Average Energy Consumption (revision and redesignation of ANSI/CTA 2049-2015)  
PINS Date: Feb 21, 2020 | Public Review Date: Oct 23, 2020 | Final Action Date: Dec 17, 2020 | [Approved](#)

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- ▶ ANSI/CTA 2051-A-2022, Wearable Sound Amplifier Performance Criteria (revision and redesignation of ANSI/CTA 2051-2017)  
PINS Date: Mar 18, 2022 | Public Review Date: May 13, 2022 | Final Action Date: Jun 29, 2022 | [Approved](#)

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- ▶ ANSI/CTA 2052.1-2016, Glossary of Terms for Sleep Wearable Devices (new standard)  
PINS Date: Sep 19, 2014 | Public Review Date: Jul 8, 2016 | Final Action Date: Sep 26, 2016 | [Approved](#)

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- ▶ ANSI/CTA 2056-2016, Physical Activity Monitoring for Fitness Wearables Step Counting (new standard)  
PINS Date: Oct 30, 2015 | Public Review Date: Jul 29, 2016 | Final Action Date: Oct 11, 2016 | [Approved](#)

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- ▶ ANSI/CTA 2056-A-2022, Physical Activity Monitoring for Step Counting (revision and redesignation of ANSI/CTA 2056)  
PINS Date: Feb 19, 2021 | Public Review Date: Nov 26, 2021 | Final Action Date: Feb 1, 2022 | [Approved](#)

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- ▶ ANSI/CTA 2060-2017, Interoperability Standards Series for Consumer EEG Data - File Storage (new standard)  
PINS Date: Nov 6, 2015 | Public Review Date: Aug 18, 2017 | Final Action Date: Nov 21, 2017 | [Approved](#)

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- ▶ ANSI/CTA 2063-A-2019, Small Unmanned Aerial Systems Serial Numbers (revision and redesignation of ANSI/CTA 2063-2017)  
PINS Date: Oct 26, 2018 | Public Review Date: Jul 26, 2019 | Final Action Date: Sep 3, 2019 | [Approved](#)

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- ▶ ANSI/CTA 2065-2018, Physical Activity Monitoring for Heart Rate (new standard)  
PINS Date: Jul 29, 2016 | Public Review Date: Feb 16, 2018 | Final Action Date: May 3, 2018 | [Approved](#)

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**CTA (Consumer Technology Association)**

- ▶ ANSI/CTA 2068-2020, Definitions and Characteristics of Consumer Stress Monitoring Technologies (new standard)  
PINS Date: Mar 31, 2017 | Public Review Date: Jan 3, 2020 | Final Action Date: Mar 10, 2020 | [Approved](#)

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- ▶ ANSI/CTA 2068.1-2021, Definitions and Characteristics of Consumer Technologies for Monitoring Physical and Psychosocial Stress – Heart Rate and Related Measures (new standard)  
PINS Date: Jun 12, 2020 | Public Review Date: Dec 18, 2020 | Final Action Date: Feb 23, 2021 | [Approved](#)

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- ▶ ANSI/CTA 2074-2020, Intensity Metrics: Physical Activity Monitoring (new standard)  
PINS Date: Nov 24, 2017 | Public Review Date: Jan 17, 2020 | Final Action Date: Mar 31, 2020 | [Approved](#)

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- ▶ ANSI/CTA 2075-2020, Loudness Standard for Over the Top Television (OTT) and Online Video Distribution (OVD) for Mobile and Fixed Devices (new standard)  
PINS Date: Feb 16, 2018 | Public Review Date: Dec 6, 2019 | Final Action Date: Jan 31, 2020 | [Approved](#)

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- ▶ ANSI/CTA 2075.1-2022, Loudness Standard for Over-the-Top Television and Online Video Distribution for Mobile and Fixed Devices - LM1 (new standard)  
PINS Date: Aug 13, 2021 | Public Review Date: Jun 3, 2022 | Final Action Date: Jul 21, 2022 | [Approved](#)

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- ▶ ANSI/CTA 2076-2019, Inclusive, Audio-based, Network Navigation Systems for All Persons including those Blind/Low Vision (new standard)  
PINS Date: Jan 5, 2018 | Public Review Date: Mar 29, 2019 | Final Action Date: Jun 14, 2019 | [Approved](#)

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- ▶ ANSI/CTA 2076.1-2021, Indoor Network Navigation Systems for Intellectual and Developmental Disabilities (new standard)  
PINS Date: Feb 21, 2020 | Public Review Date: Nov 13, 2020 | Final Action Date: Jan 4, 2021 | [Approved](#)

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- ▶ ANSI/CTA 2077-2020, Recommendations for Portable Power Charging Markings (new standard)  
PINS Date: Jan 5, 2018 | Public Review Date: Nov 15, 2019 | Final Action Date: Feb 25, 2020 | [Approved](#)

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- ▶ ANSI/CTA 2084-2021, Test Methods for Determining A/V Products Energy Efficiency (new standard)  
PINS Date: Nov 9, 2018 | Public Review Date: Oct 16, 2020 | Final Action Date: Jan 11, 2021 | [Approved](#)

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- ▶ ANSI/CTA 2084-A-2021, Test Methods for Determining A/V Products Energy Efficiency (revision and redesignation of CTA 2084)  
PINS Date: Oct 23, 2020 | Public Review Date: Jul 2, 2021 | Final Action Date: Aug 18, 2021 | [Approved](#)

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- ▶ ANSI/CTA 2085-2019, Definitions and Characteristics for VR Video and VR Images (new standard)  
PINS Date: Aug 17, 2018 | Public Review Date: Jul 26, 2019 | Final Action Date: Nov 11, 2019 | [Approved](#)

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- ▶ ANSI/CTA 2087-2019, Recommendations and Best Practices for Connection and Use of Accessories for XR Technologies (new standard)  
PINS Date: Aug 17, 2018 | Public Review Date: Sep 6, 2019 | Final Action Date: Dec 9, 2019 | [Approved](#)

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- ▶ ANSI/CTA 2088-A-2022, Baseline Cybersecurity Standard for Devices and Device Systems (revision and redesignation of ANSI/CTA 2088-2020)  
PINS Date: Jun 11, 2021 | Public Review Date: Apr 15, 2022 | Final Action Date: Jun 2, 2022 | [Approved](#)

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- ▶ ANSI/CTA 2088.1-2022, Baseline Cybersecurity for Small Unmanned Aerial Systems (new standard)  
PINS Date: Oct 18, 2019 | Public Review Date: May 6, 2022 | Final Action Date: Jun 24, 2022 | [Approved](#)

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- ▶ ANSI/CTA 2089-2020, Definitions and Characteristics of Artificial Intelligence (new standard)  
PINS Date: Mar 8, 2019 | Public Review Date: Dec 20, 2019 | Final Action Date: Feb 21, 2020 | [Approved](#)

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- ▶ ANSI/CTA 2089.1-2020, Definitions/Characteristics of AI in Health Care (new standard)  
PINS Date: Apr 26, 2019 | Public Review Date: Dec 20, 2019 | Final Action Date: Feb 21, 2020 | [Approved](#)

**CTA (Consumer Technology Association)**

- ▶ ANSI/CTA 2090-2021, The Use of Artificial Intelligence in Health Care: Trustworthiness (new standard)  
PINS Date: Jun 14, 2019 | Public Review Date: Nov 20, 2020 | Final Action Date: Feb 4, 2021 | [Approved](#)

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- ▶ ANSI/CTA 2092-2021, Performance Requirements for Sleep Monitoring Solutions detecting snoring (new standard)  
PINS Date: Jun 14, 2019 | Public Review Date: Oct 1, 2021 | Final Action Date: Dec 9, 2021 | [Approved](#)

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- ▶ ANSI/CTA 2093-2021, Health, Fitness and Wellness Data: Time, Location, and Source Reporting Format (new standard)  
PINS Date: Aug 14, 2020 | Public Review Date: Jul 23, 2021 | Final Action Date: Sep 24, 2021 | [Approved](#)

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- ▶ ANSI/CTA 2096-2021, Guidelines for Developing Trustworthy Artificial Intelligence Systems (new standard)  
PINS Date: Jan 3, 2020 | Public Review Date: Oct 22, 2021 | Final Action Date: Dec 9, 2021 | [Approved](#)

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- ▶ ANSI/CTA 2098-2021, Definitions & Characteristics of Digital Therapeutics (new standard)  
PINS Date: Feb 21, 2020 | Public Review Date: Jul 23, 2021 | Final Action Date: Oct 4, 2021 | [Approved](#)

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- ▶ ANSI/CTA 2099-2022, Standard Method of Measurement for Matching In-Home Amplifiers and Loudspeakers (new standard)  
PINS Date: Jun 5, 2020 | Public Review Date: Dec 17, 2021 | Final Action Date: Feb 22, 2022 | [Approved](#)

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- ▶ ANSI/CTA 2105-2022, Reporting/Validation Framework for Cardiovascular Technology Solutions (new standard)  
PINS Date: Feb 19, 2021 | Public Review Date: Dec 17, 2021 | Final Action Date: Feb 18, 2022 | [Approved](#)

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- ▶ ANSI/CTA 2107-2022, The Use of Artificial Intelligence in Health Care: Managing, Characterizing, and Safeguarding Data (new standard)  
PINS Date: Mar 12, 2021 | Public Review Date: Oct 14, 2022 | Final Action Date: Nov 17, 2022 | [Approved](#)

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- ▶ ANSI/CTA 2108-2022, Framework for Validation of Digital Health Technology-Derived Metrics under Naturalistic or Unconstrained Test Conditions (new standard)  
PINS Date: Oct 15, 2021 | Public Review Date: Jul 15, 2022 | Final Action Date: Sep 20, 2022 | [Approved](#)

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- ▶ ANSI/CTA 608-E S-2008 (S2019), Line 21 Data Services (stabilized maintenance of ANSI/CTA 608-E-2008 (R2014))  
PINS Date: Jun 14, 2019 | Public Review Date: Aug 30, 2019 | Final Action Date: Nov 26, 2019 | [Approved](#)

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- ▶ ANSI/CTA 708-E-2013 (R2018), Digital Television (DTV) Closed Captioning (reaffirmation of ANSI/CTA 708-E-2013 (R2018))  
PINS Date: Feb 2, 2018 | Public Review Date: Mar 23, 2018 | Final Action Date: Jul 10, 2018 | [Approved](#)

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- ▶ ANSI/CTA 708.1-2012 (S2022), Digital Television (DTV) Closed Captioning: 3D Extensions (stabilized maintenance of ANSI/CTA 708.1-2012 (R2017))  
Public Review Date: Apr 15, 2022 | Final Action Date: Jun 6, 2022 | [Approved](#)

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- ▶ ANSI/CTA 709.1-D-2014 (R2019), Control Network Protocol Specification (reaffirmation of ANSI/CTA 709.1-D-2014)  
PINS Date: Mar 8, 2019 | Public Review Date: Apr 26, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI/CTA 709.10-2021, Web Services for Control Networking Protocol Specification (new standard)  
PINS Date: Jun 14, 2019 | Public Review Date: Aug 20, 2021 | Final Action Date: Oct 15, 2021 | [Approved](#)

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- ▶ ANSI/CTA 709.2-A-2000 (S2017), Control Network Power Line (PL) Channel Specification (stabilized maintenance of ANSI/CTA 709.2-A-2000 (R2012))  
PINS Date: May 5, 2017 | Public Review Date: Jun 23, 2017 | Final Action Date: Sep 15, 2017 | [Approved](#)

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- ▶ ANSI/CTA 709.3-1999 (R2020), Free-Topology Twisted-Pair Channel Specification (reaffirmation of ANSI/CTA 709.3-1999 (R2015))  
PINS Date: Feb 21, 2020 | Public Review Date: Apr 10, 2020 | Final Action Date: Jun 18, 2020 | [Approved](#)

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**CTA (Consumer Technology Association)**

- ▶ ANSI/CTA 709.4-2013 (R2019), Fiber-Optic Channel Specification (reaffirmation of ANSI/CTA 709.4-2013)  
PINS Date: Nov 16, 2018 | Public Review Date: Apr 12, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI/CTA 709.5-2015 (R2020), Control Networking Protocol Specification Part 5: Implementation Application Layer Guidelines (reaffirmation of ANSI/CTA 709.5-2015)  
PINS Date: Feb 21, 2020 | Public Review Date: Apr 10, 2020 | Final Action Date: Jun 18, 2020 | [Approved](#)

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- ▶ ANSI/CTA 709.6-A-2021, Control Networking Protocol Specification Part 6: Application Elements (revision and redesignation of ANSI/CTA 709.6-2015)  
PINS Date: Feb 21, 2020 | Public Review Date: Sep 10, 2021 | Final Action Date: Nov 1, 2021 | [Approved](#)

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- ▶ ANSI/CTA 709.7-2018, LON over IP - Open Communication in Building Automation, Controls and Building Management - Control Network Protocol - Part 7: Communication via Internet Protocols (new standard)  
PINS Date: Dec 29, 2017 | Public Review Date: Feb 16, 2018 | Final Action Date: Oct 25, 2018 | [Approved](#)

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- ▶ ANSI/CTA 709.8-2020, Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol Specification: Part 8: Control Network Protocol/High Definition Power Line Channel Specification (CNP/HD-PLC) (new standard)  
PINS Date: May 4, 2018 | Public Review Date: Nov 15, 2019 | Final Action Date: Feb 6, 2020 | [Approved](#)

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- ▶ ANSI/CTA 709.9-2020, Open Data Communication in Building Automation, Controls and Building Management – Control Network Protocol Specification: Part 9: Control Network Protocol/Wireless Communication in ISM Bands (LON-ISM-RF) (new standard)  
PINS Date: May 4, 2018 | Public Review Date: Nov 15, 2019 | Final Action Date: Feb 6, 2020 | [Approved](#)

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- ▶ ANSI/CTA 762-B-2008 (S2020), DTV Remodulator Specification (stabilized maintenance of ANSI/CTA 762-B-2008 (R2015))  
Public Review Date: Jun 5, 2020 | Final Action Date: Jul 31, 2020 | [Approved](#)

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- ▶ ANSI/CTA 766-D-2013 (R2019), U.S. and Canadian Rating Region Tables (RRT) and Content Advisory Descriptors for Transport of Content Advisory Information Using ATSC Program and System Information Protocol (PSIP) (reaffirmation of ANSI/CTA 766-D-2013)  
PINS Date: Feb 1, 2019 | Public Review Date: Mar 15, 2019 | Final Action Date: Jul 9, 2019 | [Approved](#)

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- ▶ ANSI/CTA 774-D-2020, TV Receiving Antenna Performance Presentation and Measurement (revision and redesignation of ANSI/CTA 774-C-2014)  
PINS Date: Nov 1, 2019 | Public Review Date: Jun 5, 2020 | Final Action Date: Jul 28, 2020 | [Approved](#)

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- ▶ ANSI/CTA 774-E-2022, TV Receiving Antenna Performance Presentation and Measurement (revision and redesignation of ANSI/CTA 774-D)  
PINS Date: Jun 11, 2021 | Public Review Date: Mar 4, 2022 | Final Action Date: Apr 25, 2022 | [Approved](#)

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- ▶ ANSI/CTA 803-C-2022, Mobile Electronics Wiring Designations for Audio and Vehicle Security/Convenience (revision and redesignation of ANSI/CTA 803-B-2012 (R2017))  
PINS Date: Feb 25, 2022 | Public Review Date: Sep 16, 2022 | Final Action Date: Nov 3, 2022 | [Approved](#)

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- ▶ ANSI/CTA 805-E-2013 (R2019), Data Services on the Component Video Interfaces (reaffirmation and redesignation of ANSI/CTA 805-E-2013)  
PINS Date: May 25, 2018 | Public Review Date: Aug 3, 2018 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI/CTA 814-C/J-STD-42-C-2018, Emergency Alert Messaging for Cable (revision and redesignation of ANSI J-STD-42-B-2013)  
PINS Date: May 18, 2018 | Public Review Date: Jul 13, 2018 | Final Action Date: Oct 4, 2018 | [Approved](#)

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- ▶ ANSI/CTA 852-C-2014 (R2019), Tunneling Device Area Network Protocols Over Internet Protocol Channels (reaffirmation of ANSI/CTA 852-C-2014)  
PINS Date: Mar 8, 2019 | Public Review Date: May 3, 2019 | Final Action Date: Dec 4, 2019 | [Approved](#)

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**CTA (Consumer Technology Association)**

- ▶ ANSI/CTA 861-H-2021, A DTV Profile for Uncompressed High Speed Digital Interfaces (new standard)  
PINS Date: Jun 14, 2019 | Public Review Date: Dec 11, 2020 | Final Action Date: Jan 28, 2021 | [Approved](#)
- ▶ ANSI/CTA 909-B-2010 (R2021), Antenna Control Interface (reaffirmation of ANSI/CTA 909-B-2010 (R2016))  
Public Review Date: Feb 19, 2021 | Final Action Date: Apr 9, 2021 | [Approved](#)
- ▶ ANSI/CTA 931-C-2007 (S2018), Remote Control Command Pass-through Standard for Home Networking (stabilized maintenance of ANSI/CTA 931-C-2007 (R2012))  
PINS Date: Apr 28, 2017 | Public Review Date: Jun 30, 2017 | Final Action Date: Jan 17, 2018 | [Approved](#)
- ▶ ANSI/CTA CEDIA 897-2010 (R2018), F-Connector Color Coding for Home Television Systems (reaffirmation of ANSI/CTA CEDIA 897-2010)  
PINS Date: May 25, 2018 | Public Review Date: Oct 19, 2018 | Final Action Date: Dec 17, 2018 | [Approved](#)
- ▶ ANSI/CTA/CEDIA 2030-A-2011 (R2019), Multi-Room Audio Cabling Standard (reaffirmation of ANSI/CTA/CEDIA 2030-A-2011)  
PINS Date: May 18, 2018 | Public Review Date: Oct 19, 2018 | Final Action Date: Feb 1, 2019 | [Approved](#)
- ▶ ANSI/CTA/CEDIA 863-B-2011 (R2018), Connection Color Codes for Home Theater Systems (reaffirmation of ANSI/CTA/CEDIA 863-B-2011)  
PINS Date: May 18, 2018 | Public Review Date: Oct 19, 2018 | Final Action Date: Dec 17, 2018 | [Approved](#)
- ▶ ANSI/CTA/NSF 2052.2-2017, Methodology of Measurements for Features in Sleep Tracking Consumer Technology Devices and Applications (new standard)  
PINS Date: Oct 21, 2016 | Public Review Date: Jul 21, 2017 | Final Action Date: Sep 15, 2017 | [Approved](#)
- ▶ ANSI/CTA/NSF 2052.3-2019, Performance Criteria and Testing Protocols for Features in Sleep Tracking Consumer Technology Devices and Applications (new standard)  
PINS Date: Jul 21, 2017 | Public Review Date: Jan 18, 2019 | Final Action Date: Apr 18, 2019 | [Approved](#)
- ▶ ANSI/CTA/NSF-2052.1-A-2022, Definitions and Characteristics for Wearable Sleep Monitors (revision and redesignation of ANSI/CTA/NSF-2052.1)  
PINS Date: Oct 15, 2021 | Public Review Date: Jul 8, 2022 | Final Action Date: Sep 9, 2022 | [Approved](#)

**DASMA (Door and Access Systems Manufacturers Association)**

1300 Sumner Avenue, Cleveland, OH 44115

- ▶ ANSI/DASMA 102-2011, Specifications for Sectional Doors (revision of ANSI/DASMA 102-2004)  
PINS Date: Oct 31, 2008 | Public Review Date: Jun 5, 2009 | Final Action Date: May 19, 2011 | [Approved](#)
- ▶ ANSI/DASMA 105-2017, Test Method for Thermal Transmittance and Air Infiltration of Garage Doors and Rolling Doors (revision of ANSI/DASMA 105-2014)  
PINS Date: Feb 24, 2017 | Public Review Date: Mar 24, 2017 | Final Action Date: Sep 7, 2017 | [Approved](#)
- ▶ ANSI/DASMA 107-2012, Room Fire Test Standard for Garage Doors Using Foam Plastic Insulation (revision of ANSI/DASMA 107-1997 (R2004))  
PINS Date: Mar 14, 2008 | Public Review Date: Oct 31, 2008 | Final Action Date: Jun 15, 2012 | [Approved](#)
- ▶ ANSI/DASMA 108-2017, Standard Method For Testing Sectional Garage Doors And Rolling Doors: Determination Of Structural Performance Under Uniform Static Air Pressure Difference (revision of ANSI/DASMA 108-2012)  
PINS Date: Mar 24, 2017 | Public Review Date: Apr 28, 2017 | Final Action Date: Dec 4, 2017 | [Approved](#)
- ▶ ANSI/DASMA 115-2017, Standard Method for Testing Sectional Doors, Rolling Doors and Flexible Doors: Determination of Structural Performance Under Missile Impact and Cyclic Wind Pressure (revision of ANSI/DASMA 115-2014)  
PINS Date: Mar 24, 2017 | Public Review Date: Apr 28, 2017 | Final Action Date: Nov 21, 2017 | [Approved](#)

**DASMA (Door and Access Systems Manufacturers Association)**

- ▶ ANSI/DASMA 116-2011, Standard for Section Interfaces on Residential Garage Door Systems (revision of ANSI/DASMA 116-2007)  
PINS Date: Mar 7, 2008 | Public Review Date: Oct 31, 2008 | Final Action Date: May 19, 2011 | [Approved](#)
- ▶ ANSI/DASMA 207-2012, Standard for Rolling Sheet Doors (new standard)  
PINS Date: Jul 4, 2008 | Public Review Date: Apr 30, 2010 | Final Action Date: Jul 3, 2012 | [Approved](#)
- ▶ ANSI/DASMA 303-2017, Performance Criteria for Accessible Communications Entry Systems (new standard)  
PINS Date: Mar 24, 2017 | Public Review Date: Apr 28, 2017 | Final Action Date: Nov 21, 2017 | [Approved](#)

**DirectTrust (DirectTrust.org, Inc.)**

1629 K Street NW, Suite 300, Washington, DC 20006 | w: [www.DirectTrust.org](http://www.DirectTrust.org)

- ▶ ANSI/DS 2019-01-100-2021 , The Direct Standard™ (new standard)  
PINS Date: Apr 12, 2019 | Public Review Date: Nov 6, 2020 | Final Action Date: May 13, 2021 | [Approved](#)
- ▶ ANSI/DS 2019-02-100-2021, Trusted Instant Messaging Plus (TIM+) Applicability Statement (new standard)  
PINS Date: Jul 26, 2019 | Public Review Date: Jul 16, 2021 | Final Action Date: Sep 30, 2021 | [Approved](#)
- ▶ ANSI/DS 2020-03-100-2022, Event Notifications via the Direct Standard™ (new standard)  
PINS Date: Jul 31, 2020 | Public Review Date: Feb 25, 2022 | Final Action Date: May 13, 2022 | [Approved](#)

**DMSC, Inc. (Dimensional Metrology Standards Consortium, Inc.)**

3245 Latta Road, No. 16595, Rochester, NY 14616 | w: [www.dmis.org](http://www.dmis.org)

- ▶ ANSI/DMIS 105.3-2015 Part 1, Dimensional Measuring Interface Standard (DMIS Rev. 5.3) (revision of ANSI/DMIS 105.2-2009, Part 1)  
PINS Date: Oct 30, 2015 | Public Review Date: Feb 26, 2016 | Final Action Date: May 3, 2016 | [Approved](#)
- ▶ ANSI/DMSC QIF 3.0-2018, Quality Information Framework (QIF) -- an Integrated Model for Manufacturing Quality Information (revision, redesignation and consolidation of ANSI/QIF Part 1-2015 & ANSI/QIF Part 2-2015, ANSI/QIF Part 3-2015, ANSI/DMSC QIF Part 4-2014, ANSI/QIF Part 5-2015, ANSI/QIF Part 6-2015, ANSI/QIF Part 7-2015, ANSI/QIF Part 8-2015)  
PINS Date: Jun 1, 2018 | Public Review Date: Aug 10, 2018 | Final Action Date: Oct 5, 2018 | [Approved](#)

**DSI (Dental Standards Institute, Inc.)**

109 Bushaway Road, Suite 100, Wayzata, MN 55391 | w: <https://dentalstandardsinstitute.com/>

- ▶ ANSI/DSI DCNST1.1-2020, DSI DCNST1.1:20XX Verification and Displaying of Dental Patient Chart Notes (DCN) (new standard)  
PINS Date: Sep 18, 2020 | Public Review Date: Nov 27, 2020 | Final Action Date: Mar 8, 2021 | [Approved](#)
- ▶ ANSI/DSI GSST1.1-2020, DSI GSST1.1:20XX Graphic Symbols - Pictograms For Information Regarding the Healthcare Patient (new standard)  
PINS Date: Apr 3, 2020 | Public Review Date: Aug 7, 2020 | Final Action Date: Oct 22, 2020 | [Approved](#)
- ▶ ANSI/DSI MST1.1-2020, DSI MST1.1:2020 Definitions Of Terms In Dental Metrics (new standard)  
PINS Date: Apr 3, 2020 | Public Review Date: Jul 24, 2020 | Final Action Date: Sep 24, 2020 | [Approved](#)
- ▶ ANSI/DSI VRST1.1-2020, BRS/DSI VRST1.1:2020 Usage of Therapeutic Virtual Reality for Anxiety Reduction In Healthcare (new standard)  
PINS Date: Apr 3, 2020 | Public Review Date: Jul 24, 2020 | Final Action Date: Sep 24, 2020 | [Approved](#)

**EASA (Electrical Apparatus Service Association)**

1331 Baur Road, St. Louis, MO 63132

- ▶ ANSI/EASA AR100-2020, Recommended Practice for the Repair of Rotating Electrical Apparatus (revision of ANSI/EASA AR100-2015)  
PINS Date: Aug 19, 2016 | Public Review Date: Apr 10, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)
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**ECIA (Electronic Components Industry Association)**13873 Park Center Road, Suite 315, Herndon, VA 20171 | w: [www.ecianow.org](http://www.ecianow.org)

- ▶ ANSI/EIA 166-A-2019, Miniature Waveguide Flanges, Unpressurized Contact Type (CMR 90 to CMR 284) (new standard)  
PINS Date: Feb 9, 2018 | Public Review Date: Jul 20, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)
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- ▶ ANSI/EIA 198-2-E-2014, Ceramic Dielectric Capacitors Classes I, II, III and IV - Part II: Test Methods (new standard)  
PINS Date: Nov 16, 2012 | Public Review Date: Dec 13, 2013 | Final Action Date: Apr 4, 2014 | [Approved](#)
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- ▶ ANSI/EIA 198-3-10-2022, Multilayer (Monolithic), Unencapsulated, Ceramic Dielectric, Surface-Mount Low Induction Chip Capacitors and Multi-Terminal Low Induction Capacitors (revision of ANSI/EIA 198-3-10-2015)  
PINS Date: Nov 5, 2021 | Public Review Date: Apr 15, 2022 | Final Action Date: Aug 18, 2022 | [Approved](#)
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- ▶ ANSI/EIA 198-3-6-F-2019, Ceramic Dielectric Capacitors Classes I, II, III, and IV, Part III: Section 6: Axial-Leaded Capacitors, Conformally Coated and Molded Types (new standard)  
PINS Date: Nov 24, 2017 | Public Review Date: Feb 23, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)
- 
- ▶ ANSI/EIA 198-3-9-F-2019, High Voltage Ceramic Capacitors, Conformally Coated and Multilayer Surface Mount (new standard)  
PINS Date: Jul 13, 2012 | Public Review Date: Mar 8, 2019 | Final Action Date: Jul 31, 2019 | [Approved](#)
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- ▶ ANSI/EIA 200-B-2018, Circular Waveguides and Flanges (new standard)  
PINS Date: Nov 18, 2016 | Public Review Date: Aug 4, 2017 | Final Action Date: Apr 24, 2018 | [Approved](#)
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- ▶ ANSI/EIA 225-A-2018, Rigid coaxial transmission lines 50 OHMs (new standard)  
PINS Date: Dec 2, 2016 | Public Review Date: May 5, 2017 | Final Action Date: Apr 5, 2018 | [Approved](#)
- 
- ▶ ANSI/EIA 261-C-2018, Rectangular Waveguides (WR2 to WR2300) (new standard)  
PINS Date: Mar 10, 2017 | Public Review Date: Aug 4, 2017 | Final Action Date: Jan 24, 2018 | [Approved](#)
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- ▶ ANSI/EIA 271-B-2019, Waveguide flanges - pressurizable contact types for waveguide sizes WR90 to WR2300 (new standard)  
PINS Date: Feb 9, 2018 | Public Review Date: Jul 20, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)
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- ▶ ANSI/EIA 285-A-2019, Waveguide Flanges - Dual Contact Pressurizable and Miniature Type for Waveguide Sizes WR90 to WR975 (new standard)  
PINS Date: Feb 9, 2018 | Public Review Date: Jul 20, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)
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- ▶ ANSI/EIA 296-F-2015 (R2019), Lead Taping of Components in Axial Lead Configuration for Automatic Handling (reaffirmation of ANSI/EIA 296-F-2015)  
Public Review Date: Nov 30, 2018 | Final Action Date: Aug 23, 2019 | [Approved](#)
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- ▶ ANSI/EIA 304-A-2019, Rigid Waveguides (new standard)  
PINS Date: Feb 9, 2018 | Public Review Date: Jul 20, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)
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- ▶ ANSI/EIA 364-01B-2000 (R2019), Acceleration Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-01B-2000 (R2012))  
Public Review Date: Aug 31, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)
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**ECIA (Electronic Components Industry Association)**

- ▶ ANSI/EIA 364-02D-2012 (R2017), Air Leakage Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-02D-2012)  
Public Review Date: Jun 23, 2017 | Final Action Date: Aug 18, 2017 | [Approved](#)

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- ▶ ANSI/EIA 364-03D-2015 (R2020), Altitude Immersion Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-03D-2015)  
Public Review Date: Jul 24, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-04B-2015 (R2020), Normal Force Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-04B-2015)  
Public Review Date: Jul 24, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-05C-2020, Contact Insertion, Release and Removal Force Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-05B-2009 (R2015))  
PINS Date: Nov 1, 2019 | Public Review Date: Jan 24, 2020 | Final Action Date: May 14, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-06C-2006 (R2017), Contact Resistance Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-06C-2006 (R2012))  
Public Review Date: Jun 23, 2017 | Final Action Date: Aug 21, 2017 | [Approved](#)

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- ▶ ANSI/EIA 364-07C-2007 (R2019), Contact Axial Concentricity Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-07C-2007 (R2012))  
Public Review Date: Aug 31, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)

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- ▶ ANSI/EIA 364-08C-2015 (R2020), Crimp Tensile Strength Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-08C-2015)  
Public Review Date: Jul 24, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-09D-2018, Durability Test Procedure for Electrical Connectors and Contacts (revision and redesignation of ANSI/EIA 364-09C-1999 (R2012))  
PINS Date: Aug 4, 2017 | Public Review Date: Oct 20, 2017 | Final Action Date: Jan 17, 2018 | [Approved](#)

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- ▶ ANSI/EIA 364-1000B-2019, Environmental Test Methodology for Assessing the Performance of Electrical Connectors and Sockets Used in Controlled Environment Applications (revision and redesignation of ANSI/EIA 364-1000-A-2016)  
PINS Date: Oct 13, 2017 | Public Review Date: Jan 26, 2018 | Final Action Date: Feb 27, 2019 | [Approved](#)

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- ▶ ANSI/EIA 364-1002A-2015 (R2020), Test Methodology for Assessing the Performance of Compliant Contact Terminations Used as Free Standing Contacts or in Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-1002A-2015)  
Public Review Date: Jul 31, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-1004A-2016 (R2021), Environmental Test Methodology for Verifying the Current Rating of Freestanding Power Contacts or Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-1004A-2016)  
Public Review Date: Sep 10, 2021 | Final Action Date: Nov 4, 2021 | [Approved](#)

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- ▶ ANSI/EIA 364-1005-2011 (R2023), Environmental Test Methodology for Determining the Susceptibility of Contacts to Fretting Corrosion (reaffirmation of ANSI/EIA 364-1005-2011 (R2017))  
PINS Date: Jul 29, 2022 | Public Review Date: Sep 30, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)

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- ▶ ANSI/EIA 364-100A-2012 (R2019), Marking Permanence Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-100A-2012)  
Public Review Date: Jan 25, 2019 | Final Action Date: Apr 18, 2019 | [Approved](#)

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- ▶ ANSI/EIA 364-101-2000 (R2019), Attenuation Test Procedure for Electrical Connectors, Sockets, Cable Assemblies or Interconnection Systems (reaffirmation of ANSI/EIA 364-101-2000 (R2013))  
Public Review Date: Apr 26, 2019 | Final Action Date: Jul 29, 2019 | [Approved](#)

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**ECIA (Electronic Components Industry Association)**

- ▶ ANSI/EIA 364-102-1998 (R2018), Rise Time Degradation Test Procedure for Electrical Connectors, Sockets, Cable Assemblies or Interconnection Systems (reaffirmation of ANSI/EIA 364-102-1998 (R2012))  
PINS Date: Sep 1, 2017 | Public Review Date: Dec 1, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI/EIA 364-103-1998 (R2018), Propagation Delay Test Procedure for Electrical Connectors, Sockets, Cable Assemblies or Interconnection Systems (reaffirmation of ANSI/EIA 364-103-1998 (R2012))  
PINS Date: Sep 1, 2017 | Public Review Date: Dec 1, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI/EIA 364-104B-2015 (R2020), Flammability Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-104B-2015)  
Public Review Date: Jul 31, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-105B-2015 (R2020), Altitude - Low Temperature Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-105B-2015)  
Public Review Date: Oct 25, 2019 | Final Action Date: Jan 17, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-106-2000 (R2019), Standing Wave Ratio (SWR) Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-106-2000 (R2013))  
Public Review Date: Apr 26, 2019 | Final Action Date: Jul 29, 2019 | [Approved](#)

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- ▶ ANSI/EIA 364-107A-2019, Eye Pattern and Jitter Test Procedure for Electrical Connectors, Sockets, Cable Assemblies or Interconnection Systems (revision and redesignation of ANSI/EIA 364-107-2000 (R2013))  
PINS Date: Apr 26, 2019 | Public Review Date: Jun 14, 2019 | Final Action Date: Sep 18, 2019 | [Approved](#)

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- ▶ ANSI/EIA 364-108A-2019, Impedance, Reflection Coefficient, Return Loss, and VSWR Measured in the Time and Frequency Domain Test Procedure for Electrical Connectors, Cable Assemblies or Interconnection Systems (revision and redesignation of ANSI/EIA 364-108-2000 (R2013))  
PINS Date: Apr 26, 2019 | Public Review Date: Jun 14, 2019 | Final Action Date: Aug 22, 2019 | [Approved](#)

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- ▶ ANSI/EIA 364-109-2003 (R2021), Loop Inductance Measurement Test Procedure for Electrical Connectors (1 nH-10 nH) (reaffirmation of ANSI/EIA 364-109-2003 (R2016))  
Public Review Date: May 21, 2021 | Final Action Date: Jul 23, 2021 | [Approved](#)

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- ▶ ANSI/EIA 364-10J-2021, Fluid Immersion Test Procedure for Electrical Connectors, Sockets and Cable Assemblies (revision and redesignation of ANSI/EIA 364-10H-2019)  
PINS Date: Sep 11, 2020 | Public Review Date: May 28, 2021 | Final Action Date: Jul 23, 2021 | [Approved](#)

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- ▶ ANSI/EIA 364-111A-2015 (R2020), Test Procedure for Determining the Total Ionic Contamination of an Electrical Connector or Socket Assembly or Component (reaffirmation of ANSI/EIA 364-111A-2015)  
Public Review Date: Jul 31, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-112-2010 (R2021), Contact Resistance and Current Rating of Parallel Circuits Test Procedure for Electrical Connectors, Contacts and Sockets (reaffirmation of ANSI/EIA 364-112-2010 (R2016))  
Public Review Date: Sep 10, 2021 | Final Action Date: Nov 4, 2021 | [Approved](#)

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- ▶ ANSI/EIA 364-113-2010 (R2021), Corrosivity of Contacts Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-113-2010 (R2016))  
Public Review Date: Sep 10, 2021 | Final Action Date: Nov 4, 2021 | [Approved](#)

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- ▶ ANSI/EIA 364-114-2010 (R2017), Coupling and Uncoupling Force Test Procedure for Electrical Connectors, Sockets and Applicable Accessories (reaffirmation of ANSI/EIA 364-114-2010)  
Public Review Date: Apr 21, 2017 | Final Action Date: Jun 19, 2017 | [Approved](#)

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- ▶ ANSI/EIA 364-115-2016 (R2021), Current Overload Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-115-2016)  
Public Review Date: Sep 10, 2021 | Final Action Date: Nov 4, 2021 | [Approved](#)

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**ECIA (Electronic Components Industry Association)**

- ▶ ANSI/EIA 364-116-2015 (R2020), Pin Contact Stability Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-116-2015)  
Public Review Date: Jul 31, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-117-2017, Dielectric Breakdown Voltage Test Procedure for Electrical Connectors, Sockets and Coaxial Contacts (new standard)  
PINS Date: Aug 7, 2015 | Public Review Date: Aug 4, 2017 | Final Action Date: Nov 20, 2017 | [Approved](#)

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- ▶ ANSI/EIA 364-118-2016 (R2021), Thermal Shock Test Procedure for Hermetic Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-118-2016)  
Public Review Date: Sep 10, 2021 | Final Action Date: Nov 4, 2021 | [Approved](#)

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- ▶ ANSI/EIA 364-119-2019, Removal Tool Rotation Test Procedure for Electrical Connectors (new standard)  
PINS Date: Aug 17, 2018 | Public Review Date: Oct 5, 2018 | Final Action Date: Jan 29, 2019 | [Approved](#)

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- ▶ ANSI/EIA 364-11C-2014 (R2019), Resistance to Solvents Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-11C-2014)  
Public Review Date: Aug 2, 2019 | Final Action Date: Dec 19, 2019 | [Approved](#)

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- ▶ ANSI/EIA 364-120-2019, Electrolytic Erosion Test Procedure for Electrical Connectors (new standard)  
PINS Date: Nov 30, 2018 | Public Review Date: May 10, 2019 | Final Action Date: Jul 31, 2019 | [Approved](#)

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- ▶ ANSI/EIA 364-121-2020, Coupling Thread Strength Test Procedure for Electrical Connector Accessories (new standard)  
PINS Date: Nov 15, 2019 | Public Review Date: Jul 24, 2020 | Final Action Date: Oct 23, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-122-2022, Safety Holes Test Procedure for Electrical Connectors (new standard)  
PINS Date: Feb 19, 2021 | Public Review Date: Apr 8, 2022 | Final Action Date: Sep 23, 2022 | [Approved](#)

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- ▶ ANSI/EIA 364-12A-2005 (R2022), Restricted Entry Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-12A-2005 (R2017))  
PINS Date: Dec 3, 2021 | Public Review Date: Apr 8, 2022 | Final Action Date: Jun 6, 2022 | [Approved](#)

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- ▶ ANSI/EIA 364-13E-2011 (R2023), Mating and Unmating Force Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-13E-2011 (R2017))  
PINS Date: Jul 29, 2022 | Public Review Date: Sep 30, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)

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- ▶ ANSI/EIA 364-14B-1999 (R2019), Ozone Exposure Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-14B-1999 (R2012))  
Public Review Date: Jan 25, 2019 | Final Action Date: Apr 18, 2019 | [Approved](#)

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- ▶ ANSI/EIA 364-15D-2022, Contact Strength Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-15C-2016)  
PINS Date: Dec 3, 2021 | Public Review Date: Apr 8, 2022 | Final Action Date: Aug 18, 2022 | [Approved](#)

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- ▶ ANSI/EIA 364-16A-2009 (R2020), Stripping Force Test (Solderless Wrapped Connectors) Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-16A-2009 (R2015))  
Public Review Date: Oct 25, 2019 | Final Action Date: Jan 17, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-17C-2011 (R2023), Temperature Life with or without Electrical Load Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-17C-2011 (R2017))  
PINS Date: Jul 29, 2022 | Public Review Date: Sep 30, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)

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- ▶ ANSI/EIA 364-18B-2007 (R2019), Visual and dimensional Inspection Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA/ECA 364-18B-2007 (R2012))  
Public Review Date: Aug 17, 2018 | Final Action Date: Feb 13, 2019 | [Approved](#)

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**ECIA (Electronic Components Industry Association)**

- ▶ ANSI/EIA 364-19A-2008 (R2020), Torsional Insert Retention Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-19A-2008 (R2015))  
Public Review Date: Oct 25, 2019 | Final Action Date: Jan 17, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-20F-2019, Dielectric Withstanding Voltage Test Procedure for Electrical Connectors, Sockets and Coaxial Contacts (revision and redesignation of ANSI/EIA 364-20E-2015)  
PINS Date: Mar 30, 2018 | Public Review Date: Jul 6, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)

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- ▶ ANSI/EIA 364-21F-2020, Insulation Resistance Test Procedure for Electrical Connectors, Sockets and Coaxial Contacts (revision and redesignation of ANSI/EIA 364-21E-2014)  
PINS Date: Nov 8, 2019 | Public Review Date: May 1, 2020 | Final Action Date: Jul 28, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-22B-2000 (R2019), Simulated Life Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-22B-2000 (R2012))  
Public Review Date: Aug 31, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)

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- ▶ ANSI/EIA 364-23D-2022, Low Level Contact Resistance Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-23C-2006 (R2017))  
PINS Date: Aug 9, 2019 | Public Review Date: Dec 3, 2021 | Final Action Date: Jun 6, 2022 | [Approved](#)

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- ▶ ANSI/EIA 364-24B-2009 (R2020), Maintenance Aging Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-24B-2009 (R2015))  
Public Review Date: Oct 25, 2019 | Final Action Date: Jan 17, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-25E-2017 (R2023), Probe Damage Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-25E-2017)  
PINS Date: Jul 29, 2022 | Public Review Date: Sep 30, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)

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- ▶ ANSI/EIA 364-26-C-2014 (R2019), Salt Spray Test Procedure for Electrical Connectors, Contacts and Sockets (reaffirmation of ANSI/EIA 364-26-C-2014)  
Public Review Date: Aug 2, 2019 | Final Action Date: Dec 20, 2019 | [Approved](#)

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- ▶ ANSI/EIA 364-27D-2023, Mechanical Shock (Specified Pulse) Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-27C-2011 (R2017))  
PINS Date: Sep 30, 2022 | Public Review Date: Nov 4, 2022 | Final Action Date: Jan 26, 2023 | [Approved](#)

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- ▶ ANSI/EIA 364-28F-2011 (R2023), Vibration Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-28F-2011 (R2017))  
PINS Date: Jul 29, 2022 | Public Review Date: Sep 30, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)

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- ▶ ANSI/EIA 364-29D-2019, Contact Retention Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-29C-2006 (R2013))  
PINS Date: Aug 31, 2018 | Public Review Date: Feb 1, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/EIA 364-30A-2009 (R2020), Capacitance Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-30A-2009 (R2015))  
Public Review Date: Oct 25, 2019 | Final Action Date: Jan 17, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-31F-2019, Humidity Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-31E-2017)  
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- ▶ ANSI/EIA 364-32G-2014 (R2019), Thermal Shock (Temperature Cycling) Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-32G-2014)  
Public Review Date: Aug 2, 2019 | Final Action Date: Dec 20, 2019 | [Approved](#)

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**ECIA (Electronic Components Industry Association)**

- ▶ ANSI/EIA 364-33A-2009 (R2020), Inductance Measurement Test Procedure for Electrical Connectors (100 nH-100 mH) (reaffirmation of ANSI/EIA 364-33A-2009 (R2015))  
Public Review Date: Oct 25, 2019 | Final Action Date: Jan 17, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-34A-2022, Ambient Condensation Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-34-2012 (R2017))  
PINS Date: Nov 12, 2021 | Public Review Date: Aug 26, 2022 | Final Action Date: Nov 14, 2022 | [Approved](#)

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- ▶ ANSI/EIA 364-35C-2012 (R2017), Insert Retention Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-35C-2012)  
Public Review Date: Jun 23, 2017 | Final Action Date: Aug 21, 2017 | [Approved](#)

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- ▶ ANSI/EIA 364-36B-2006 (R2019), Determination of Gas-Tight Characteristics Test Procedure for Electrical Connectors, and/or Contact Systems (reaffirmation of ANSI/EIA 364-36B-2006 (R2013))  
Public Review Date: Aug 31, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)

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- ▶ ANSI/EIA 364-37C-2009 (R2020), Contact Engagement and Separation Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-37C-2009 (R2015))  
Public Review Date: Oct 25, 2019 | Final Action Date: Jan 17, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-38E-2020, Cable Pull-Out Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-38D-2014)  
PINS Date: Nov 8, 2019 | Public Review Date: May 1, 2020 | Final Action Date: Jul 14, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-39B-1999 (R2019), Hydrostatic Test Procedure for Electrical Connectors, Contacts and Sockets (reaffirmation of ANSI/EIA 364-39B-1999 (R2013))  
Public Review Date: Jan 25, 2019 | Final Action Date: Apr 18, 2019 | [Approved](#)

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- ▶ ANSI/EIA 364-40B-2009 (R2020), Crush Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-40B-2009 (R2015))  
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- ▶ ANSI/EIA 364-41E-2010 (R2021), Cable Flexing Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-41E-2010 (R2016))  
Public Review Date: May 21, 2021 | Final Action Date: Jul 23, 2021 | [Approved](#)

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- ▶ ANSI/EIA 364-42C-2012 (R2018), Impact Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-42C-2012)  
PINS Date: Sep 1, 2017 | Public Review Date: Dec 1, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI/EIA 364-43C-2013 (R2019), Cable Clamping (Bending Moment) Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-43C-2013)  
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- ▶ ANSI/EIA 364-44A-2009 (R2020), Corona Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-44A-2009 (R2015))  
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- ▶ ANSI/EIA 364-45C-2012 (R2019), Firewall Flame Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-45C-2012)  
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- ▶ ANSI/EIA 364-46C-2012 (R2019), Microsecond Discontinuity Test Procedures for Electrical Connectors, Contacts and Sockets (reaffirmation of ANSI/EIA 364-46C-2012)  
Public Review Date: Jan 25, 2019 | Final Action Date: Apr 18, 2019 | [Approved](#)

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**ECIA (Electronic Components Industry Association)**

- ▶ ANSI/EIA 364-47A-2008 (R2020), Conductor Unwrap (Solderless Wrapped Connection) Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-47A-2008 (R2015))

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- ▶ ANSI/EIA 364-49-2013 (R2019), Ultraviolet Radiation Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-49-2013)

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- ▶ ANSI/EIA 364-50B-2012 (R2019), Dust (Fine Sand) Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-50B-2012)

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- ▶ ANSI/EIA 364-51B-2019, Ice Resistance of Mated Connectors (revision and redesignation of ANSI/EIA 364-51A-2002 (R2016))

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- ▶ ANSI/EIA 364-53B-2000 (R2021), Nitric Acid Vapor Test, Gold Finish Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-53B-2000 (R2016))

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- ▶ ANSI/EIA 364-54A-1999 (R2018), Magnetic Permeability Test Procedure for Electrical Connectors, Contacts, and Sockets (reaffirmation of ANSI/EIA 364-54A-1999 (R2012))

PINS Date: Sep 1, 2017 | Public Review Date: Dec 1, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI/EIA 364-55-A-2008 (R2014), Current Cycling Test Procedure for Electrical Contacts, Connectors, and Sockets (reaffirmation of ANSI/EIA 364-55-A-2008)

PINS Date: Dec 13, 2013 | Public Review Date: Feb 7, 2014 | Final Action Date: Aug 28, 2014 | [Approved](#)

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- ▶ ANSI/EIA 364-55B-2020, Current Cycling Test Procedure for Electrical Contacts, Connectors, and Sockets (revision and redesignation of ANSI/EIA 364-55A-2008 (R2014))

PINS Date: Nov 8, 2019 | Public Review Date: Jan 3, 2020 | Final Action Date: Apr 2, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-56E-2011 (R2023), Resistance to Soldering Heat Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-56E-2011 (R2017))

PINS Date: Jul 29, 2022 | Public Review Date: Sep 30, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)

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- ▶ ANSI/EIA 364-57A-2017, Coupling Pin Strength Test Procedure for Circular Bayonet Electrical Connectors (revision and redesignation of ANSI/EIA 364-57-2011)

PINS Date: Nov 18, 2016 | Public Review Date: Mar 24, 2017 | Final Action Date: Aug 21, 2017 | [Approved](#)

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- ▶ ANSI/EIA 364-58A-2003 (R2021), Temperature Life with Mechanical Loading for Connectors with Removable Contacts (Static Mechanical Load at Temperature) Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-58A-2003 (R2016))

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- ▶ ANSI/EIA 364-59A-2006 (R2019), Low Temperature Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA/CTA 364-59A-2006 (R2013))

Public Review Date: Jan 25, 2019 | Final Action Date: Apr 18, 2019 | [Approved](#)

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- ▶ ANSI/EIA 364-60B-2020, General Methods for Porosity Testing of Contact Finishes for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-60A-2008 (R2014))

PINS Date: Nov 8, 2019 | Public Review Date: Jan 3, 2020 | Final Action Date: Apr 2, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-61A-2014 (R2019), Resistance to Soldering Heat from Rework Test Procedure for Electrical Connectors and Sockets Mounted on Printed Circuit Boards (reaffirmation of ANSI/EIA 364-61-A-2014)

Public Review Date: Aug 2, 2019 | Final Action Date: Dec 20, 2019 | [Approved](#)

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**ECIA (Electronic Components Industry Association)**

- ▶ ANSI/EIA 364-62A-2004 (R2022), Terminal Strength Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-62A-2004 (R2017))  
PINS Date: Dec 3, 2021 | Public Review Date: Apr 8, 2022 | Final Action Date: Jun 6, 2022 | [Approved](#)

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- ▶ ANSI/EIA 364-63-2013 (R2019), Accessory Thread Strength Test Procedure for Circular Electrical Connectors (reaffirmation of ANSI/EIA 364-63-2013)  
Public Review Date: Aug 2, 2019 | Final Action Date: Dec 20, 2019 | [Approved](#)

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- ▶ ANSI/EIA 364-64-2014 (R2019), Spring Finger Force Test Procedure for Circular Connectors (reaffirmation of ANSI/EIA 364-64-2014)  
Public Review Date: Aug 2, 2019 | Final Action Date: Dec 20, 2019 | [Approved](#)

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- ▶ ANSI/EIA 364-65B-2009 (R2020), Mixed Flowing Gas Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-65B-2009)  
Public Review Date: Mar 6, 2020 | Final Action Date: Jul 6, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-66A-2000 (R2019), EMI Shielding Effectiveness Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-66A-2000 (R2013))  
Public Review Date: Apr 26, 2019 | Final Action Date: Jul 29, 2019 | [Approved](#)

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- ▶ ANSI/EIA 364-68A-2008 (R2020), Actuating Mechanism Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-68A-2008 (R2015))  
Public Review Date: Apr 17, 2020 | Final Action Date: Jul 23, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-69A-2002 (R2020), Low Level Induction Measurement for Electrical Contacts of Electrical Connectors (reaffirmation of ANSI/EIA 364-69A-2002 (R2015))  
Public Review Date: Apr 17, 2020 | Final Action Date: Jul 23, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-70D-2021, Temperature Rise Versus Current Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-70C-2014)  
PINS Date: Dec 4, 2020 | Public Review Date: Jan 29, 2021 | Final Action Date: May 13, 2021 | [Approved](#)

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- ▶ ANSI/EIA 364-71C-2008 (R2020), Solder Wicking (Wave Solder Technique) for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-71C-2008 (R2014))  
Public Review Date: Oct 25, 2019 | Final Action Date: Jan 17, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-75B-2020, Lightning Strike Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-75A-2009 (R2015))  
PINS Date: Apr 10, 2020 | Public Review Date: Aug 7, 2020 | Final Action Date: Sep 28, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-78C-2018, Cavity Leakage Bonding Integrity Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-78B-2010)  
PINS Date: Sep 16, 2016 | Public Review Date: Aug 11, 2017 | Final Action Date: Jan 24, 2018 | [Approved](#)

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- ▶ ANSI/EIA 364-79-2014 (R2020), Insert Bond Strength Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-79-2014 (R2015))  
Public Review Date: Apr 17, 2020 | Final Action Date: Jul 23, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-80A-2020, Low Frequency Shielding Effectiveness Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-80-2015)  
PINS Date: Apr 10, 2020 | Public Review Date: Aug 7, 2020 | Final Action Date: Sep 28, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-81A-2005 (R2022), Combustion Characteristics Test Procedure for Electrical Connector Housings, Connector Assemblies and Sockets (reaffirmation of ANSI/EIA 364-81A-2005 (R2017))  
PINS Date: Dec 3, 2021 | Public Review Date: Apr 8, 2022 | Final Action Date: Jun 6, 2022 | [Approved](#)

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**ECIA (Electronic Components Industry Association)**

- ▶ ANSI/EIA 364-82B-2022, Corrosivity of Plastics Test Procedure for Electrical Connector and Socket Housings (revision and redesignation of ANSI/EIA 364-82A-2005 (R2017))  
PINS Date: Aug 7, 2009 | Public Review Date: Apr 22, 2022 | Final Action Date: Aug 18, 2022 | [Approved](#)

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- ▶ ANSI/EIA 364-83A-2017, Shell - to - Shell Conductivity Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-83-1999 (R2013))  
PINS Date: Mar 27, 2015 | Public Review Date: Aug 11, 2017 | Final Action Date: Nov 20, 2017 | [Approved](#)

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- ▶ ANSI/EIA 364-84-2015 (R2020), Residual Magnetism Test Procedure for Electrical Connectors Used in Space Applications (reaffirmation of ANSI/EIA 364-84-2015)  
Public Review Date: Jul 24, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-85-2014 (R2020), General Test Procedure for Assessing Wear and Mechanical Damage Testing of Contact Finishes for Electrical Connectors (reaffirmation of ANSI/EIA 364-85-2014 (R2015))  
Public Review Date: Apr 17, 2020 | Final Action Date: Jul 23, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-86B-2020, Polarizing/Coding Key Overstress Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-86A-2014)  
PINS Date: Nov 8, 2019 | Public Review Date: Jan 3, 2020 | Final Action Date: Apr 2, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-87B-2017, Nanosecond Event Detection Test Procedure for Electrical Connectors, Contacts and Sockets (revision and redesignation of ANSI/EIA 364-87A-2009)  
PINS Date: May 8, 2015 | Public Review Date: Dec 23, 2016 | Final Action Date: Apr 3, 2017 | [Approved](#)

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- ▶ ANSI/EIA 364-88A-2009 (R2021), Residual Magnetism Test Procedure for Electrical Connectors, Contacts and Sockets (reaffirmation of ANSI/EIA 364-88A-2009 (R2016))  
Public Review Date: May 21, 2021 | Final Action Date: Jul 23, 2021 | [Approved](#)

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- ▶ ANSI/EIA 364-90A-2019, Crosstalk Ratio Test Procedures for Electrical Connectors, Sockets, Cable Assemblies or Interconnect Systems (revision and redesignation of ANSI/EIA 364-90-2000 (R2013))  
PINS Date: Apr 26, 2019 | Public Review Date: Jun 14, 2019 | Final Action Date: Sep 23, 2019 | [Approved](#)

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- ▶ ANSI/EIA 364-91B-2016 (R2022), Dust Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-91B-2016)  
PINS Date: Dec 3, 2021 | Public Review Date: Apr 8, 2022 | Final Action Date: Jun 6, 2022 | [Approved](#)

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- ▶ ANSI/EIA 364-92-1997 (R2020), Wire Bending Test Procedure for Insulation Displacement Contacts (IDC) for Electrical Connectors (reaffirmation of ANSI/EIA 364-92-1997 (R2014))  
Public Review Date: Oct 25, 2019 | Final Action Date: Jan 17, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-93-2009 (R2020), Repeated Wire Connection and Disconnection Test Procedure for Insulation Displacement Contacts (IDC) for Electrical Connectors (reaffirmation of ANSI/EIA 364-93-2009 (R2015))  
Public Review Date: Apr 24, 2020 | Final Action Date: Jul 23, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-94-2009 (R2020), Transverse Extraction Force Test Procedure for Insulation Displacement Contacts (IDC) for Electrical Connectors (reaffirmation of ANSI/EIA 364-94-2009 (R2015))  
Public Review Date: Apr 17, 2020 | Final Action Date: Jul 23, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-95-1999 (R2018), Full Mating and Mating Stability Test Procedures for Electrical Connectors (reaffirmation of ANSI/EIA 364-95-1999 (R2012))  
PINS Date: Sep 1, 2017 | Public Review Date: Dec 1, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI/EIA 364-96A-2017, Plated Through Hole Integrity Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-96-2002 (R2016))  
PINS Date: Dec 2, 2016 | Public Review Date: Feb 3, 2017 | Final Action Date: Jun 19, 2017 | [Approved](#)

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**ECIA (Electronic Components Industry Association)**

- ▶ ANSI/EIA 364-97-1997 (R2020), Housing Panel Retention Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-97-1997 (R2015))  
Public Review Date: Apr 17, 2020 | Final Action Date: Jul 23, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-98-2009 (R2020), Housing Locking Mechanism Strength Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-98-2009 (R2015))  
Public Review Date: Apr 17, 2020 | Final Action Date: Jul 23, 2020 | [Approved](#)

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- ▶ ANSI/EIA 364-99-1999 (R2018), Gage Location and Retention Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-99-1999 (R2012))  
PINS Date: Sep 1, 2017 | Public Review Date: Dec 1, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI/EIA 364-G-2021, Electrical Connector/Socket Test Procedures Including Environmental Classifications (revision and redesignation of ANSI/EIA 364-F-2014)  
PINS Date: Apr 26, 2019 | Public Review Date: May 28, 2021 | Final Action Date: Jul 29, 2021 | [Approved](#)

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- ▶ ANSI/EIA 468-C-2008 (R2017), Lead Taping of Components in the Radial Configuration for Automatic Handling (reaffirmation of ANSI/EIA 468-C-2008 (R2013))  
Public Review Date: Jul 14, 2017 | Final Action Date: Oct 5, 2017 | [Approved](#)

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- ▶ ANSI/EIA 469-E-2017, Standard Test Method for Destructive Physical Analysis (DPA) of Ceramic Monolithic Capacitors (revision and redesignation of ANSI/EIA 469-D-2006)  
PINS Date: Mar 25, 2011 | Public Review Date: Dec 2, 2016 | Final Action Date: Apr 25, 2017 | [Approved](#)

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- ▶ ANSI/EIA 481-F-2021, 4 mm Through 200 mm Embossed Carrier Taping and 8 mm & 12 mm Punched Carrier Taping of Surface Mount Components for Automatic Handling (revision and redesignation of ANSI/EIA 481-E-2015)  
PINS Date: Feb 8, 2019 | Public Review Date: Jun 18, 2021 | Final Action Date: Aug 5, 2021 | [Approved](#)

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- ▶ ANSI/EIA 521-A-2013, Application Guide for Multilayer Ceramic Capacitors - Electrical (new standard)  
PINS Date: Jul 13, 2012 | Public Review Date: May 17, 2013 | Final Action Date: Dec 4, 2013 | [Approved](#)

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- ▶ ANSI/EIA 575-C-2020, Resistors, Thick Film Rectangular SMD on Ceramic (revision and redesignation of ANSI/EIA 575-B-2014)  
PINS Date: Jun 14, 2019 | Public Review Date: Mar 27, 2020 | Final Action Date: Aug 7, 2020 | [Approved](#)

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- ▶ ANSI/EIA 576-B-2014, Resistors, Rectangular, Surface Mount Precision (revision and redesignation of ANSI/EIA 576-A-2005)  
PINS Date: May 17, 2013 | Public Review Date: Sep 27, 2013 | Final Action Date: May 9, 2014 | [Approved](#)

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- ▶ ANSI/EIA 576-C-2020, Resistors, Thin Film Rectangular SMD on Ceramic (revision and redesignation of ANSI/EIA/EECA-576-B-2014)  
PINS Date: Jun 7, 2019 | Public Review Date: Mar 27, 2020 | Final Action Date: Aug 7, 2020 | [Approved](#)

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- ▶ ANSI/EIA 60050-192-2017, International electrotechnical vocabulary - Part 192: Dependability (identical national adoption of IEC 60050-192: 2015 Ed.1.0)  
PINS Date: Mar 24, 2017 | Public Review Date: Jul 14, 2017 | Final Action Date: Sep 21, 2017 | [Approved](#)

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- ▶ ANSI/EIA 60115-1 ed. 4.0-2014 (R2021), Fixed Resistors for Use in Electronic Equipment Part 1: Generic Specification (reaffirmation of ANSI/EIA 60115-1 ed. 4.0-2014)  
Public Review Date: Jan 1, 2021 | Final Action Date: Aug 6, 2021 | [Approved](#)

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- ▶ ANSI/EIA 60115-1-2022, Fixed Resistors for Use in Electronic Equipment Part 1: Generic Specification (identical national adoption of IEC 60115-1:2020 ED5)  
PINS Date: Nov 12, 2021 | Public Review Date: Apr 15, 2022 | Final Action Date: Sep 13, 2022 | [Approved](#)

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**ECIA (Electronic Components Industry Association)**

- ▶ ANSI/EIA 60115-8 ed. 2.0-2014 (R2019), Fixed Resistors For Use In Electronic Equipment - Part 8: Sectional Specification Fixed Surface Mount Resistors (reaffirm a national adoption ANSI/EIA 60115-8 ed. 2.0-2014)  
Public Review Date: May 31, 2019 | Final Action Date: Nov 12, 2019 | [Approved](#)
- ▶ ANSI/EIA 60115-9-1-2014 (R2019), Fixed resistors for use in electronic equipment - Part 9-1: Blank detail specification: Fixed surface mount resistor networks with individually measurable resistors - Assessment level EZ (reaffirm a national adoption ANSI/EIA 60115-9-1-2014)  
Public Review Date: May 31, 2019 | Final Action Date: Nov 12, 2019 | [Approved](#)
- ▶ ANSI/EIA 60115-9-2014 (R2019), Fixed resistors for use in electronic equipment - Part 9: Sectional specification: Fixed surface mount resistor networks with individually measurable resistors (reaffirm a national adoption ANSI/EIA 60115-9-2014)  
Public Review Date: May 31, 2019 | Final Action Date: Nov 12, 2019 | [Approved](#)
- ▶ ANSI/EIA 60384-1-2017, Fixed capacitors for use in electronic equipment - Part 1: Generic specification (identical national adoption of IEC 60384-1:2016 and revision of ANSI/EIA 60384-1-2014)  
PINS Date: Jan 20, 2017 | Public Review Date: Jul 7, 2017 | Final Action Date: Oct 5, 2017 | [Approved](#)
- ▶ ANSI/EIA 60384-1-2022, Fixed capacitors for use in electronic equipment - Part 1: Generic specification (identical national adoption of IEC 60384-1:2021 ED6)  
PINS Date: Nov 12, 2021 | Public Review Date: Apr 15, 2022 | Final Action Date: Sep 13, 2022 | [Approved](#)
- ▶ ANSI/EIA 60384-11-2014 (R2021), Fixed Capacitors for Use in Electronic Equipment Part 11: Sectional Specification Fixed Polyethylene-Terephthalate Film Dielectric Metal Foil d.c. Capacitors (reaffirmation of ANSI/EIA 60384-11-2014)  
Public Review Date: Jan 1, 2021 | Final Action Date: Aug 10, 2021 | [Approved](#)
- ▶ ANSI/EIA 60384-11-2022, Fixed Capacitors for Use in Electronic Equipment Part 11: Sectional specification Fixed polyethylene-terephthalate film dielectric metal foil DC capacitors (identical national adoption of IEC 60384-11:2019 ED4)  
PINS Date: Nov 12, 2021 | Public Review Date: Apr 15, 2022 | Final Action Date: Sep 13, 2022 | [Approved](#)
- ▶ ANSI/EIA 60384-13-2014, Fixed capacitors for use in electronic equipment - Part 13: Sectional specification - Fixed polypropylene film dielectric metal foil d.c. capacitors (identical national adoption of IEC 60384-13 ed. 4.0)  
PINS Date: Jun 14, 2013 | Public Review Date: Oct 11, 2013 | Final Action Date: Oct 10, 2014 | [Approved](#)
- ▶ ANSI/EIA 60384-13-2022, Fixed capacitors for use in electronic equipment - Part 13: Sectional specification - Fixed polypropylene film dielectric metal foil d.c. capacitors (identical national adoption of IEC 60384-13:2020 Edition 5.0)  
PINS Date: Jan 1, 2021 | Public Review Date: Oct 1, 2021 | Final Action Date: Mar 11, 2022 | [Approved](#)
- ▶ ANSI/EIA 60384-15-2020, Fixed capacitors for use in electronic equipment - Part 15: Sectional specification: Fixed tantalum capacitors with non-solid or solid electrolyte (identical national adoption of IEC 60384-15:2017 Edition 2.0)  
PINS Date: Jun 7, 2019 | Public Review Date: Nov 15, 2019 | Final Action Date: Sep 4, 2020 | [Approved](#)
- ▶ ANSI/EIA 60384-16-2014 (R2021), Fixed Capacitors for Use in Electronic Equipment Part 16: Sectional specification: Fixed metallized polypropylene film dielectric d.c. capacitors (reaffirmation of ANSI/EIA 60384-16-2014)  
Public Review Date: Jan 1, 2021 | Final Action Date: Aug 10, 2021 | [Approved](#)
- ▶ ANSI/EIA 60384-16-2022, Fixed Capacitors for Use in Electronic Equipment Part 16: Sectional specification: Fixed metallized polypropylene film dielectric d.c. capacitors (identical national adoption of IEC 60384-16:2019 ED3)  
PINS Date: Nov 12, 2021 | Public Review Date: Apr 15, 2022 | Final Action Date: Sep 13, 2022 | [Approved](#)
- ▶ ANSI/EIA 60384-17-2014 (R2021), Fixed Capacitors for Use in Electronic Equipment Part 17: Sectional Specification Fixed Metallized Polypropylene Film Dielectric a.c. and Pulse Capacitors (reaffirmation of ANSI/EIA 60384-17-2014)  
Public Review Date: Jan 1, 2021 | Final Action Date: Aug 10, 2021 | [Approved](#)

**ECIA (Electronic Components Industry Association)**

- ▶ ANSI/EIA 60384-17-2022, Fixed Capacitors for Use in Electronic Equipment Part 17: Sectional Specification Fixed Metallized Polypropylene Film Dielectric a.c. and Pulse Capacitors (identical national adoption of IEC 60384-17:2019 ED3)  
PINS Date: Nov 12, 2021 | Public Review Date: Apr 15, 2022 | Final Action Date: Sep 13, 2022 | [Approved](#)
- ▶ ANSI/EIA 60384-18-2017, Fixed capacitors for use in electronic equipment - Part 18: Sectional specification - Fixed aluminium electrolytic surface mount capacitors with solid (MnO<sub>2</sub>) and non-solid electrolyte (identical national adoption of IEC 60384-18:2016 and revision of ANSI/EIA 60384-18-2014)  
PINS Date: Jan 20, 2017 | Public Review Date: Jul 7, 2017 | Final Action Date: Oct 5, 2017 | [Approved](#)
- ▶ ANSI/EIA 60384-19-2017, Fixed capacitors for use in electronic equipment - Part 19: Sectional specification: Fixed metallized polyethylene-terephthalate film dielectric surface mount d.c. capacitors (identical national adoption of IEC 60384-19:2015 and revision of ANSI/EIA 60384-19-2014)  
PINS Date: Jan 20, 2017 | Public Review Date: Jul 7, 2017 | Final Action Date: Oct 5, 2017 | [Approved](#)
- ▶ ANSI/EIA 60384-2-2014, Fixed Capacitors for Use in Electronic Equipment - Part 2: Sectional Specification - Fixed Metallized Polyethylene Terephthalate Film Dielectric d.c. Capacitors (identical national adoption of IEC 60384-2 ed. 4.0)  
PINS Date: Jun 14, 2013 | Public Review Date: Oct 18, 2013 | Final Action Date: Oct 6, 2014 | [Approved](#)
- ▶ ANSI/EIA 60384-2-2022, Fixed Capacitors for Use in Electronic Equipment - Part 2: Sectional Specification - Fixed Metallized Polyethylene Terephthalate Film Dielectric d.c. Capacitors (identical national adoption of IEC 60384-2:2021 ED5)  
PINS Date: Nov 12, 2021 | Public Review Date: Apr 15, 2022 | Final Action Date: Sep 13, 2022 | [Approved](#)
- ▶ ANSI/EIA 60384-20-2017, Fixed capacitors for use in electronic equipment - Part 20: Sectional specification - Fixed metallized polyphenylene sulfide film dielectric surface mount d.c. capacitors (identical national adoption of IEC 60384-20:2015 and revision of ANSI/EIA 60384-20-2014)  
PINS Date: Sep 30, 2016 | Public Review Date: Dec 16, 2016 | Final Action Date: Jun 30, 2017 | [Approved](#)
- ▶ ANSI/EIA 60384-21-2020, Fixed capacitors for use in electronic equipment - Part 21: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1 (identical national adoption of IEC 60384-21:2019 Edition 3.0)  
PINS Date: Jun 7, 2019 | Public Review Date: Nov 15, 2019 | Final Action Date: Sep 3, 2020 | [Approved](#)
- ▶ ANSI/EIA 60384-22-2020, Fixed capacitors for use in electronic equipment - Part 22: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2 (identical national adoption of IEC 60384-22)  
PINS Date: Jun 7, 2019 | Public Review Date: Nov 15, 2019 | Final Action Date: Sep 3, 2020 | [Approved](#)
- ▶ ANSI/EIA 60384-23-2017, Fixed capacitors for use in electronic equipment - Part 23: Sectional specification - Fixed metallized polyethylene naphthalate film dielectric surface mount d.c. capacitors (identical national adoption of IEC 60384-23:2015 and revision of ANSI/EIA 60384-23-2014)  
PINS Date: Jan 20, 2017 | Public Review Date: Jul 7, 2017 | Final Action Date: Oct 5, 2017 | [Approved](#)
- ▶ ANSI/EIA 60384-24-2017, Fixed capacitors for use in electronic equipment - Part 24: Sectional specification - Fixed tantalum electrolytic surface mount capacitors with conductive polymer solid electrolyte (identical national adoption of IEC 60384-24:2015 and revision of ANSI/EIA 60384-24-2014)  
PINS Date: Sep 30, 2016 | Public Review Date: Dec 16, 2016 | Final Action Date: Jun 30, 2017 | [Approved](#)
- ▶ ANSI/EIA 60384-24-2022, Fixed capacitors for use in electronic equipment - Part 24: Sectional specification - Fixed tantalum electrolytic surface mount capacitors with conductive polymer solid electrolyte (identical national adoption of IEC 60384-24:2021 ED3)  
PINS Date: Nov 12, 2021 | Public Review Date: Apr 15, 2022 | Final Action Date: Sep 13, 2022 | [Approved](#)

**ECIA (Electronic Components Industry Association)**

- ▶ ANSI/EIA 60384-25-1-2014 (R2019), Fixed capacitors for use in electronic equipment - Part 25-1: Blank detail specification - Surface mount fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte - Assessment level EZ (reaffirm a national adoption ANSI/EIA 60384-25-1-2014)  
Public Review Date: May 31, 2019 | Final Action Date: Nov 12, 2019 | [Approved](#)
- ▶ ANSI/EIA 60384-25-2017, Fixed capacitors for use in electronic equipment - Part 25: Sectional specification: Fixed aluminium electrolytic surface mount capacitors with conductive polymer solid electrolyte (identical national adoption of IEC 60384-25:2015 and revision of ANSI/EIA 60384-25-2014)  
PINS Date: Sep 30, 2016 | Public Review Date: Dec 16, 2016 | Final Action Date: Jun 30, 2017 | [Approved](#)
- ▶ ANSI/EIA 60384-25-2022, Fixed capacitors for use in electronic equipment - Part 25: Sectional specification: Fixed aluminium electrolytic surface mount capacitors with conductive polymer solid electrolyte (identical national adoption of IEC 60384-25:2021 ED3)  
PINS Date: Nov 12, 2021 | Public Review Date: Apr 15, 2022 | Final Action Date: Sep 13, 2022 | [Approved](#)
- ▶ ANSI/EIA 60384-26-1-2014 (R2019), Fixed capacitors for use in electronic equipment - Part 26-1: Blank detail specification - Fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte - Assessment level EZ (reaffirm a national adoption ANSI/EIA 60384-26-1-2014)  
Public Review Date: May 31, 2019 | Final Action Date: Nov 12, 2019 | [Approved](#)
- ▶ ANSI/EIA 60384-26-2020, Fixed capacitors for use in electronic equipment - Part 26: Sectional specification - Fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte (identical national adoption of IEC 60384-26:2018 Edition 2.0 and revision of ANSI/EIA 60384-26-2014)  
PINS Date: Jun 7, 2019 | Public Review Date: Nov 15, 2019 | Final Action Date: Sep 4, 2020 | [Approved](#)
- ▶ ANSI/EIA 60384-3-2017, Fixed capacitors for use in electronic equipment - Part 3: Sectional specification: Surface mount fixed tantalum electrolytic capacitors with manganese dioxide solid electrolyte (identical national adoption of IEC 60384-3:2015 and revision of ANSI/EIA 60384-3-2014)  
PINS Date: Sep 30, 2016 | Public Review Date: Dec 16, 2016 | Final Action Date: Jun 30, 2017 | [Approved](#)
- ▶ ANSI/EIA 60384-4-2017 (R2022), Fixed capacitors for use in electronic equipment - Part 4: Sectional specification - Fixed aluminium electrolytic capacitors with solid (MnO<sub>2</sub>) and non-solid electrolyte (reaffirmation of ANSI/EIA 60384-4-2017)  
Public Review Date: Jun 17, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)
- ▶ ANSI/EIA 60384-8-2017, Fixed capacitors for use in electronic equipment - Part 8: Sectional specification: Fixed capacitors of ceramic dielectric, Class 1 (identical national adoption of IEC 60384-8:2015 and revision of ANSI/EIA 60384-8-2014)  
PINS Date: Jan 20, 2017 | Public Review Date: Jul 7, 2017 | Final Action Date: Nov 1, 2017 | [Approved](#)
- ▶ ANSI/EIA 60384-9-2017, Fixed capacitors for use in electronic equipment - Part 9: Sectional specification: Fixed capacitors of ceramic dielectric, Class 2 (identical national adoption of IEC 60384-9:2015 and revision of ANSI/EIA 60384-9-2015)  
PINS Date: Jan 20, 2017 | Public Review Date: Jul 7, 2017 | Final Action Date: Oct 5, 2017 | [Approved](#)
- ▶ ANSI/EIA 60440-2014 (R2019), Method of measurement of non-linearity in resistors (reaffirm a national adoption ANSI/EIA 60440-2014)  
Public Review Date: May 31, 2019 | Final Action Date: Nov 12, 2019 | [Approved](#)
- ▶ ANSI/EIA 60938-1-2014 (R2021), Fixed Inductors for Electromagnetic Interference Suppression Part 1: Generic Specification (reaffirmation of ANSI/EIA 60938-1-2014)  
Public Review Date: Jan 1, 2021 | Final Action Date: Aug 10, 2021 | [Approved](#)
- ▶ ANSI/EIA 60938-1-2022, Fixed Inductors for Electromagnetic Interference Suppression Part 1: Generic Specification (identical national adoption of IEC 60938-1:2021 ED3)  
PINS Date: Nov 12, 2021 | Public Review Date: Apr 15, 2022 | Final Action Date: Sep 13, 2022 | [Approved](#)

**ECIA (Electronic Components Industry Association)**

- ▶ ANSI/EIA 60938-2-1-2014 (R2021), Fixed Inductors for Electromagnetic Interference Suppression Part 2-1: Blank Detail Specification Inductors for Which Safety Tests Are Required Assessment Level D (reaffirmation of ANSI/EIA 60938-2-1-2014)  
Public Review Date: Jan 1, 2021 | Final Action Date: Aug 10, 2021 | [Approved](#)
- ▶ ANSI/EIA 60938-2-2-2014 (R2021), Fixed Inductors for Electromagnetic Interference Suppression Part 2-2: Blank Detail Specification Inductors for Which Safety Tests Are Required (Only) (reaffirmation of ANSI/EIA 60938-2-2-2014)  
Public Review Date: Jan 1, 2021 | Final Action Date: Aug 10, 2021 | [Approved](#)
- ▶ ANSI/EIA 60938-2-2014 (R2021), Fixed Inductors for Electromagnetic Interference Suppression Part 2: Sectional Specification (reaffirmation of ANSI/EIA 60938-2-2014)  
Public Review Date: Jan 1, 2021 | Final Action Date: Aug 10, 2021 | [Approved](#)
- ▶ ANSI/EIA 60938-2-2022, Fixed Inductors for Electromagnetic Interference Suppression Part 2: Sectional Specification (identical national adoption of IEC 60938-2:2021 ED3)  
PINS Date: Nov 12, 2021 | Public Review Date: Apr 15, 2022 | Final Action Date: Sep 13, 2022 | [Approved](#)
- ▶ ANSI/EIA 61014-2017, Programs for reliability growth (identical national adoption of IEC 61014:2003 Ed.2.0)  
PINS Date: Aug 19, 2016 | Public Review Date: Jan 27, 2017 | Final Action Date: May 11, 2017 | [Approved](#)
- ▶ ANSI/EIA 61025-2017, Fault tree analysis (FTA) (identical national adoption of IEC 61025:2006 Ed.2.0)  
PINS Date: Aug 19, 2016 | Public Review Date: Jan 27, 2017 | Final Action Date: May 11, 2017 | [Approved](#)
- ▶ ANSI/EIA 61078-2018, Reliability Block Diagrams (identical national adoption of IEC 61078:2016)  
PINS Date: Jul 14, 2017 | Public Review Date: Sep 22, 2017 | Final Action Date: Jan 17, 2018 | [Approved](#)
- ▶ ANSI/EIA 61124-2017, Reliability testing - Compliance tests for constant failure rate and constant failure intensity (identical national adoption of IEC 61124:2012 Ed.3.0)  
PINS Date: Aug 19, 2016 | Public Review Date: Jan 27, 2017 | Final Action Date: May 11, 2017 | [Approved](#)
- ▶ ANSI/EIA 61164-2017, Reliability growth - Statistical test and estimation methods (identical national adoption of IEC 61164:2004 Ed.2.0)  
PINS Date: Aug 19, 2016 | Public Review Date: Jan 27, 2017 | Final Action Date: May 11, 2017 | [Approved](#)
- ▶ ANSI/EIA 61649-2017, Weibull Analysis (identical national adoption of IEC 61649:2008 Ed.2.0)  
PINS Date: Sep 30, 2016 | Public Review Date: Jan 27, 2017 | Final Action Date: May 11, 2017 | [Approved](#)
- ▶ ANSI/EIA 61703-2017, Mathematical expressions for reliability, availability, maintainability and maintenance support terms (identical national adoption of IEC 61703:2016)  
PINS Date: Mar 24, 2017 | Public Review Date: Jul 14, 2017 | Final Action Date: Sep 21, 2017 | [Approved](#)
- ▶ ANSI/EIA 61710-2017, Power law mode - Goodness-of-fit tests and estimation methods (identical national adoption of IEC 61710:2013 Ed.2.0)  
PINS Date: Aug 19, 2016 | Public Review Date: Jan 27, 2017 | Final Action Date: May 11, 2017 | [Approved](#)
- ▶ ANSI/EIA 622-C-2020, Glossary of Electrical Connector Related Terms (revision and redesignation of ANSI/EIA 622-B-2015)  
PINS Date: Jan 31, 2020 | Public Review Date: May 8, 2020 | Final Action Date: Jul 14, 2020 | [Approved](#)
- ▶ ANSI/EIA 62391-1-2020, Fixed electric double-layer capacitors for use in electric and electronic equipment - Part 1: Generic specification (identical national adoption of IEC 62391-1:2015 Edition 2.0)  
PINS Date: Jun 7, 2019 | Public Review Date: Nov 15, 2019 | Final Action Date: Sep 4, 2020 | [Approved](#)
- ▶ ANSI/EIA 62391-2-1-2014 (R2019), Fixed electric double-layer capacitors for use in electronic equipment - Part 2-1: Blank detail specification - Electric double-layer capacitors for power application - Assessment level EZ (reaffirmation of ANSI/EIA 62391-2-1-2014)  
Public Review Date: May 31, 2019 | Final Action Date: Nov 12, 2019 | [Approved](#)

**ECIA (Electronic Components Industry Association)**

- ▶ ANSI/EIA 62391-2-2014 (R2019), Fixed electric double-layer capacitors for use in electronic equipment - Part 2: Sectional specification - Electric double layer capacitors for power application (reaffirm a national adoption ANSI/EIA 62391-2-2014)  
Public Review Date: May 31, 2019 | Final Action Date: Nov 12, 2019 | [Approved](#)
- ▶ ANSI/EIA 62506-2017, Methods for product accelerated testing (identical national adoption of IEC 62506:2013 Ed.1.0)  
PINS Date: Aug 19, 2016 | Public Review Date: Jan 27, 2017 | Final Action Date: May 11, 2017 | [Approved](#)
- ▶ ANSI/EIA 703-B-2020, General Resistor Stress Test Qualification Specification (new standard)  
PINS Date: Jun 7, 2019 | Public Review Date: Mar 27, 2020 | Final Action Date: Aug 20, 2020 | [Approved](#)
- ▶ ANSI/EIA 747-C-2020, Adhesive backed punched plastic carrier taping of singulated bare die and other surface mount components for automatic handling of devices generally less than 1.0 mm thick (revision and redesignation of ANSI/EIA-747-B-2014)  
PINS Date: Feb 8, 2019 | Public Review Date: Oct 18, 2019 | Final Action Date: May 7, 2020 | [Approved](#)
- ▶ ANSI/EIA 757-A-2015, Visual and Mechanical Inspection for Molded SMT Solid Tantalum Capacitors (new standard)  
PINS Date: Nov 9, 2012 | Public Review Date: Nov 21, 2014 | Final Action Date: Mar 3, 2015 | [Approved](#)
- ▶ ANSI/EIA 797-2014 (R2020), Aluminum-Electrolytic Capacitor Application Guideline (reaffirmation of ANSI/EIA 797-2014)  
Public Review Date: May 22, 2020 | Final Action Date: Nov 9, 2020 | [Approved](#)
- ▶ ANSI/EIA 886-B-2020, Resistors, Thick Film Array on Ceramic (revision and redesignation of ANSI/EIA 886-A-2014)  
PINS Date: Sep 13, 2019 | Public Review Date: Mar 27, 2020 | Final Action Date: Aug 7, 2020 | [Approved](#)
- ▶ ANSI/EIA 887-A-2015, Thin Film Resistor Network Specification (new standard)  
PINS Date: Nov 15, 2013 | Public Review Date: Apr 11, 2014 | Final Action Date: Aug 4, 2015 | [Approved](#)
- ▶ ANSI/EIA 944-2013 (R2020), Surface Mount Chip Bead Qualification Specification (reaffirmation of ANSI/EIA 944-2013)  
Public Review Date: May 22, 2020 | Final Action Date: Aug 7, 2020 | [Approved](#)
- ▶ ANSI/EIA 948-2004 (R2017), Component Tray for Automated Handling (reaffirmation of ANSI/EIA 948-2004 (R2011))  
Public Review Date: Sep 2, 2016 | Final Action Date: Feb 3, 2017 | [Approved](#)
- ▶ ANSI/EIA 960-B-2017, Assembly Component Tray - ACT (revision and redesignation of ANSI/EIA 960-A-2011)  
PINS Date: Sep 2, 2016 | Public Review Date: Jan 20, 2017 | Final Action Date: Apr 20, 2017 | [Approved](#)
- ▶ ANSI/EIA 970-2013 (R2021), Test Procedure for High Frequency Characterization of Low Inductance Multilayer Ceramic Chip Capacitors (reaffirmation of ANSI/EIA 970-2013)  
Public Review Date: Dec 4, 2020 | Final Action Date: Mar 22, 2021 | [Approved](#)
- ▶ ANSI/EIA 971-2014 (R2019), 4 mm Embossed Carrier Taping of Micro-Sized Surface Mount Components for Automatic Handling (reaffirmation of ANSI/EIA 971-2014)  
Public Review Date: Jul 26, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)
- ▶ ANSI/EIA 972-2018, Specification for M12 Power Circular Connector (new standard)  
PINS Date: Apr 6, 2012 | Public Review Date: Sep 1, 2017 | Final Action Date: Mar 8, 2018 | [Approved](#)
- ▶ ANSI/EIA 973-2018, Specification for M12 Hybrid (Data and Power) Circular Connector (new standard)  
PINS Date: Apr 6, 2012 | Public Review Date: Sep 8, 2017 | Final Action Date: Mar 8, 2018 | [Approved](#)
- ▶ ANSI/EIA 977-2017 (R2021), Test Method Electronic Passive Components Exposure to Atmospheric Sulfur (reaffirmation of ANSI/EIA 977-2017)  
Public Review Date: Feb 5, 2021 | Final Action Date: Jun 3, 2021 | [Approved](#)

**ECIA (Electronic Components Industry Association)**

- ▶ ANSI/EIA/ECA 364-110-2006 (R2019), Thermal Cycling Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA/ECA 364-110-2006 (R2013))  
Public Review Date: Apr 26, 2019 | Final Action Date: Jul 29, 2019 | [Approved](#)
- ▶ ANSI/EIA/ECA 747B-2014, Adhesive Backed punched plastic carrier taping of singulated bare die and other surface mount components for automatic handling of devices generally less than 1.0mm thick (new standard)  
PINS Date: Aug 31, 2012 | Public Review Date: Mar 8, 2013 | Final Action Date: Feb 4, 2014 | [Approved](#)

**EIMA (EIFS Industry Members Association)**

513 West Broad Street, Suite 210, Falls Church, VA 22046 | w: [www.eima.com](http://www.eima.com)

- ▶ ANSI/EIMA 99A-2017, Standard for Exterior Insulation and Finish Systems (EIFS) and EIFS with Drainage (new standard)  
PINS Date: Oct 26, 2012 | Public Review Date: Apr 14, 2017 | Final Action Date: Jun 26, 2017 | [Approved](#)

**EMAP (Emergency Management Accreditation Program)**

201 Park Washington Court, Falls Church, VA 22046-4527 | w: [www.emap.org](http://www.emap.org)

- ▶ ANSI/EMAP EM OPS 1-2022, Emergency Management Operational Standard (new standard)  
PINS Date: Nov 27, 2020 | Public Review Date: Jun 18, 2021 | Final Action Date: Oct 13, 2022 | [Approved](#)
- ▶ ANSI/EMAP EMS 5-2022, Emergency Management Standard (revision of ANSI/EMAP EMS 5-2019)  
PINS Date: Aug 7, 2020 | Public Review Date: Jun 18, 2021 | Final Action Date: Oct 13, 2022 | [Approved](#)
- ▶ ANSI/EMAP US&R 2-2022, Urban Search & Rescue Standard (revision of ANSI/EMAP US&R 2-2019)  
PINS Date: Aug 14, 2020 | Public Review Date: Jun 18, 2021 | Final Action Date: Oct 13, 2022 | [Approved](#)
- ▶ ANSI/EMAP US&R OPS 1-2022, Urban Search & Rescue Operational Standard (new standard)  
PINS Date: Nov 27, 2020 | Public Review Date: Jun 18, 2021 | Final Action Date: Oct 13, 2022 | [Approved](#)

**EOS/ESD (ESD Association, Inc.)**

218 W. Court Street, Rome, NY 13440 | w: [www.esda.org](http://www.esda.org)

- ▶ ANSI/EOS ESD STM11.11-2022, ESD Association Standard Test Method for Protection of Electrostatic Discharge Susceptible Items – Surface Resistance Measurement of Planar Materials (revision of ANSI/ESD STM11.11-2021)  
PINS Date: Feb 18, 2022 | Public Review Date: May 6, 2022 | Final Action Date: Jun 9, 2022 | [Approved](#)
- ▶ ANSI/EOS ESD STM5.5.1-2022, ESD Association Standard Test Method for Electrostatic Discharge (ESD) Sensitivity Testing – Transmission Line Pulse (TLP) – Device Level (revision of ANSI/ESD STM5.5.1-2017)  
Public Review Date: May 6, 2022 | Final Action Date: Jun 9, 2022 | [Approved](#)
- ▶ ANSI/EOS ESD STM9.1-2022, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items – Footwear and Foot Grounders – Resistive Characterization (revision, redesignation and consolidation of ANSI/ESD SP9.2-2019)  
PINS Date: Aug 17, 2018 | Public Review Date: Apr 8, 2022 | Final Action Date: May 13, 2022 | [Approved](#)
- ▶ ANSI/ESD S1.1-2021, ESD Association Standard for the Protection of Electrostatic Discharge Susceptible Items – Wrist Straps (revision of ANSI/ESD S1.1-2013)  
PINS Date: Sep 8, 2017 | Public Review Date: Aug 13, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)
- ▶ ANSI/ESD S11.4-2013, ESD Association Standard for the Protection of Electrostatic Discharge Susceptible Items - Static Control Bags (new standard)  
PINS Date: Dec 23, 2011 | Public Review Date: Dec 28, 2012 | Final Action Date: Apr 24, 2013 | [Approved](#)

**EOS/ESD (ESD Association, Inc.)**

- ▶ ANSI/ESD S13.1-2015 (R2020), ESD Association Standard for the Protection of Electrostatic Discharge Susceptible Items – Electrical Soldering/Desoldering Hand Tools (reaffirmation of ANSI/ESD S13.1-2015)  
Public Review Date: Nov 8, 2019 | Final Action Date: Jan 14, 2020 | [Approved](#)
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- ▶ ANSI/ESD S20.20-2014, ESD Association Standard for the Development of an Electrostatic Discharge Control Program for Protection of Electrical and Electronic Parts, Assemblies and Equipment (Excluding Electrically Initiated Explosive Devices) (revision of ANSI/ESD S20.20-2014)  
PINS Date: Oct 30, 2015 | Public Review Date: Jun 10, 2016 | Final Action Date: Aug 29, 2016 | [Approved](#)
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- ▶ ANSI/ESD S20.20-2021, ESD Association Standard for the Development of an Electrostatic Discharge Control Program for Protection of Electrical and Electronic Parts, Assemblies, and Equipment (Excluding Electrically Initiated Explosive Devices) (revision of ANSI/ESD S20.20-2014)  
PINS Date: Sep 28, 2018 | Public Review Date: Jul 2, 2021 | Final Action Date: Dec 14, 2021 | [Approved](#)
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- ▶ ANSI/ESD S541-2019, ESD Association Standard for the Protection of Electrostatic Discharge Susceptible Items – Packaging Materials (revision of ANSI/ESD S541-2018)  
PINS Date: Sep 28, 2018 | Public Review Date: Nov 15, 2019 | Final Action Date: Dec 19, 2019 | [Approved](#)
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- ▶ ANSI/ESD S6.1-2019, ESD Association Standard for the Protection of Electrostatic Discharge Susceptible Items – Grounding (revision of ANSI/ESD S6.1-2014)  
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- ▶ ANSI/ESD S8.1-2021, ESD Association Standard for Protection of Electrostatic Discharge Susceptible Items – Symbols – ESD Awareness (revision of ANSI/ESD S8.1-2017)  
PINS Date: Oct 23, 2020 | Public Review Date: Feb 12, 2021 | Final Action Date: May 13, 2021 | [Approved](#)
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- ▶ ANSI/ESD SP 5.2.1-2013, ESD Association Standard Practice for Electrostatic Discharge Sensitivity Testing -Machine Model (MM) Alternative Test Method: Supply Pin Ganging - Component Level (revision and redesignation of ANSI/ESD SP5.1.1-2006)  
PINS Date: Dec 3, 2010 | Public Review Date: Aug 9, 2013 | Final Action Date: Sep 30, 2013 | [Approved](#)
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- ▶ ANSI/ESD SP 5.3.2-2004 (R2013), ESD Association Standard Practice for Electrostatic Discharge Sensitivity Testing - Socketed Device Model (SDM) - Component Level (reaffirmation of ANSI/ESD SP 5.3.2-2004 (R2008))  
Public Review Date: Jul 12, 2013 | Final Action Date: Sep 30, 2013 | [Approved](#)
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- ▶ ANSI/ESD SP10.1-2016, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Automated Handling Equipment (AHE) (revision of ANSI/ESD SP10.1-2007)  
Public Review Date: Feb 26, 2016 | Final Action Date: May 3, 2016 | [Approved](#)
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- ▶ ANSI/ESD SP14.5-2021, ESD Association Standard Practice for Electrostatic Discharge Sensitivity Testing – Near Field Immunity Scanning - Component/Module/PCB Level (revision of ANSI/ESD SP14.5-2015)  
PINS Date: Mar 13, 2020 | Public Review Date: Mar 5, 2021 | Final Action Date: Jun 17, 2021 | [Approved](#)
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- ▶ ANSI/ESD SP17.1-2020, ESD Association Standard Practice for the Protection of Electrostatic Discharge Susceptible Items – Process Assessment Techniques (new standard)  
PINS Date: Jul 30, 2010 | Public Review Date: Aug 21, 2020 | Final Action Date: Dec 15, 2020 | [Approved](#)
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- ▶ ANSI/ESD SP27.1-2018, ESD Association Standard Practice for the Recommended Information Flow Regarding Potential EOS Issues between Automotive OEM, Tier 1, and Semiconductor Manufacturers (new standard)  
PINS Date: Jan 6, 2017 | Public Review Date: Feb 23, 2018 | Final Action Date: Apr 25, 2018 | [Approved](#)
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- ▶ ANSI/ESD SP3.3-2012 (R2017), ESD Association Standard Practice for the Protection of Electrostatic Discharge Susceptible Items - Periodic Verification of Air Ionizers (reaffirmation of ANSI/ESD SP3.3-2012)  
Public Review Date: Oct 28, 2016 | Final Action Date: Jan 3, 2017 | [Approved](#)
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**EOS/ESD (ESD Association, Inc.)**

- ▶ ANSI/ESD SP3.4-2012 (R2017), ESD Association Standard Practice for the Protection of Electrostatic Discharge Susceptible Items - Periodic Verification of Air Ionizer Performance Using a Small Test Fixture (reaffirmation of ANSI/ESD SP3.4-2012)  
Public Review Date: Oct 28, 2016 | Final Action Date: Jan 5, 2017 | [Approved](#)
- ▶ ANSI/ESD SP3.5-2020, ESD Association Standard Practice for the Protection of Electrostatic Discharge Susceptible Items - Test Methods for Air Assist Bar Ionizers, Soft X-Ray (Photon) Ionizers, Room Ionization Alternatives, and Non-Airflow Alpha Ionizers (new standard)  
PINS Date: Apr 14, 2017 | Public Review Date: Aug 28, 2020 | Final Action Date: Dec 7, 2020 | [Approved](#)
- ▶ ANSI/ESD SP5.0-2018, ESD Association Standard Practice for Electrostatic Discharge Sensitivity Testing – Reporting ESD Withstand Levels on Datasheets (new standard)  
PINS Date: Nov 24, 2017 | Public Review Date: Dec 28, 2018 | Final Action Date: Feb 22, 2019 | [Approved](#)
- ▶ ANSI/ESD SP5.1.3-2017, ESD Association Standard Practice for Electrostatic Discharge Sensitivity Testing - Human Body Model (HBM) Testing - Component Level - A Method for Randomly Selecting Pin Pairs (new standard)  
PINS Date: Jan 30, 2015 | Public Review Date: Apr 7, 2017 | Final Action Date: Jun 19, 2017 | [Approved](#)
- ▶ ANSI/ESD SP5.2.2-2012, ESD Association Standard Practice for Electrostatic Discharge Sensitivity Testing - Machine Model (MM) Alternative Test Method: Split Signal Pin - Component Level (revision and redesignation of ANSI/ESD SP5.1.2-2006)  
PINS Date: Dec 3, 2010 | Public Review Date: May 18, 2012 | Final Action Date: Jul 29, 2013 | [Approved](#)
- ▶ ANSI/ESD SP5.3.3-2018, ESD Association Standard Practice for Electrostatic Discharge Sensitivity Testing – Charged Device Model (CDM) Testing – Component Level – Low-Impedance Contact CDM as an Alternative CDM Characterization Method (new standard)  
PINS Date: Sep 22, 2017 | Public Review Date: Nov 23, 2018 | Final Action Date: Feb 22, 2019 | [Approved](#)
- ▶ ANSI/ESD SP5.3.4-2022, ESD Association Standard Practice for Electrostatic Discharge Sensitivity Testing – Charged Device Model (CDM) Testing – Component Level – Capacitively Coupled – Transmission Line Pulsing as an Alternative CDM Characterization Method (new standard)  
PINS Date: Nov 24, 2017 | Public Review Date: Feb 25, 2022 | Final Action Date: Aug 18, 2022 | [Approved](#)
- ▶ ANSI/ESD SP5.4.1-2018 (R2022), ESD Association Standard Practice for Latch-up Sensitivity Testing of CMOS/BiCMOS Integrated Circuits Transient Latch-up Testing Device Level (reaffirmation of ANSI/ESD SP5.4.1-2018)  
Public Review Date: Jun 17, 2022 | Final Action Date: Aug 18, 2022 | [Approved](#)
- ▶ ANSI/ESD SP9.2-2019, ESD Association Draft Standard Practice for the Protection of Electrostatic Discharge Susceptible Items – Foot Grounders – Resistive Characterization (new standard)  
PINS Date: Oct 10, 2008 | Public Review Date: Mar 15, 2019 | Final Action Date: Jul 29, 2019 | [Approved](#)
- ▶ ANSI/ESD STM11.12-2021, ESD Association Standard Test Method for Protection of Electrostatic Discharge Susceptible Items – Volume Resistance Measurement of Static Dissipative Planar Materials (revision of ANSI/ESD STM11.12-2015)  
PINS Date: Aug 2, 2019 | Public Review Date: Feb 26, 2021 | Final Action Date: Jul 12, 2021 | [Approved](#)
- ▶ ANSI/ESD STM11.13-2021, ESD Association Draft Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items – Two-Point Resistance Measurement (revision of ANSI/ESD STM11.13-2018)  
PINS Date: Aug 2, 2019 | Public Review Date: Jul 9, 2021 | Final Action Date: Oct 28, 2021 | [Approved](#)
- ▶ ANSI/ESD STM11.31-2018, ESD Association Standard Test Method for Evaluating the Performance of Electrostatic Discharge Shielding Materials – Bags (revision of ANSI/ESD STM11.31-1994 (R2012))  
PINS Date: Nov 25, 2016 | Public Review Date: Aug 17, 2018 | Final Action Date: Dec 17, 2018 | [Approved](#)

**EOS/ESD (ESD Association, Inc.)**

- ▶ ANSI/ESD STM12.1-2019, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items – Seating – Resistance Measurement (revision of ANSI/ESD STM12.1-2014)  
PINS Date: Mar 1, 2019 | Public Review Date: Aug 23, 2019 | Final Action Date: Oct 17, 2019 | [Approved](#)

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- ▶ ANSI/ESD STM15.1-2019, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items – Methods For Resistance Measurement of Gloves And Finger Cots (revision and redesignation of ANSI/ESD SP15.1-2005 (R2011))  
PINS Date: Jun 12, 2015 | Public Review Date: Aug 23, 2019 | Final Action Date: Dec 19, 2019 | [Approved](#)

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- ▶ ANSI/ESD STM2.1-2013 (R2018), ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items Garments Resistive Characterization (reaffirmation of ANSI/ESD STM2.1-2013)  
Public Review Date: May 4, 2018 | Final Action Date: Jun 27, 2018 | [Approved](#)

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- ▶ ANSI/ESD STM3.1-2015, ESD Association Draft Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Ionization (revision of ANSI/ESD STM3.1-1991 (R2006))  
PINS Date: Apr 8, 2011 | Public Review Date: Nov 14, 2014 | Final Action Date: Nov 19, 2015 | [Approved](#)

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- ▶ ANSI/ESD STM4.1-2018, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Worksurfaces - Resistance Measurements (new standard)  
PINS Date: Jun 3, 2011 | Public Review Date: Oct 27, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI/ESD STM5.2-2013, ESD Association Standard Test Method for Electrostatic Discharge (ESD) Sensitivity Testing - Machine Model (MM) - Component Level (revision and redesignation of ANSI/ESD S5.2-2010)  
PINS Date: Mar 11, 2011 | Public Review Date: May 18, 2012 | Final Action Date: Jul 29, 2013 | [Approved](#)

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- ▶ ANSI/ESD STM5.5.1-2017, ESD Association Standard Test Method for Electrostatic Discharge (ESD) Sensitivity Testing - Transmission Line Pulse (TLP) - Device Level (revision, redesignation and consolidation of ANSI/ESD STM5.5.1-2014, ANSI/ESD SP5.5.2-2007)  
PINS Date: Jul 31, 2015 | Public Review Date: Nov 11, 2016 | Final Action Date: Jan 5, 2017 | [Approved](#)

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- ▶ ANSI/ESD STM7.1-2020, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Flooring Systems - Resistive Characterization (revision of ANSI/ESD STM7.1-2013)  
PINS Date: Mar 16, 2018 | Public Review Date: Aug 28, 2020 | Final Action Date: Jan 7, 2021 | [Approved](#)

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- ▶ ANSI/ESD STM97.1-2015, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Floor and Materials and Footwear - Resistance Measurement in Combination with a Person (revision of ANSI/ESD STM97.1-1999 (R2006))  
PINS Date: Mar 11, 2011 | Public Review Date: Aug 16, 2013 | Final Action Date: Jul 8, 2015 | [Approved](#)

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- ▶ ANSI/ESD STM97.2-2016, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Footwear/Flooring System - Voltage Measurement in Combination with a Person (new standard)  
PINS Date: Mar 11, 2011 | Public Review Date: Sep 2, 2016 | Final Action Date: Nov 17, 2016 | [Approved](#)

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- ▶ ANSI/ESDA/JEDEC JS-001-2017, ESDA/JEDEC Joint Standard for Electrostatic Discharge Sensitivity Testing - Human Body Model (HBM) - Component Level (revision of ANSI/ESDA/JEDEC JS-001-2014)  
PINS Date: Jun 3, 2016 | Public Review Date: Mar 17, 2017 | Final Action Date: May 12, 2017 | [Approved](#)

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- ▶ ANSI/ESDA/JEDEC JS-002-2022, ESDA/JEDEC Joint Standard for Electrostatic Discharge Sensitivity Testing – Charged Device Model (CDM) – Device Level (revision of ANSI/ESDA/JEDEC JS-002-2018)  
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**ESTA (Entertainment Services and Technology Association)**271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 | w: [www.est.org](http://www.est.org)

- ▶ ANSI E1.11-2008 (R2018), Entertainment Technology -- USITT DMX512-A -- Asynchronous Serial Digital Data Transmission Standard for Controlling Lighting Equipment and Accessories (reaffirmation of ANSI E1.11-2008 (R2013))  
Public Review Date: Feb 23, 2018 | Final Action Date: May 31, 2018 | [Approved](#)
- ▶ ANSI E1.14-2018, Entertainment Technology - Recommendations for Fog Equipment Manuals (revision of ANSI E1.14-2001 (R2013))  
PINS Date: Jun 16, 2017 | Public Review Date: Aug 11, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)
- ▶ ANSI E1.15-2006 (R2021), Entertainment Technology--Recommended Practices and Guidelines for the Assembly and Use of Theatrical Boom & Base Assemblies (reaffirmation of ANSI E1.15-2006 (R2016))  
Public Review Date: Oct 30, 2020 | Final Action Date: Mar 8, 2021 | [Approved](#)
- ▶ ANSI E1.16-2002 (R2021), Entertainment Technology — Configuration Standard for Metal-Halide Ballast Power Cables (reaffirmation of ANSI E1.16-2002 (R2017))  
Public Review Date: Aug 20, 2021 | Final Action Date: Oct 28, 2021 | [Approved](#)
- ▶ ANSI E1.17-2015 (R2020), Entertainment Technology -- Architecture for Control Networks (ACN) (reaffirmation of ANSI E1.17-2015)  
Public Review Date: Nov 15, 2019 | Final Action Date: Mar 23, 2020 | [Approved](#)
- ▶ ANSI E1.19-2021, Recommended Practice for the Use of Class A Ground-Fault Circuit Interrupters (GFCIs) Intended for Personnel Protection in the Entertainment Industry (revision of ANSI E1.19-2015)  
PINS Date: Apr 24, 2020 | Public Review Date: Mar 5, 2021 | Final Action Date: Oct 15, 2021 | [Approved](#)
- ▶ ANSI E1.2-2021, Entertainment Technology - Design, Manufacture and Use of Aluminum Trusses and Towers (revision of ANSI E1.2-2012)  
PINS Date: Aug 11, 2017 | Public Review Date: Oct 30, 2020 | Final Action Date: May 6, 2021 | [Approved](#)
- ▶ ANSI E1.22-2022, Entertainment Technology - Fire Safety Curtain Systems (revision of ANSI E1.22-2016)  
PINS Date: May 7, 2021 | Public Review Date: Oct 29, 2021 | Final Action Date: Apr 25, 2022 | [Approved](#)
- ▶ ANSI E1.24-2012 (R2021), EntertainmentTechnology—DimensionalRequirementsfor StagePinConnectors (reaffirmation of ANSI E1.24-2012 (R2017))  
Public Review Date: Aug 20, 2021 | Final Action Date: Oct 28, 2021 | [Approved](#)
- ▶ ANSI E1.25-2012 (R2017), Recommended Basic Conditions For Measuring The Photometric Output Of Stage And Studio Luminaires By Measuring Illumination Levels Produced On A Planar Surface (reaffirmation of ANSI E1.25-2012)  
Public Review Date: Aug 11, 2017 | Final Action Date: Nov 2, 2017 | [Approved](#)
- ▶ ANSI E1.26-2006 (R2022), Entertainment Technology – Recommended Testing Methods and Values for Shock Absorption of Floors Used in Live Performance Venues (reaffirmation of ANSI E1.26-2006 (R2017))  
Public Review Date: Feb 4, 2022 | Final Action Date: May 5, 2022 | [Approved](#)
- ▶ ANSI E1.27-1-2006 (R2021), Entertainment Technology—Standard for Portable Control Cables for Use with ANSI E1.11 (DMX512-A) and USITT DMX512/1990 Products (reaffirmation of ANSI E1.27-1-2006 (R2016))  
Public Review Date: Mar 5, 2021 | Final Action Date: May 21, 2021 | [Approved](#)
- ▶ ANSI E1.27-2-2009 (R2019), Entertainment Technology - Recommended Practice for Permanently Installed Control Cables for Use with ANSI E1.11 (DMX512-A) and USITT DMX512/1990 Products (reaffirmation of ANSI E1.27-2-2009 (R2014))  
Public Review Date: May 17, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

**ESTA (Entertainment Services and Technology Association)**

- ▶ ANSI E1.29-2009 (R2018), Product Safety Standard for Theatrical Fog Generators that Create Aerosols of Water, Aqueous Solutions of Glycol or Glycerin, or Aerosols of Highly Refined Alkane Mineral Oil (reaffirmation of ANSI E1.29-2009 (R2014))  
Public Review Date: Aug 10, 2018 | Final Action Date: Nov 6, 2018 | [Approved](#)

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- ▶ ANSI E1.3-2001 (R2021), Entertainment Technology - Lighting Control Systems - 0 to 10V Analog Control Specification (reaffirmation of ANSI E1.3-2001 (R2016))  
Public Review Date: Mar 5, 2021 | Final Action Date: May 21, 2021 | [Approved](#)

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- ▶ ANSI E1.30-1-2010 (R2021), EPI 23. Device Identification Subdevice (reaffirmation of ANSI E1.30-1-2010 (R2016))  
Public Review Date: Mar 5, 2021 | Final Action Date: May 21, 2021 | [Approved](#)

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- ▶ ANSI E1.30-10-2009 (R2019), EPI 32, Identification of Draft Device Description Language Modules (reaffirmation of ANSI E1.30-10-2009 (R2014))  
Public Review Date: May 17, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI E1.30-11-2019, EPI 33 -- ACN Root Layer Protocol Operation on TCP (new standard)  
PINS Date: Dec 9, 2005 | Public Review Date: Feb 23, 2018 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI E1.30-3-2009 (R2019), EPI 25, Time Reference in ACN Systems Using SNTP and NTP (reaffirmation of ANSI E1.30-3-2009 (R2014))  
Public Review Date: May 17, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI E1.30-4-2010 (R2021), EPI 26. Device Description Language (DDL) Extensions for DMX512 and E1.31 Devices (reaffirmation of ANSI E1.30-4-2010 (R2015))  
Public Review Date: Mar 5, 2021 | Final Action Date: May 27, 2021 | [Approved](#)

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- ▶ ANSI E1.31-2018, Entertainment Technology - Lightweight streaming protocol for transport of DMX512 using ACN (revision of ANSI E1.31-2016)  
PINS Date: Feb 17, 2017 | Public Review Date: Aug 18, 2017 | Final Action Date: Nov 7, 2018 | [Approved](#)

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- ▶ ANSI E1.32-2012 (R2022), Guide for the Inspection of Entertainment Industry Incandescent Lamp Luminaires (reaffirmation of ANSI E1.32-2012 (R2017))  
Public Review Date: Apr 8, 2022 | Final Action Date: Aug 11, 2022 | [Approved](#)

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- ▶ ANSI E1.33-2019, Entertainment Technology -- (RDMnet) -- Message Transport and Device Management of ANSI E1.20 (RDM) over IP Networks (new standard)  
PINS Date: Aug 11, 2006 | Public Review Date: Sep 21, 2018 | Final Action Date: Aug 27, 2019 | [Approved](#)

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- ▶ ANSI E1.34-2009 (R2019), Entertainment Technology--Measuring and Specifying the Slipperiness of Floors Used in Live Performance Venues (reaffirmation of ANSI E1.34-2009 (R2014))  
Public Review Date: Nov 2, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ ANSI E1.35-2013 (R2022), Standard for Lens Quality Measurements for Pattern Projecting Luminaires Intended for Entertainment Use (reaffirmation of ANSI E1.35-2013 (R2018))  
Public Review Date: Jul 8, 2022 | Final Action Date: Oct 20, 2022 | [Approved](#)

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- ▶ ANSI E1.36-2007 (R2017), Model Procedure for Permitting the Use of Tungsten-Halogen Incandescent Lamps and Stage and Studio Luminaires in Vendor Exhibit Booths in Convention and Trade Show Exhibition Halls (reaffirmation of ANSI E1.36-2007 (R2012))  
Public Review Date: Aug 11, 2017 | Final Action Date: Nov 2, 2017 | [Approved](#)

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- ▶ ANSI E1.36-2007 (R2022), Model Procedure for Permitting the Use of Tungsten-Halogen Incandescent Lamps and Stage and Studio Luminaires in Vendor Exhibit Booths in Convention and Trade Show Exhibition Halls (reaffirmation of ANSI E1.36-2007 (R2012))  
Public Review Date: Feb 4, 2022 | Final Action Date: May 2, 2022 | [Approved](#)

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**ESTA (Entertainment Services and Technology Association)**

- ▶ ANSI E1.37-1-2012 (R2022), Additional Message Sets for ANSI E1.20 (RDM) – Part 1, Dimmer Message Sets (reaffirmation of ANSI E1.37-1-2012 (R2017))  
Public Review Date: Apr 8, 2022 | Final Action Date: Nov 21, 2022 | [Approved](#)
- ▶ ANSI E1.37-2-2015 (R2021), Additional Message Sets for ANSI E1.20 (RDM) - Part 2, IPv4 & DNS Configuration Messages (reaffirmation of ANSI E1.37-2-2015)  
Public Review Date: Sep 4, 2020 | Final Action Date: Jun 24, 2021 | [Approved](#)
- ▶ ANSI E1.37-7-2019, Additional Message Sets for ANSI E1.20 (RDM) - Gateway & Splitter Messages (new standard)  
PINS Date: Feb 14, 2014 | Public Review Date: Sep 21, 2018 | Final Action Date: May 23, 2019 | [Approved](#)
- ▶ ANSI E1.39-2021, Entertainment Technology –Selection and Use of Personal Fall Arrest Systems on Portable Structures Used in the Entertainment Industry (revision of ANSI E1.39-2015)  
PINS Date: May 3, 2019 | Public Review Date: Oct 30, 2020 | Final Action Date: May 6, 2021 | [Approved](#)
- ▶ ANSI E1.4-1-2022, Manual Counterweight Rigging Systems (revision of ANSI E1.4-1-2016)  
PINS Date: Apr 30, 2021 | Public Review Date: Feb 4, 2022 | Final Action Date: Oct 27, 2022 | [Approved](#)
- ▶ ANSI E1.4-2-2021, Entertainment Technology – Statically Suspended Rigging Systems (new standard)  
PINS Date: Feb 14, 2014 | Public Review Date: Aug 7, 2020 | Final Action Date: May 6, 2021 | [Approved](#)
- ▶ ANSI E1.4-3-2020, Entertainment Technology—Manually Operated Hoist Rigging Systems (revision and partition of ANSI E1.4-2014)  
PINS Date: Feb 14, 2014 | Public Review Date: Nov 15, 2019 | Final Action Date: Jun 2, 2020 | [Approved](#)
- ▶ ANSI E1.40-2016 (R2021), Recommendations for the Planning of Theatrical Dust Effects (reaffirmation of ANSI E1.40-2016)  
Public Review Date: May 7, 2021 | Final Action Date: Sep 9, 2021 | [Approved](#)
- ▶ ANSI E1.41-2016, Recommendations for the Measurement of Entertainment Luminaires Utilizing Solid State Light Sources (revision of ANSI E1.41-2012)  
PINS Date: Apr 1, 2016 | Public Review Date: May 13, 2016 | Final Action Date: Sep 16, 2016 | [Approved](#)
- ▶ ANSI E1.42-2018, Entertainment TechnologyDesign, Installation, and Use of Orchestra Pit Lifts (revision of ANSI E1.42-2016)  
PINS Date: Jun 16, 2017 | Public Review Date: Feb 23, 2018 | Final Action Date: Nov 6, 2018 | [Approved](#)
- ▶ ANSI E1.43-2016, Entertainment Technology - Performer Flying Systems (new standard)  
PINS Date: Apr 1, 2011 | Public Review Date: Aug 14, 2015 | Final Action Date: Feb 12, 2016 | [Approved](#)
- ▶ ANSI E1.44-2014 (R2019), Common Show File Exchange Format for Entertainment Industry Automation Control Systems - Stage Machinery (reaffirmation of ANSI E1.44-2014)  
Public Review Date: Mar 8, 2019 | Final Action Date: May 23, 2019 | [Approved](#)
- ▶ ANSI E1.46-2018, Standard for the Prevention of Falls from Theatrical Stages and Raised Performance Platforms (revision of ANSI E1.46-2016)  
PINS Date: Mar 31, 2017 | Public Review Date: Jan 26, 2018 | Final Action Date: Jul 13, 2018 | [Approved](#)
- ▶ ANSI E1.48-2014 (R2019), A Recommended Luminous Efficiency Function for Stage and Studio Luminaire Photometry (reaffirmation of ANSI E1.48-2014)  
Public Review Date: Nov 2, 2018 | Final Action Date: Feb 1, 2019 | [Approved](#)
- ▶ ANSI E1.5-2009 (R2018), Theatrical Fog Made with Aqueous Solutions of Di- and Trihydric Alcohols (reaffirmation of ANSI E1.5-2009 (R2014))  
Public Review Date: Aug 10, 2018 | Final Action Date: Nov 29, 2018 | [Approved](#)

**ESTA (Entertainment Services and Technology Association)**

- ▶ ANSI E1.50-1□-2017, Entertainment Technology - Requirements for the Structural Support of Temporary LED, Video & Display Systems (new standard)  
PINS Date: Jan 31, 2014 | Public Review Date: Nov 25, 2016 | Final Action Date: Aug 14, 2017 | [Approved](#)
- ▶ ANSI E1.51-2018, The Selection, Installation, and Use of Single-Conductor Portable Power Feeder Cable Systems for Use at 600 Volts Nominal or Less for the Distribution of Electrical Energy in the Television, Film, Live Performance and Event Industries in Canada (new standard)  
PINS Date: Jan 24, 2014 | Public Review Date: Dec 1, 2017 | Final Action Date: Nov 7, 2018 | [Approved](#)
- ▶ ANSI E1.54-2021, ESTA Standard for Color Communication in Entertainment Lighting (revision of ANSI E1.54-2015)  
PINS Date: Aug 11, 2017 | Public Review Date: May 29, 2020 | Final Action Date: Jan 7, 2021 | [Approved](#)
- ▶ ANSI E1.55-2016 (R2021), Standard for Theatrical Makeup Mirror Lighting (reaffirmation of ANSI E1.55-2016)  
Public Review Date: Sep 10, 2021 | Final Action Date: Nov 1, 2021 | [Approved](#)
- ▶ ANSI E1.56-2018, Entertainment TechnologyRigging Support Points (new standard)  
PINS Date: Aug 15, 2014 | Public Review Date: Feb 23, 2018 | Final Action Date: Nov 6, 2018 | [Approved](#)
- ▶ ANSI E1.57-2016 (R2021), Recommendations to prevent falls on or off movable parade floats, movable stages, and similar moving platforms (reaffirmation of ANSI E1.57-2016)  
Public Review Date: Feb 19, 2021 | Final Action Date: May 5, 2021 | [Approved](#)
- ▶ ANSI E1.58-2017 (R2022), Electrical Safety Standard for Portable Stage and Studio Equipment Used Outdoors (reaffirmation of ANSI E1.58-2017)  
Public Review Date: Apr 8, 2022 | Final Action Date: Aug 11, 2022 | [Approved](#)
- ▶ ANSI E1.59-2021, Entertainment Technology - Object Transform Protocol (OTP) (new standard)  
PINS Date: Aug 12, 2016 | Public Review Date: Aug 28, 2020 | Final Action Date: Jan 19, 2021 | [Approved](#)
- ▶ ANSI E1.6-1-2021, Entertainment Technology - Powered Hoist Systems (revision of ANSI E1.6-1-2019)  
PINS Date: Feb 14, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Jan 26, 2021 | [Approved](#)
- ▶ ANSI E1.6-2-2020, Entertainment Technology— Design, Inspection, and Maintenance of Electric Chain Hoists for the Entertainment Industry (revision of ANSI E1.6-2-2018)  
PINS Date: May 11, 2018 | Public Review Date: Nov 8, 2019 | Final Action Date: Aug 14, 2020 | [Approved](#)
- ▶ ANSI E1.6-5-2022, Selection and Use of Control Systems for Electric Chain Hoists in the Entertainment Industry (revision and partition of ANSI E1.6-4-2013)  
PINS Date: Oct 9, 2020 | Public Review Date: Feb 4, 2022 | Final Action Date: Oct 31, 2022 | [Approved](#)
- ▶ ANSI E1.60-2018, Guidelines for the Use of Raked Stages in Live Performance Environments (new standard)  
PINS Date: Dec 30, 2016 | Public Review Date: Feb 23, 2018 | Final Action Date: Sep 20, 2018 | [Approved](#)
- ▶ ANSI E1.62-2021, Minimum specifications for mass-produced portable platforms, ramps, stairs, and choral risers for live performance events (new standard)  
PINS Date: Dec 8, 2017 | Public Review Date: Aug 7, 2020 | Final Action Date: Jan 19, 2021 | [Approved](#)
- ▶ ANSI E1.67--2021, Design, Inspection, Maintenance, Selection, and Use of Hand-operated Chain- and Lever Hoists for the Entertainment Industry (new standard)  
PINS Date: Mar 22, 2019 | Public Review Date: Oct 30, 2020 | Final Action Date: May 6, 2021 | [Approved](#)
- ▶ ANSI E1.8-2018, Entertainment TechnologyLoudspeaker Enclosures Intended for Overhead SuspensionClassification, Manufacture and Structural Testing (revision of ANSI E1.8-2012)  
PINS Date: Aug 11, 2017 | Public Review Date: Mar 9, 2018 | Final Action Date: Nov 29, 2018 | [Approved](#)

**ESTA (Entertainment Services and Technology Association)**

- ▶ ANSI E1.9-2007 (R2017), Entertainment Technology - Reporting Photometric Performance Data for Luminaires Used in Entertainment Lighting (reaffirmation of ANSI E1.9-2007 (R2012))  
Public Review Date: Aug 11, 2017 | Final Action Date: Nov 2, 2017 | [Approved](#)

- ▶ ANSI ES1.18-2022, Event Safety – Rigging (new standard)  
PINS Date: Nov 18, 2016 | Public Review Date: Feb 4, 2022 | Final Action Date: Dec 20, 2022 | [Approved](#)

- ▶ ANSI ES1.19-2020, Safety Requirements for Special Event Structures (revision of ANSI ES1.19-2018)  
PINS Date: Apr 5, 2019 | Public Review Date: Nov 8, 2019 | Final Action Date: Jun 2, 2020 | [Approved](#)

- ▶ ANSI ES1.4-2021, Event Safety - Fire Safety Requirements (new standard)  
PINS Date: Nov 18, 2016 | Public Review Date: May 14, 2021 | Final Action Date: Oct 8, 2021 | [Approved](#)

- ▶ ANSI ES1.7-2021, Event Safety Requirements - Weather Preparedness (new standard)  
PINS Date: Nov 18, 2016 | Public Review Date: Aug 7, 2020 | Final Action Date: Mar 8, 2021 | [Approved](#)

- ▶ ANSI ES1.9-2020, Event Safety Requirements – Crowd Management (new standard)  
PINS Date: Nov 18, 2016 | Public Review Date: Nov 15, 2019 | Final Action Date: Jul 6, 2020 | [Approved](#)

- ▶ ANSI/E1.1-2018, Entertainment Technology Construction and Use of Wire Rope Ladders (revision of ANSI E1.1-2012)  
PINS Date: Aug 11, 2017 | Public Review Date: Mar 16, 2018 | Final Action Date: Sep 27, 2018 | [Approved](#)

- ▶ ANSI/E1.21-2020, Entertainment Technology – Temporary Structures Used for Technical Production of Outdoor Entertainment Events (revision of ANSI E1.21-2013)  
PINS Date: Dec 8, 2017 | Public Review Date: Nov 15, 2019 | Final Action Date: Mar 23, 2020 | [Approved](#)

- ▶ ANSI/E1.23-2020, Entertainment Technology -- Design, Execution, and Maintenance of Atmospheric Effects (revision of ANSI E1.23-2010 (R2015))  
PINS Date: Aug 9, 2019 | Public Review Date: Nov 8, 2019 | Final Action Date: Apr 1, 2020 | [Approved](#)

- ▶ ANSI/E1.28-2022, Guidance on planning followspot positions in places of public assembly (revision of ANSI E1.28-2011 (R2021))  
PINS Date: Feb 4, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Jan 5, 2023 | [Approved](#)

- ▶ ANSI/E1.47-2020, Recommended Guidelines for Entertainment Rigging System Inspections (revision of ANSI E1.47-2017)  
PINS Date: Dec 8, 2017 | Public Review Date: Nov 15, 2019 | Final Action Date: Jun 18, 2020 | [Approved](#)

- ▶ ANSI/E1.53-2019, Overhead mounting of luminaires, lighting accessories, and other portable devices: specification and practice (revision of ANSI E1.53-2016)  
PINS Date: Aug 24, 2018 | Public Review Date: Oct 5, 2018 | Final Action Date: Jun 28, 2019 | [Approved](#)

- ▶ ANSI/E1.6-3-2019, Selection and Use of Serially Manufactured Chain Hoists in the Entertainment Industry (revision of ANSI/E1.6-3-2012)  
PINS Date: Apr 7, 2017 | Public Review Date: Feb 22, 2019 | Final Action Date: Oct 14, 2019 | [Approved](#)

- ▶ ANSI/E1.6-4-2022, Design, Inspection, and Maintenance of Portable Fixed Speed Electric Chain Hoist Control Systems in the Entertainment Industry (revision and partition of ANSI E1.6-4-2013)  
PINS Date: Apr 7, 2017 | Public Review Date: Feb 4, 2022 | Final Action Date: Oct 31, 2022 | [Approved](#)

- ▶ ANSI/E1.66-2020, Safety Standard for Followspot Positions Erected for Short-term Use in Entertainment Venues (new standard)  
PINS Date: Nov 2, 2018 | Public Review Date: Nov 8, 2019 | Final Action Date: Apr 3, 2020 | [Approved](#)

- ▶ ANSI/ESTA E1.69-2022, Reporting the Dimming Performance of Entertainment Luminaires Using LED Sources (new standard)  
PINS Date: Nov 8, 2019 | Public Review Date: Oct 15, 2021 | Final Action Date: Apr 25, 2022 | [Approved](#)

**FCI (Fluid Controls Institute)**

1300 Sumner Avenue, Cleveland, OH 44115 | w: [www.fluidcontrolsinstitute.org](http://www.fluidcontrolsinstitute.org)

- ▶ ANSI/FCI 13-1-2022, Standard for Determining Condensate Loads to Size Steam Traps (revision of ANSI/FCI 13-1-2016)

PINS Date: Apr 9, 2021 | Public Review Date: Jun 4, 2021 | Final Action Date: Jun 6, 2022 | [Approved](#)

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- ▶ ANSI/FCI 15-1-2020, Standard for Production Testing of Pressure Regulators (revision of ANSI/FCI 15-1-2015)

PINS Date: Jun 5, 2020 | Public Review Date: Jul 24, 2020 | Final Action Date: Oct 16, 2020 | [Approved](#)

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- ▶ ANSI/FCI 18-1-2021, Standard for Sizing and Selection of Type 1 Secondary Pressure Drainers (new standard)

PINS Date: Aug 24, 2018 | Public Review Date: Nov 13, 2020 | Final Action Date: Jan 14, 2021 | [Approved](#)

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- ▶ ANSI/FCI 18-2-2020, Standard for Installation of Type 1 Secondary Pressure Drainers (new standard)

PINS Date: Aug 24, 2018 | Public Review Date: Nov 22, 2019 | Final Action Date: Sep 23, 2020 | [Approved](#)

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- ▶ ANSI/FCI 19-1-2021, Standard for Sizing & Selection of Type 2 Secondary Pressure Drainers (new standard)

PINS Date: Nov 29, 2019 | Public Review Date: Oct 23, 2020 | Final Action Date: Feb 25, 2021 | [Approved](#)

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- ▶ ANSI/FCI 19-2-2022, Standard for Installation of Type 2 Secondary Pressure Drainers (new standard)

PINS Date: May 29, 2020 | Public Review Date: Jun 18, 2021 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ ANSI/FCI 4-1-2014 (R2019), Pressure Regulator Hydrostatic Shell Test Method (reaffirmation of ANSI/FCI 4-1-2014)

PINS Date: Jun 14, 2019 | Public Review Date: Jun 14, 2019 | Final Action Date: Nov 18, 2019 | [Approved](#)

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- ▶ ANSI/FCI 69-1-2022, Pressure Rating Standard for Steam Traps (revision of ANSI/FCI 69-1-2017)

PINS Date: Jan 21, 2022 | Public Review Date: Mar 11, 2022 | Final Action Date: May 13, 2022 | [Approved](#)

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- ▶ ANSI/FCI 70-2-2021, Control Valve Seat Leakage Testing (revision of ANSI/FCI 70-2-2013)

PINS Date: Mar 3, 2017 | Public Review Date: Sep 4, 2020 | Final Action Date: Jan 26, 2021 | [Approved](#)

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- ▶ ANSI/FCI 70-3-2021, Standard for Regulator Seat Leakage Testing (revision of ANSI/FCI 70-3-2016)

PINS Date: Aug 28, 2020 | Public Review Date: Dec 4, 2020 | Final Action Date: Aug 16, 2021 | [Approved](#)

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- ▶ ANSI/FCI 79-1-2021, Standard for Proof of Pressure Ratings for Pressure Regulators and Temperature Regulators (revision of ANSI/FCI 79-1-2016)

PINS Date: Aug 28, 2020 | Public Review Date: Mar 19, 2021 | Final Action Date: May 7, 2021 | [Approved](#)

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- ▶ ANSI/FCI 85-1-2019, Standard for Production Testing of Steam Traps (revision of ANSI/FCI 85-1-2011)

PINS Date: Dec 16, 2016 | Public Review Date: Oct 4, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ ANSI/FCI 87-1-2017, Classification and Operating Principles of Steam Traps (revision of ANSI/FCI 87-1-2009)

PINS Date: Aug 1, 2014 | Public Review Date: May 20, 2016 | Final Action Date: May 11, 2017 | [Approved](#)

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- ▶ ANSI/FCI 91-1-2020, Standard for Qualification of Control Valve Stem Seals (new standard)

PINS Date: Jun 19, 2015 | Public Review Date: Mar 20, 2020 | Final Action Date: Oct 19, 2020 | [Approved](#)

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- ▶ ANSI/FCI 97-1-2019, Standard for Production Testing of Secondary Pressure Drainers (revision of ANSI/FCI 97-1-2013)

PINS Date: Apr 20, 2018 | Public Review Date: Jun 14, 2019 | Final Action Date: Nov 14, 2019 | [Approved](#)

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- ▶ ANSI/FCI 99-1-2020, Standard for Performance Testing of Secondary Pressure Drainers (revision of ANSI/FCI 99-1-2014)

PINS Date: Nov 30, 2018 | Public Review Date: May 15, 2020 | Final Action Date: Sep 24, 2020 | [Approved](#)

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- ▶ ANSI/FCI 99-2-2021, Standard for Pressure Reducing Regulator Capacity (revision of ANSI/FCI 99-2-2015)

PINS Date: Jun 14, 2019 | Public Review Date: Sep 11, 2020 | Final Action Date: Aug 16, 2021 | [Approved](#)

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**FCI (Fluid Controls Institute)**

- ▶ ANSI/FCI 99-3-2020, Backpressure Regulator Capacity (revision of ANSI/FCI 99-3-2012)  
PINS Date: Mar 3, 2017 | Public Review Date: Jul 19, 2019 | Final Action Date: Mar 18, 2021 | [Approved](#)
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**FM (FM Approvals)**

1151 Boston-Providence Turnpike, Norwood, MA 02062 | w: [www.fmglobal.com](http://www.fmglobal.com)

- ▶ ANSI/FM 1035-2018, Nitrogen Generators (new standard)  
PINS Date: Oct 10, 2014 | Public Review Date: Jul 13, 2018 | Final Action Date: Oct 18, 2018 | [Approved](#)
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- ▶ ANSI/FM 1950-2022, Seismic Sway Braces for Pipe, Tubing and Conduit (revision of ANSI/FM 1950-2016)  
PINS Date: Sep 17, 2021 | Public Review Date: Mar 25, 2022 | Final Action Date: Sep 12, 2022 | [Approved](#)
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- ▶ ANSI/FM 2510-2020, Flood Abatement Equipment (revision of ANSI/FM 2510-2014)  
PINS Date: Jan 18, 2019 | Public Review Date: Jun 5, 2020 | Final Action Date: Sep 14, 2020 | [Approved](#)
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- ▶ ANSI/FM 3265-2017, Spark Detection and Extinguishing Systems (new standard)  
PINS Date: Feb 26, 2016 | Public Review Date: Dec 2, 2016 | Final Action Date: Jan 30, 2017 | [Approved](#)
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- ▶ ANSI/FM 4411-2020, Cavity Wall Systems (new standard)  
PINS Date: Nov 27, 2009 | Public Review Date: Jul 10, 2020 | Final Action Date: Nov 2, 2020 | [Approved](#)
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- ▶ ANSI/FM 4473-2011 (R2020), Impact Resistance Testing of Rigid Roofing Materials by Impacting with Freezer Ice Balls (reaffirmation of ANSI/FM 4473-2011)  
Public Review Date: Jan 22, 2016 | Final Action Date: Oct 20, 2020 | [Approved](#)
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- ▶ ANSI/FM 4474-2020, Evaluation of Simulated Wind Uplift Resistance of Roof Assemblies Using Static Positive and/or Negative Differential Pressures (revision of ANSI FM 4474-2004 (R2010))  
PINS Date: Jan 22, 2016 | Public Review Date: Nov 27, 2020 | Final Action Date: Dec 28, 2020 | [Approved](#)
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- ▶ ANSI/FM 4476-2014 (R2022), Flexible Photovoltaic Modules (reaffirmation of ANSI/FM 4476-2014)  
Public Review Date: Feb 21, 2020 | Final Action Date: Jan 28, 2022 | [Approved](#)
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- ▶ ANSI/FM 4477-2021, Vegetative Roof Systems (revision of ANSI/FM 4477-2016)  
PINS Date: Mar 12, 2021 | Public Review Date: Aug 6, 2021 | Final Action Date: Sep 27, 2021 | [Approved](#)
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- ▶ ANSI/FM 4478-2014, Rigid Photovoltaic Modules (new standard)  
PINS Date: Jan 31, 2014 | Public Review Date: Jul 25, 2014 | Final Action Date: Oct 16, 2014 | [Approved](#)
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- ▶ ANSI/FM 4880-2017, Evaluating A) Insulated Building Panel Assemblies B) Interior Finish Materials (revision of ANSI FM 4880-2001 (R2007))  
PINS Date: Nov 16, 2012 | Public Review Date: Sep 30, 2016 | Final Action Date: Jan 3, 2017 | [Approved](#)
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- ▶ ANSI/FM 4881-2017, Evaluating Exterior Wall Systems (new standard)  
PINS Date: Dec 4, 2009 | Public Review Date: Dec 16, 2016 | Final Action Date: Apr 25, 2017 | [Approved](#)
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- ▶ ANSI/FM 4910-2013 (R2021), Cleanroom Materials Flammability Test Protocol (reaffirmation of ANSI/FM 4910-2013)  
Public Review Date: Aug 17, 2018 | Final Action Date: Nov 29, 2021 | [Approved](#)
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- ▶ ANSI/FM 4920-2014, Testing Filters Used in Clean Room Facilities (new standard)  
PINS Date: Nov 27, 2009 | Public Review Date: Sep 12, 2014 | Final Action Date: Dec 15, 2014 | [Approved](#)
- 
- ▶ ANSI/FM 4950-2007 (R2013), Welding Pads, Welding Blankets and Welding Curtains for Hot Work Operations (reaffirmation of ANSI/FM 4950-2007)  
PINS Date: Jan 6, 2012 | Public Review Date: Jul 6, 2012 | Final Action Date: Feb 19, 2013 | [Approved](#)
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**FM (FM Approvals)**

- ▶ ANSI/FM 4996-2019, Classification of Pallets and Other Material Handling Products as Equivalent to Wood Pallets (revision of ANSI/FM 4996-2013)  
PINS Date: Jan 27, 2017 | Public Review Date: May 26, 2017 | Final Action Date: Dec 9, 2019 | [Approved](#)
- ▶ ANSI/FM 5560-2017, Water Mist Systems (revision of ANSI FM 5560-2007)  
PINS Date: Oct 5, 2012 | Public Review Date: Aug 25, 2017 | Final Action Date: Nov 7, 2017 | [Approved](#)
- ▶ ANSI/FM 6020-2015, Evaluating Fire Performance of Intermediate Bulk Containers (new standard)  
PINS Date: Nov 27, 2009 | Public Review Date: Aug 21, 2015 | Final Action Date: Nov 10, 2015 | [Approved](#)
- ▶ ANSI/FMRC FM 3260-2004 (R2014), Radiant Energy-Sensing Fire Detectors for Automatic Fire Alarm Signaling (reaffirmation of ANSI/FMRC FM 3260-2004)  
Public Review Date: Dec 20, 2013 | Final Action Date: Feb 6, 2014 | [Approved](#)

**GBI (Green Building Initiative)**

7805 S.W. 40th □#80010, Portland, OR 97280 | w: [www.thegbi.org](http://www.thegbi.org)

- ▶ ANSI/GBI 01-2019, Green Building Assessment Protocol for Commercial Buildings (revision of ANSI/GBI 01-2010)  
PINS Date: Aug 7, 2015 | Public Review Date: Nov 3, 2017 | Final Action Date: Apr 24, 2019 | [Approved](#)
- ▶ ANSI/GBI 01-2021, Green Globes Assessment Protocol for Design, New Construction, and Major Renovations (revision of ANSI/GBI 01-2019)  
Public Review Date: Jun 25, 2021 | Final Action Date: Sep 3, 2021 | [Approved](#)

**GISC (ASC Z97) (Glazing Industry Secretariat Committee )**

730 Worcester Street, Springfield, MA 01151 | w: [www.ansiz97.com](http://www.ansiz97.com)

- ▶ ANSI Z97.1-2015 (R2020), Safety Glazing Materials used in Buildings - Safety Performance Specifications and Methods of Test (reaffirmation of ANSI Z97.1-2015)  
Public Review Date: Apr 17, 2020 | Final Action Date: Sep 3, 2020 | [Approved](#)

**GTESS (Georgia Institute of Technology Energy & Sustainability Services)**

75 Fifth Street N.W, Suite 3001, Atlanta, GA 30332-0640 | w: [www.innovate.gatech.edu](http://www.innovate.gatech.edu)

- ▶ ANSI/MSE 50028-1-2019, Superior Energy Performance 50001 ™ Program-Additional Requirements for Energy Management Systems (revision of ANSI/MSE 50021-2016)  
PINS Date: Apr 21, 2017 | Public Review Date: Jan 26, 2018 | Final Action Date: Apr 9, 2019 | [Approved](#)
- ▶ ANSI/MSE 50028-2-2019, Superior Energy Performance(R) 50001 Program - Requirements for verification bodies for use in accreditation or other forms of recognition (revision and redesignation of ANSI/MSE 50028-2016)  
PINS Date: Apr 21, 2017 | Public Review Date: Sep 7, 2018 | Final Action Date: May 3, 2019 | [Approved](#)
- ▶ ANSI/MSE/ISO 50001-2018, MSE/ISO 50001-2018 Energy management systems Requirements with guidance for use (identical national adoption of ISO 50001:2018 and revision of )  
PINS Date: Dec 8, 2017 | Public Review Date: Apr 13, 2018 | Final Action Date: Aug 29, 2018 | [Approved](#)

**HFES (Human Factors & Ergonomics Society)**

2025 M Street NW, Suite 800, Washington, DC 20036 | w: [www.hfes.org](http://www.hfes.org)

- ▶ ANSI/HFES 400-2021, Human Readiness Level Scale in the System Development Process (new standard)  
PINS Date: Aug 14, 2020 | Public Review Date: Jan 29, 2021 | Final Action Date: Sep 7, 2021 | [Approved](#)

**HI (Hydraulic Institute)**

6 Campus Drive, Suite 104, Parsippany, NJ 07054-4406 | w: [www.pumps.org](http://www.pumps.org)

- ▶ ANSI/HI 10.1-10.5-2021, Air-operated Pumps for Nomenclature, Definitions, Application, and Operation (revision of ANSI/HI 10.1-10.5-2010 (R2016))

PINS Date: Jan 3, 2020 | Public Review Date: May 14, 2021 | Final Action Date: Jul 19, 2021 | [Approved](#)

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- ▶ ANSI/HI 10.6-2021, Air-Operated Pump Tests (revision of ANSI/HI 10.6-2010 (R2016))

PINS Date: Jan 3, 2020 | Public Review Date: Jul 30, 2021 | Final Action Date: Nov 4, 2021 | [Approved](#)

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- ▶ ANSI/HI 11.6-2022, Rotodynamic Submersible Pumps for Mechanical and Electrical Acceptance Tests (revision of ANSI/HI 11.6-2017)

PINS Date: Jan 22, 2021 | Public Review Date: May 13, 2022 | Final Action Date: Aug 10, 2022 | [Approved](#)

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- ▶ ANSI/HI 12.1-12.6-2021, Rotodynamic Centrifugal Slurry Pumps for Nomenclature, Definitions, Applications, and Operation (revision of ANSI/HI 12.1-12.6-2016)

PINS Date: Dec 21, 2018 | Public Review Date: Sep 3, 2021 | Final Action Date: Nov 23, 2021 | [Approved](#)

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- ▶ ANSI/HI 14.1-14.2-2019, Rotodynamic Pumps for Design and Application (new standard)

PINS Date: Apr 11, 2014 | Public Review Date: Jun 15, 2018 | Final Action Date: Apr 9, 2019 | [Approved](#)

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- ▶ ANSI/HI 14.3-2019, Rotodynamic Pumps for Design and Application (new standard)

PINS Date: Feb 15, 2013 | Public Review Date: Oct 12, 2018 | Final Action Date: Feb 1, 2019 | [Approved](#)

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- ▶ ANSI/HI 14.4-2018, Rotodynamic Pumps for Installation, Operation and Maintenance (new standard)

PINS Date: Apr 11, 2014 | Public Review Date: Jun 8, 2018 | Final Action Date: Nov 29, 2018 | [Approved](#)

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- ▶ ANSI/HI 14.6-2022, Rotodynamic Pumps for Hydraulic Performance Acceptance Tests (revision of ANSI/HI 14.6-2016)

PINS Date: Mar 8, 2019 | Public Review Date: Dec 31, 2021 | Final Action Date: Feb 7, 2022 | [Approved](#)

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- ▶ ANSI/HI 3.1-3.5-2021, Rotary Pumps for Nomenclature, Definitions, Application, and Operation (revision of ANSI/HI 3.1-3.5-2015)

PINS Date: Dec 21, 2018 | Public Review Date: Jun 19, 2020 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ ANSI/HI 3.6-2022, Rotary Pump Tests (revision of ANSI/HI 3.6-2016)

PINS Date: Jan 3, 2020 | Public Review Date: Dec 31, 2021 | Final Action Date: Feb 7, 2022 | [Approved](#)

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- ▶ ANSI/HI 4.1-4.6-2017 (R2022), Sealless, Magnetically Driven Rotary Pumps for Nomenclature, Definitions, Application, Operation, and Test (reaffirmation of ANSI/HI 4.1-4.6-2017)

PINS Date: Jul 22, 2022 | Public Review Date: Sep 9, 2022 | Final Action Date: Dec 1, 2022 | [Approved](#)

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- ▶ ANSI/HI 5.1-5.6-2016 (R2021), Sealless Rotodynamic Pumps for Nomenclature, Definitions, Design, Application, Operation, and Test (reaffirmation of ANSI/HI 5.1-5.6-2016)

PINS Date: May 24, 2019 | Public Review Date: Apr 9, 2021 | Final Action Date: Jul 16, 2021 | [Approved](#)

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- ▶ ANSI/HI 7.1-7.5-2017, Controlled-Volume Metering Pumps - Nomenclature, Definition, Application and Operation (revision of ANSI/HI 7.1-7.5-2013)

PINS Date: Mar 25, 2016 | Public Review Date: May 26, 2017 | Final Action Date: Aug 3, 2017 | [Approved](#)

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- ▶ ANSI/HI 7.6-2018, Controlled Volume Metering Pumps - Test (revision of ANSI/HI 7.6-2012)

PINS Date: Mar 25, 2016 | Public Review Date: Dec 15, 2017 | Final Action Date: Jun 29, 2018 | [Approved](#)

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- ▶ ANSI/HI 7.8-2021, HI-7.8 Controlled Volume Metering Pump Piping Guideline (revision of ANSI/HI 7.8-2016)

PINS Date: Jan 3, 2020 | Public Review Date: Aug 20, 2021 | Final Action Date: Dec 2, 2021 | [Approved](#)

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- ▶ ANSI/HI 9.1-9.5-2021, HI 9.1-9.5 Pumps - General Guidelines (revision of ANSI/HI 9.1-9.5-2015)

PINS Date: Sep 28, 2018 | Public Review Date: Sep 25, 2020 | Final Action Date: Sep 28, 2021 | [Approved](#)

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## HI (Hydraulic Institute)

- ▶ ANSI/HI 9.6.1-2017, Rotodynamic Pumps - Guideline for NPSH Margin (revision of ANSI/HI 9.6.1-2012)  
PINS Date: Apr 11, 2014 | Public Review Date: Aug 5, 2016 | Final Action Date: Jan 6, 2017 | [Approved](#)
- ▶ ANSI/HI 9.6.2-2021, Rotodynamic Pumps for Assessment of Applied Nozzle Loads (revision of ANSI/HI 9.6.2-2015)  
PINS Date: Apr 27, 2018 | Public Review Date: Jun 19, 2020 | Final Action Date: Aug 16, 2021 | [Approved](#)
- ▶ ANSI/HI 9.6.3-2017, Rotodynamic Pumps - Guideline for Operating Regions (revision of ANSI/HI 9.6.3-2012)  
PINS Date: Apr 11, 2014 | Public Review Date: May 20, 2016 | Final Action Date: Jan 6, 2017 | [Approved](#)
- ▶ ANSI/HI 9.6.4-2022, Rotodynamic Pumps for Vibration Measurements and Allowable Values (revision of ANSI/HI 9.6.4-2016)  
PINS Date: May 24, 2019 | Public Review Date: Mar 4, 2022 | Final Action Date: Jul 11, 2022 | [Approved](#)
- ▶ ANSI/HI 9.6.5-2022, Rotodynamic Pumps - Guideline for Condition Monitoring (revision of ANSI/HI 9.6.5-2016)  
PINS Date: Sep 27, 2019 | Public Review Date: May 13, 2022 | Final Action Date: Dec 16, 2022 | [Approved](#)
- ▶ ANSI/HI 9.6.6-2022, Rotodynamic Pumps for Pump Piping (revision of ANSI/HI 9.6.6-2016)  
PINS Date: May 24, 2019 | Public Review Date: Jul 30, 2021 | Final Action Date: Feb 8, 2022 | [Approved](#)
- ▶ ANSI/HI 9.6.7-2021, HI 9.6.7 Rotodynamic Pumps - Guideline for Effects of Liquid Viscosity on Performance (revision of ANSI/HI 9.6.7-2015)  
PINS Date: May 5, 2017 | Public Review Date: Sep 18, 2020 | Final Action Date: Jun 18, 2021 | [Approved](#)
- ▶ ANSI/HI 9.6.8-2014 (R2021), Rotodynamic Pumps - Guideline for Dynamics of Pumping Machinery (reaffirmation of ANSI/HI 9.6.8-2014)  
PINS Date: Jan 3, 2020 | Public Review Date: Nov 27, 2020 | Final Action Date: Aug 30, 2021 | [Approved](#)
- ▶ ANSI/HI 9.6.9-2018, Rotary Pumps Guidelines for Condition Monitoring (revision of ANSI/HI 9.6.9-2013)  
PINS Date: May 5, 2017 | Public Review Date: Oct 12, 2018 | Final Action Date: Dec 4, 2018 | [Approved](#)
- ▶ ANSI/HI 9.8-2018, Rotodynamic Pumps for Pump Intake Design (revision of ANSI/HI 9.8-2012)  
PINS Date: Dec 20, 2013 | Public Review Date: Aug 25, 2017 | Final Action Date: Jan 8, 2018 | [Approved](#)

## HIBCC (Health Industry Business Communications Council)

2525 E. Arizona Biltmore Circle Ste. 127, Phoenix, AZ 85016 | w: [www.hibcc.org](http://www.hibcc.org)

- ▶ ANSI/HIBC 2.6-2016, The Health Industry Bar Code Supplier Labeling Standard for Patient Safety & Unique Device Identification (revision and redesignation of ANSI/HIBC 2.5-2015)  
PINS Date: Jul 1, 2016 | Public Review Date: Jul 8, 2016 | Final Action Date: Sep 1, 2016 | [Approved](#)

## HL7 (Health Level Seven)

3300 Washtenaw Avenue, Suite 227, Ann Arbor, MI 48104 | w: [www.hl7.org](http://www.hl7.org)

- ▶ ANSI/HL7 Arden V2.10-2014 (R2019), Health Level Seven Arden Syntax for Medical Logic Systems, Version 2.10-2019 (reaffirmation of ANSI/HL7 Arden V2.10-2014)  
Public Review Date: May 31, 2019 | Final Action Date: Jul 31, 2019 | [Approved](#)
- ▶ ANSI/HL7 CDA R2IG HAIRPT, R3-2020, HL7 CDA® R2 Implementation Guide: Healthcare Associated Infection Reports, Release 3 - US Realm (revision and redesignation of ANSI/HL7 CDAR2IG HAIRPT, R2-2015)  
PINS Date: Mar 20, 2020 | Public Review Date: Oct 2, 2020 | Final Action Date: Dec 1, 2020 | [Approved](#)
- ▶ ANSI/HL7 CDA, R2.1-2019, HL7 Clinical Document Architecture, Release 2.1 (revision and redesignation of ANSI/HL7 CDA, R2-2005 (R2015))  
PINS Date: Mar 13, 2015 | Public Review Date: Sep 20, 2019 | Final Action Date: Dec 6, 2019 | [Approved](#)

## HL7 (Health Level Seven)

- ▶ ANSI/HL7 CDAR2 IG CONSENTDIR, R1-2017 (R2021), HL7 CDA(R) R2 Implementation Guide: Privacy Consent Directives, Release 1 (reaffirmation of ANSI/HL7 CDAR2 IG CONSENTDIR, R1-2017)  
Public Review Date: Oct 1, 2021 | Final Action Date: Dec 9, 2021 | [Approved](#)

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- ▶ ANSI/HL7 CDAR2 PHMRPTS, R1-2017 (R2021), HL7 CDA (R)R2 Implementation Guide: Personal Healthcare Monitoring Reports, Release 1 (reaffirmation of ANSI/HL7 CDAR2 PHMRPTS, R1-2017)  
Public Review Date: Oct 1, 2021 | Final Action Date: Dec 10, 2021 | [Approved](#)

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- ▶ ANSI/HL7 CDAR2 QRDA3, R1-2021, HL7 CDA® R2 Implementation Guide: Quality Reporting Document Architecture (QRDA III), Release 1 - US Realm (new standard)  
PINS Date: Jun 12, 2015 | Public Review Date: Jul 23, 2021 | Final Action Date: Sep 13, 2021 | [Approved](#)

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- ▶ ANSI/HL7 CDAR2L3IG EMSRUNRPT, R2-2016 (R2021), HL7 Version 3 Implementation Guide for CDA Release 2 - Level 3: Emergency Medical Services; Patient Care Report, Release 2 - US REALM (reaffirmation of ANSI/HL7 CDAR2L3IG EMSRUNRPT, R2-2016)  
Public Review Date: Jun 4, 2021 | Final Action Date: Aug 9, 2021 | [Approved](#)

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- ▶ ANSI/HL7 CQLANG, R1-2020, HL7 Cross-Paradigm Specification: Clinical Quality Language, Release 1 (new standard)  
PINS Date: Mar 27, 2020 | Public Review Date: Oct 16, 2020 | Final Action Date: Dec 1, 2020 | [Approved](#)

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- ▶ ANSI/HL7 EHR BHFP, R1-2008 (R2019), HL7 EHR Behavioral Health Functional Profile, Release 1 (reaffirmation of ANSI/HL7 EHR BHFP, R1-2008 (R2014))  
Public Review Date: May 31, 2019 | Final Action Date: Aug 1, 2019 | [Approved](#)

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- ▶ ANSI/HL7 EHR CHFP, R1-2008 (R2019), HL7 EHR Child Health Functional Profile, Release 1 (reaffirmation of ANSI/HL7 EHR CHFP, R1-2008 (R2014))  
Public Review Date: May 31, 2019 | Final Action Date: Aug 1, 2019 | [Approved](#)

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- ▶ ANSI/HL7 EHR CRFP, R1-2009 (R2019), HL7 EHR Clinical Research Functional Profile, Release 1 (reaffirmation of ANSI/HL7 EHR CRFP, R1-2009 (R2014))  
Public Review Date: May 31, 2019 | Final Action Date: Aug 1, 2019 | [Approved](#)

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- ▶ ANSI/HL7 EHR LTCFP, R1-2010 (R2021), HL7 EHR System Long Term Care Functional Profile, Release 1 - US Realm (reaffirmation of ANSI/HL7 EHR LTCFP, R1-2010 (R2016))  
Public Review Date: Jun 4, 2021 | Final Action Date: Aug 9, 2021 | [Approved](#)

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- ▶ ANSI/HL7 EHR-S MUFP, R1-2018, HL7 EHR-S Functional Profile: Meaningful Use 2015, Release 1 - US Realm (new standard)  
PINS Date: Jun 10, 2016 | Public Review Date: May 18, 2018 | Final Action Date: Sep 4, 2018 | [Approved](#)

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- ▶ ANSI/HL7 EHR, R2.1-2020, HL7 Electronic Health Record System Functional Model, Release 2.1 (revision and redesignation of ANSI/HL7 EHR, R2-2014)  
PINS Date: Jan 26, 2018 | Public Review Date: May 8, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)

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- ▶ ANSI/HL7 EHRRXPROVFP, R1-2012 (R2022), HL7 EHR-System Pharmacist/Pharmacy Provider Functional Profile, Release 1- US Realm (reaffirmation of ANSI/HL7 EHRRXPROVFP, R1-2012 (R2017))  
Public Review Date: Jan 28, 2022 | Final Action Date: Mar 15, 2022 | [Approved](#)

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- ▶ ANSI/HL7 EHRS FM FP ENCPRS, R2-2020, HL7 EHR-System Electronic Nutrition Care Process Record System (ENCPRS) Functional Profile, Release 2 (new standard)  
PINS Date: Feb 23, 2018 | Public Review Date: Aug 14, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ ANSI/HL7 EHRS IFP, R1-2020, HL7 EHRS-FM Release 2: Immunization Functional Profile, Release 1 (new standard)  
PINS Date: Oct 28, 2016 | Public Review Date: Jan 24, 2020 | Final Action Date: Mar 17, 2020 | [Approved](#)

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## HL7 (Health Level Seven)

- ▶ ANSI/HL7 FHIR IG SHORTHAND, R2-2022, HL7® FHIR® Implementation Guide: FHIR Shorthand, Release 2 (new standard)  
PINS Date: Aug 20, 2021 | Public Review Date: Dec 24, 2021 | Final Action Date: Feb 11, 2022 | [Approved](#)

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- ▶ ANSI/HL7 FHIR R4 PATIENT R1-2019, HL7 FHIR R4 Patient, Release 1 (new standard)  
PINS Date: Mar 16, 2018 | Public Review Date: Jan 25, 2019 | Final Action Date: Mar 14, 2019 | [Approved](#)

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- ▶ ANSI/HL7 FHIR R4 TERMINOLOGY R1-2019, HL7 FHIR R4 Terminology & Conformance, Release 1 (new standard)  
PINS Date: Mar 16, 2018 | Public Review Date: Jan 25, 2019 | Final Action Date: Jul 31, 2019 | [Approved](#)

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- ▶ ANSI/HL7 FHIR® OBS R1-2019, HL7 FHIR R4 Observation, Release 1 (new standard)  
PINS Date: Mar 16, 2018 | Public Review Date: Jan 25, 2019 | Final Action Date: Jul 31, 2019 | [Approved](#)

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- ▶ ANSI/HL7 FHIR® R4 INFRASTRUCTURE R1-2019, HL7 FHIR® R4 Infrastructure, Release 1 (new standard)  
PINS Date: Mar 16, 2018 | Public Review Date: Jan 25, 2019 | Final Action Date: Mar 14, 2019 | [Approved](#)

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- ▶ ANSI/HL7 IG UDI, R2-2020, HL7 Cross Paradigm Implementation Guide: UDI Pattern, Release 2 (revision and redesignation of ANSI/HL7 IG UDI, R1-2019)  
PINS Date: Apr 5, 2019 | Public Review Date: Apr 17, 2020 | Final Action Date: Jun 24, 2020 | [Approved](#)

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- ▶ ANSI/HL7 IMTRANS, R2-2016 (R2022), HL7 Version 3 Standard: Transmission Infrastructure, Release 2 (reaffirmation of ANSI/HL7 IMTRANS, R2-2016)  
Public Review Date: Jun 3, 2022 | Final Action Date: Aug 2, 2022 | [Approved](#)

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- ▶ ANSI/HL7 NMN R1-2020, HL7 Cross-Paradigm Specification: FHIRPath, Release 1 (new standard)  
PINS Date: Apr 6, 2018 | Public Review Date: Nov 29, 2019 | Final Action Date: Jan 16, 2020 | [Approved](#)

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- ▶ ANSI/HL7 PHRSFM, R2-2021, HL7 EHRS-FM Release 2: Personal Health Record System Functional Model, Release 2 (revision and redesignation of ANSI/HL7 PHRSFM, R1-2014)  
PINS Date: Dec 29, 2017 | Public Review Date: Aug 20, 2021 | Final Action Date: Oct 12, 2021 | [Approved](#)

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- ▶ ANSI/HL7 PRIVECLASSSYS, R1-2014 (R2019), HL7 Healthcare Privacy and Security Classification System, Release 1 (reaffirmation of ANSI/HL7 PRIVECLASSSYS, R1-2014)  
Public Review Date: Mar 22, 2019 | Final Action Date: Jun 7, 2019 | [Approved](#)

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- ▶ ANSI/HL7 PSIM, R1-2021, HL7 Privacy and Security Logical Data Model, Release 1 (new standard)  
PINS Date: Aug 21, 2020 | Public Review Date: Apr 23, 2021 | Final Action Date: Jun 10, 2021 | [Approved](#)

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- ▶ ANSI/HL7 RLUS, R1-2013 (R2019), HL7 Version 3 Standard: Retrieve, Locate, and Update Service (RLUS), Release 1 (reaffirmation of ANSI/HL7 RLUS, R1-2013)  
Public Review Date: Mar 22, 2019 | Final Action Date: Jul 19, 2019 | [Approved](#)

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- ▶ ANSI/HL7 SAIF CANON, R2-2014 (R2019), HL7 Service-Aware Interoperability Framework: Canonical Definition Specification, Release 2 (reaffirmation of ANSI/HL7 SAIF CANON, R2-2014)  
Public Review Date: Oct 11, 2019 | Final Action Date: Dec 30, 2019 | [Approved](#)

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- ▶ ANSI/HL7 TEMPLATES, R1-2018, HL7 Templates Standard: Specification and Use of Reusable Information Constraint Templates, Release 1 (new standard)  
PINS Date: Apr 7, 2017 | Public Review Date: Mar 9, 2018 | Final Action Date: May 8, 2018 | [Approved](#)

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- ▶ ANSI/HL7 V2 Conformance, R1-2020, HL7 Version 2 Specification: Conformance, Release 1 (revision and partition of ANSI/HL7 V2.9-2019)  
PINS Date: May 3, 2019 | Public Review Date: Jun 12, 2020 | Final Action Date: Sep 18, 2020 | [Approved](#)

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- ▶ ANSI/HL7 V2 XML, R2-2012 (R2017), HL7 Version 2: XML Encoding Rules, R2 (reaffirmation of ANSI/HL7 V2 XML, R2-2012)  
Public Review Date: Oct 27, 2017 | Final Action Date: Dec 14, 2017 | [Approved](#)

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## HL7 (Health Level Seven)

- ▶ ANSI/HL7 V2 XML, R2-2012 (R2022), HL7 Version 2: XML Encoding Rules, Release 2 (reaffirmation of ANSI/HL7 V2 XML, R2-2012)  
Public Review Date: Oct 7, 2022 | Final Action Date: Dec 5, 2022 | [Approved](#)

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- ▶ ANSI/HL7 V2.9-2019, Health Level Standard Standard Version 2.9 - An Application Protocol for Electronic Data Exchange in Healthcare Environments (revision and redesignation of ANSI/HL7 V2.8.2-2015)  
PINS Date: Apr 15, 2016 | Public Review Date: Oct 18, 2019 | Final Action Date: Dec 9, 2019 | [Approved](#)

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- ▶ ANSI/HL7 V26 IG CCHD, R1-2020, HL7 Version 2.6 Implementation Guide: Newborn Screening for Critical Congenital Heart Defects (CCHD), Release 1 (new standard)  
PINS Date: Jul 6, 2018 | Public Review Date: May 22, 2020 | Final Action Date: Aug 3, 2020 | [Approved](#)

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- ▶ ANSI/HL7 V26 IG EHDI, R1-2020, HL7 Version 2.6 Implementation Guide: Early Hearing Detection and Intervention (EHDI), Release 1 (new standard)  
PINS Date: Jul 6, 2018 | Public Review Date: Jun 19, 2020 | Final Action Date: Oct 1, 2020 | [Approved](#)

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- ▶ ANSI/HL7 V3 CGPED, R1-2007 (R2017), HL7 Version 3 Standard: Clinical Genomics; Pedigree, Release 1 (reaffirmation of ANSI/HL7 V3 CGPED, R1-2007 (R2012))  
PINS Date: Mar 31, 2017 | Public Review Date: Jun 30, 2017 | Final Action Date: Aug 24, 2017 | [Approved](#)

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- ▶ ANSI/HL7 V3 COMT, R3-2010 (R2020), HL7 Version 3 Standard: Shared Messages, Release 3 (reaffirmation of ANSI/HL7 V3 COMT, R3-2010 (R2015))  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 27, 2020 | [Approved](#)

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- ▶ ANSI/HL7 V3 CPM CMET, R4-2018, HL7 Version 3 Standard: Common Product Model CMETs, Release 4 (revision and redesignation of ANSI/HL7 V3 CPM CMET, R3-2016)  
PINS Date: Jul 29, 2016 | Public Review Date: Dec 29, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI/HL7 V3 CSP, R1-2014 (R2019), HL7 Version 3 Standard: Clinical Statement Pattern, Release 1 (reaffirmation of ANSI/HL7 V3 CSP, R1-2014)  
Public Review Date: May 31, 2019 | Final Action Date: Aug 1, 2019 | [Approved](#)

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- ▶ ANSI/HL7 V3 CTS, R2-2015 (R2022), HL7 Version 3 Standard: Common Terminology Services, Release 2 (reaffirmation of ANSI/HL7 V3 CTS, R2-2015)  
Public Review Date: Nov 5, 2021 | Final Action Date: Jan 18, 2022 | [Approved](#)

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- ▶ ANSI/HL7 V3 DAM DIETORD, R2-2017 (R2022), HL7 Version 3 Domain Analysis Model: Diet and Nutrition Orders, Release 2 (reaffirmation of ANSI/HL7 V3 DAM DIETORD, R2-2017)  
Public Review Date: Jun 10, 2022 | Final Action Date: Aug 2, 2022 | [Approved](#)

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- ▶ ANSI/HL7 V3 DSS, R2-2018, HL7 Version 3 Standard: Decision Support Services, Release 2 (revision and redesignation of ANSI/HL7 V3 DSS, R1-2011)  
PINS Date: Jan 19, 2018 | Public Review Date: Jul 13, 2018 | Final Action Date: Sep 6, 2018 | [Approved](#)

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- ▶ ANSI/HL7 V3 ECG, R1-2004 (R2019), HL7 Version 3 Standard: Regulated Studies - Annotated ECG, Release 1 (reaffirmation of ANSI/HL7 V3 ECG, R1-2004 (R2014))  
Public Review Date: May 31, 2019 | Final Action Date: Aug 1, 2019 | [Approved](#)

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- ▶ ANSI/HL7 V3 GELLO IG CDS MDL, R1-2017 (R2022), HL7 Version V3 GELLO Implementation Guide: Clinical Decision Support, Model Definition Language for GELLO, Release 1 (reaffirmation of ANSI/HL7 V3 GELLO IG CDS MDL, R1-2017)  
Public Review Date: Sep 2, 2022 | Final Action Date: Nov 10, 2022 | [Approved](#)

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- ▶ ANSI/HL7 V3 GELLO, R2-2010 (R2022), HL7 Version 3 Standard: GELLO, A Common Expression Language, Release 2 (reaffirmation of ANSI/HL7 V3 GELLO, R2-2010 (R2016))  
Public Review Date: Feb 4, 2022 | Final Action Date: Mar 24, 2022 | [Approved](#)

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## HL7 (Health Level Seven)

- ▶ ANSI/HL7 V3 HQMF, R1-2017 (R2022), HL7 Version 3 Standard: Representation of the Health Quality Measures Format (eMeasure), Release 1 (reaffirmation of ANSI/HL7 V3 HQMF, R1-2017)  
Public Review Date: Aug 12, 2022 | Final Action Date: Sep 29, 2022 | [Approved](#)

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- ▶ ANSI/HL7 V3 ICSR P1, R2-2012 (R2021), HL7 Version 3 Standard: Pharmacovigilance – Individual Case Safety Report, Part 1: The Framework for Adverse Event Reporting, Release 2 (reaffirmation of ANSI/HL7 V3 ICSR P1, R2-2012 (R2016))  
Public Review Date: Oct 1, 2021 | Final Action Date: Dec 9, 2021 | [Approved](#)

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- ▶ ANSI/HL7 V3 ICSR P2, R2-2012 (R2021), HL7 Version 3 Standard: Pharmacovigilance - Individual Case Safety Report, Part 2: Human Pharmaceutical Reporting Requirements for ICSR, Release 2 (reaffirmation of ANSI/HL7 V3 ICSR P2, R2-2012 (R2016))  
Public Review Date: Oct 1, 2021 | Final Action Date: Dec 9, 2021 | [Approved](#)

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- ▶ ANSI/HL7 V3 IDC, R2-2013 (R2020), HL7 Version 3 Standard: Implantable Device Cardiac - Follow-up Device Summary, Release 2 (reaffirmation of ANSI/HL7 V3 IDC, R2-2013)  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 27, 2020 | [Approved](#)

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- ▶ ANSI/HL7 V3 IG DS4P, R1-2014 (R2019), HL7 Version 3 Implementation Guide: Data Segmentation for Privacy (DS4P), Release 1 (reaffirmation of ANSI/HL7 V3 IG DS4P, R1-2014)  
Public Review Date: Jul 12, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI/HL7 V3 INFOB, R2-2014 (R2019), HL7 Version 3 Standard: Context-Aware Retrieval Application (Infobutton); Knowledge Request, Release 2 (reaffirmation of ANSI/HL7 V3 INFOB, R2-2014)  
Public Review Date: Jun 21, 2019 | Final Action Date: Aug 12, 2019 | [Approved](#)

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- ▶ ANSI/HL7 V3 IS, R1-2014 (R2019), HL7 Version 3 Standard: Identification Service (IS), Release 1 (reaffirmation of ANSI/HL7 V3 IS, R1-2014)  
Public Review Date: Mar 22, 2019 | Final Action Date: May 23, 2019 | [Approved](#)

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- ▶ ANSI/HL7 V3 ISODT, R1-2013 (R2018), HL7 Version 3 Standard: XML Implementation Technology Specification, R2; ISO-Harmonized Data Types, Release 1 (reaffirm a national adoption ANSI/HL7 V3 ISODT, R1-2013)  
Public Review Date: Feb 23, 2018 | Final Action Date: Apr 20, 2018 | [Approved](#)

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- ▶ ANSI/HL7 V3 IZ, R1-2013 (R2018), HL7 Version 3 Standard: Immunization Messaging, Release 1 (reaffirmation of ANSI/HL7 V3 IZ, R1-2013)  
Public Review Date: Feb 23, 2018 | Final Action Date: Apr 20, 2018 | [Approved](#)

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- ▶ ANSI/HL7 V3 LBRESULT, R1-2009 (R2020), HL7 Version 3 Standard: Laboratory Results, Release 1 (reaffirmation of ANSI/HL7 V3 LBRESULT, R1-2009 (R2014))  
Public Review Date: Oct 11, 2019 | Final Action Date: Jan 10, 2020 | [Approved](#)

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- ▶ ANSI/HL7 V3 MFRI, R1-2006 (R2018), HL7 Version 3 Standard: Master File/Registry Infrastructure, R1 (reaffirmation of ANSI/HL7 V3 MFRI, R1-2006 (R2011))  
Public Review Date: Aug 17, 2018 | Final Action Date: Oct 19, 2018 | [Approved](#)

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- ▶ ANSI/HL7 V3 PAPRSNREG, R1-2015 (R2020), HL7 Version 3 Standard: Patient Administration; Person Registry, Release 1 (reaffirmation of ANSI/HL7 V3 PAPRSNREG, R1-2015)  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 27, 2020 | [Approved](#)

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- ▶ ANSI/HL7 V3 PASS SECURITY LABELSRV, R1-2014 (R2019), HL7 Version 3 Standard: Privacy, Access and Security Services; Security Labeling Service, Release 1 (reaffirmation of ANSI/HL7 V3 PASS SECURITY LABELSRV, R1-2014)  
Public Review Date: Mar 22, 2019 | Final Action Date: Jun 7, 2019 | [Approved](#)

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## HL7 (Health Level Seven)

- ▶ ANSI/HL7 V3 PASSAC, R1-2017 (R2021), HL7 Version 3 Standard: Privacy, Access and Security Services (PASS) Access Control, Release 1 (reaffirmation of ANSI/HL7 V3 PASSAC, R1-2017)  
Public Review Date: Oct 1, 2021 | Final Action Date: Dec 16, 2021 | [Approved](#)

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- ▶ ANSI/HL7 V3 PC CAREPLAN, R1-2013 (R2018), HL7 Version 3 Standard: Care Provision; Care Record Topic, Release 1 (reaffirmation of ANSI/HL7 V3 PC CAREPLAN, R1-2013)  
Public Review Date: Feb 23, 2018 | Final Action Date: Apr 20, 2018 | [Approved](#)

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- ▶ ANSI/HL7 V3 PC CARERECC, R1-2013 (R2018), HL7 Version 3 Standard: Care Provision; Queries Care Record Topic, Release 1 (reaffirmation of ANSI/HL7 V3 PC CARERECC, R1-2013)  
Public Review Date: Feb 23, 2018 | Final Action Date: Jun 15, 2018 | [Approved](#)

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- ▶ ANSI/HL7 V3 PCARETRANS, R1-2013 (R2018), HL7 Version 3 Standard: Care Provision; Care Transfer Topic, Release 1 (reaffirmation of ANSI/HL7 V3 PCARETRANS, R1-2013)  
Public Review Date: Mar 2, 2018 | Final Action Date: May 8, 2018 | [Approved](#)

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- ▶ ANSI/HL7 V3 PCAS, R1-2018, HL7 Version 3 Standard: Care Provision; Assessment Scales, Release 1 (new standard)  
PINS Date: Aug 19, 2016 | Public Review Date: Apr 6, 2018 | Final Action Date: May 24, 2018 | [Approved](#)

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- ▶ ANSI/HL7 V3 PCDIM, R1-2013 (R2018), HL7 Version 3 Standard: Care Provision Domain Information Model, Release 1 (reaffirmation of ANSI/HL7 V3 PCDIM, R1-2013)  
Public Review Date: Feb 23, 2018 | Final Action Date: Apr 20, 2018 | [Approved](#)

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- ▶ ANSI/HL7 V3 PM, R1-2005 (R2019), HL7 Version 3 Standard: Personnel Management, Release 1 (reaffirmation of ANSI/HL7 V3 PM, R1-2005 (R2014))  
Public Review Date: Mar 22, 2019 | Final Action Date: Jun 7, 2019 | [Approved](#)

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- ▶ ANSI/HL7 V3 PSAF, R1-2020, HL7 Version 3 Standard: Privacy and Security Architecture Framework, Release 1 (new standard)  
PINS Date: Apr 6, 2018 | Public Review Date: Jun 5, 2020 | Final Action Date: Jul 28, 2020 | [Approved](#)

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- ▶ ANSI/HL7 V3 RBAC, R3-2016 (R2021), HL7 Version 3 Standard: Healthcare (Security and Privacy) Access Control Catalog, Release 3 (reaffirmation of ANSI/HL7 V3 RBAC, R3-2016)  
Public Review Date: Jun 4, 2021 | Final Action Date: Aug 9, 2021 | [Approved](#)

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- ▶ ANSI/HL7 V3 RCL, R2-2007 (R2020), HL7 Version 3 Standard: Refinement, Constraint and Localization to Version 3 Messages, Release 2 (reaffirmation of ANSI/HL7 V3 RCL R2-2007 (R2015))  
PINS Date: Nov 29, 2013 | Public Review Date: Oct 2, 2020 | Final Action Date: Nov 30, 2020 | [Approved](#)

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- ▶ ANSI/HL7 V3 REG RTLTM, R1-2011 (R2022), HL7 Version 3 Standard: Registries; Real Time Location Tracking, Release 1 (reaffirmation of ANSI/HL7 V3 REG RTLTM, R1-2011 (R2016))  
Public Review Date: Sep 30, 2022 | Final Action Date: Nov 18, 2022 | [Approved](#)

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- ▶ ANSI/HL7 V3 RIM, R7-2016 (R2021), HL7 Version 3 Standard: Reference Information Model, Release 7 (reaffirmation of ANSI/HL7 V3 RIM, R7-2016)  
Public Review Date: Oct 1, 2021 | Final Action Date: Dec 10, 2021 | [Approved](#)

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- ▶ ANSI/HL7 V3 RPS, R2-2015 (R2020), HL7 Version 3 Standard: Regulated Product Submission, Release 2 (reaffirmation of ANSI/HL7 V3 RPS, R2-2015)  
Public Review Date: Jun 5, 2020 | Final Action Date: Jul 27, 2020 | [Approved](#)

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- ▶ ANSI/HL7 V3 RXCMET, R1-2014 (R2019), HL7 Version 3 Standard: Pharmacy CMETs, Release 1 (reaffirmation of ANSI/HL7 V3 RXCMET, R1-2014)  
Public Review Date: Mar 22, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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## HL7 (Health Level Seven)

- ▶ ANSI/HL7 V3 RXMDSEVNT, R2-2014 (R2019), HL7 Version 3 Standard: Pharmacy; Medication Dispense and Supply Event, Release 2 (reaffirmation of ANSI/HL7 V3 RXMDSEVNT, R2-2014)  
Public Review Date: Mar 22, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/HL7 V3 RXMEDCMET, R1-2014 (R2019), HL7 Version 3 Standard: Pharmacy; Medication CMET, Release 1 (reaffirmation of ANSI/HL7 V3 RXMEDCMET, R1-2014)  
Public Review Date: Mar 22, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/HL7 V3 RXMEDORDER, R2-2014 (R2019), HL7 Version 3 Standard: Pharmacy; Medication Order, Release 2 (reaffirmation of ANSI/HL7 V3 RXMEDORDER, R2-2014)  
Public Review Date: Mar 22, 2019 | Final Action Date: Jul 19, 2019 | [Approved](#)

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- ▶ ANSI/HL7 V3 SC, R2-2014 (R2019), HL7 Version 3 Standard: Scheduling, Release 2 (reaffirmation of ANSI/HL7 V3 SC, R2-2014)  
Public Review Date: Mar 22, 2019 | Final Action Date: Jun 7, 2019 | [Approved](#)

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- ▶ ANSI/HL7 V3 SECPRONT, R1-2014 (R2019), HL7 Version 3 Standard: Security and Privacy Ontology, Release 1 (reaffirmation of ANSI/HL7 V3 SECPRONT, R1-2014)  
Public Review Date: Mar 22, 2019 | Final Action Date: May 23, 2019 | [Approved](#)

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- ▶ ANSI/HL7 V3 SOA EPSSRVINT, R1-2019, HL7 Version 3 Standard: Unified Communication Service Interface, Release 1 - US Realm (new standard)  
PINS Date: Jan 26, 2018 | Public Review Date: Jun 21, 2019 | Final Action Date: Aug 22, 2019 | [Approved](#)

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- ▶ ANSI/HL7 V3 SOA UCRSVINT, R1-2019, HL7 Version 3 Standard: Event Publish & Subscribe Service Interface, Release 1 - US Realm (new standard)  
PINS Date: Jan 26, 2018 | Public Review Date: Jun 21, 2019 | Final Action Date: Aug 23, 2019 | [Approved](#)

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- ▶ ANSI/HL7 V3 SPL, R8-2018, HL7 Version 3 Standard: Structured Product Labeling, Release 8 (revision and redesignation of ANSI/HL7 V3 SPL, R7-2016)  
PINS Date: Apr 7, 2017 | Public Review Date: Dec 29, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI/HL7 V3 TR AB, R1-2013 (R2018), HL7 Version 3 Standard: Abstract Transport Specification, Release 1 (reaffirmation of ANSI/HL7 V3 TR AB, R1-2013)  
Public Review Date: Apr 6, 2018 | Final Action Date: May 31, 2018 | [Approved](#)

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- ▶ ANSI/HL7 V3 TR ebXML, R1-2008 (R2013), HL7 Version 3 Standard: Transport Specification - ebXML, Release 1 (reaffirmation of ANSI/HL7 V3 TR ebXML, R1-2008)  
Public Review Date: Apr 12, 2013 | Final Action Date: Jun 4, 2013 | [Approved](#)

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- ▶ ANSI/HL7 V3 TR ebXMLebM2, R1-2012 (R2022), HL7 Version 3 Standard: Transport Specification - ebXML Using eb MS2.0, Release 1 (reaffirmation of ANSI/HL7 V3 TR ebXMLebM2, R1-2012 (R2017))  
Public Review Date: Sep 2, 2022 | Final Action Date: Nov 10, 2022 | [Approved](#)

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- ▶ ANSI/HL7 V3 TRMLLP, R2-2006 (R2019), HL7 Version 3 Standard: Transport Specification - MLLP, Release 2 (reaffirmation of ANSI/HL7 V3 TRMLLP, R2-2006 (R2011))  
Public Review Date: Jun 21, 2019 | Final Action Date: Aug 30, 2019 | [Approved](#)

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- ▶ ANSI/HL7 V3 XMLITSDT, R1-2004 (R2013), Health Level Seven Version 3 Standard: XML Implementation Technology Specification - Data Types, Release 1 (reaffirmation of ANSI/HL7 V3 XMLITSDT, R1-2004)  
Public Review Date: Apr 12, 2013 | Final Action Date: Jun 4, 2013 | [Approved](#)

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- ▶ ANSI/HL7 V3 XMLITSSTR, R2-2013 (R2018), HL7 Version 3 Standard: XML Implementation Technology Specification - V3 Structures, Release 2 (reaffirmation of ANSI/HL7 V3 XMLITSSTR, R2-2013)  
Public Review Date: Feb 23, 2018 | Final Action Date: Apr 20, 2018 | [Approved](#)

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## HL7 (Health Level Seven)

- ▶ ANSI/HL7 V3IG INFOB, R4-2014 (R2019), HL7 Version 3 Implementation Guide: Context-Aware Knowledge Retrieval Application (Infobutton), Release 4 (reaffirmation of ANSI/HL7 V3IG INFOB, R4-2014)  
Public Review Date: Jun 28, 2019 | Final Action Date: Aug 15, 2019 | [Approved](#)
- ▶ ANSI/HL7 V3PA PATREG, R1-2014 (R2019), HL7 Version 3 Standard: Patient Administration; Patient Registry, Release 1 (reaffirmation of ANSI/HL7 V3PA PATREG, R1-2014)  
Public Review Date: Mar 22, 2019 | Final Action Date: Jun 7, 2019 | [Approved](#)
- ▶ ANSI/HL7 V3XMLITS STRUCT4WFCRIDT, R1-2014 (R2019), HL7 Version 3 Standard: XML: Implementation Technology Specification - V3 Structures for Wire Format Compatible Release 1 Data Types, Release 1-2019 (reaffirmation of ANSI/HL7 V3XMLITS STRUCT4WFCRIDT, R1-2014)  
Public Review Date: May 31, 2019 | Final Action Date: Jul 31, 2019 | [Approved](#)
- ▶ ANSI/HL7 V3XMLITS WFCR1DT, R1-2014 (R2019), HL7 Version 3 Standard: XML Implementation Technology Specification - Wire Format Compatible Release 1 Data Types, Release 1 (reaffirmation of ANSI/HL7 V3XMLITS WFCR1DT, R1-2014)  
Public Review Date: May 31, 2019 | Final Action Date: Jul 31, 2019 | [Approved](#)
- ▶ ANSI/HL7 vMR CDSLM, R2-2018, HL7 Virtual Medical Record for Clinical Decision Support (vMR-CDS) Logical Models, Release 2 (new standard)  
PINS Date: Jan 19, 2018 | Public Review Date: Jul 13, 2018 | Final Action Date: Sep 6, 2018 | [Approved](#)
- ▶ ANSI/HL7 VSD, R1-2019, HL7 Specification: Characteristics of a Value Set Definition, Release 1 (new standard)  
PINS Date: Nov 29, 2013 | Public Review Date: Dec 28, 2018 | Final Action Date: Feb 22, 2019 | [Approved](#)
- ▶ ANSI/HL7CDAR2 IG TRAUMAREG, R2-2019, HL7(R) CDA(R) R2 Implementation Guide: Trauma Registry Data Submission, Release 2 - US Realm (revision and redesignation of ANSI/HL7 CDAR2 IG TRAUMAREG R1-2016)  
PINS Date: Apr 6, 2018 | Public Review Date: Nov 9, 2018 | Final Action Date: Jan 17, 2019 | [Approved](#)
- ▶ ANSI/HL7V3IG SOA KM INFOBUTTON, R1-2013 (R2022), HL7 Version 3 Implementation Guide: Context-Aware Knowledge Retrieval (Infobutton) - Service-Oriented Architecture Implementation Guide, Release 1 (reaffirmation of ANSI/HL7V3IG SOA KM INFOBUTTON, R1-2013)  
Public Review Date: Oct 7, 2022 | Final Action Date: Dec 5, 2022 | [Approved](#)

## Home Innovation (Home Innovation Research Labs)

400 Prince George's Boulevard, Upper Marlboro, MD 20774 | w: [www.HomeInnovation.com](http://www.HomeInnovation.com)

- ▶ ANSI Z765-2021, Square Footage - Method for Calculating (revision of ANSI Z765-2003 (R2013))  
PINS Date: Apr 29, 2011 | Public Review Date: Oct 9, 2020 | Final Action Date: Mar 29, 2021 | [Approved](#)
- ▶ ANSI/ICC 700-2020, National Green Building Standard (revision of ANSI/ICC/ASHRAE 700-2015)  
PINS Date: Oct 6, 2017 | Public Review Date: Jul 19, 2019 | Final Action Date: Jan 6, 2020 | [Approved](#)

## HPS (ASC N13) (Health Physics Society)

950 Herndon Parkway, Suite 450, Herndon, VA 20170 | w: [www.hps.org](http://www.hps.org)

- ▶ ANSI HPS N13.11-2022, Personnel Dosimetry Performance - Criteria for Testing (revision and redesignation of ANSI N13.11-2009 (R2015))  
PINS Date: Jun 23, 2017 | Public Review Date: Oct 14, 2022 | Final Action Date: Dec 1, 2022 | [Approved](#)
- ▶ ANSI N12.1-2015, Fissile Material Symbol (new standard)  
PINS Date: May 10, 2013 | Public Review Date: Jul 11, 2014 | Final Action Date: Apr 17, 2015 | [Approved](#)
- ▶ ANSI N13.1-2021, Sampling and Monitoring Releases of Airborne Radioactive Substances from the Stacks and Ducts of Nuclear Facilities (revision of ANSI N13.1-2011)  
PINS Date: Oct 26, 2018 | Public Review Date: Feb 12, 2021 | Final Action Date: Apr 5, 2021 | [Approved](#)

**HPS (ASC N13) (Health Physics Society)**

- ▶ ANSI N13.12-2013, Surface and Volume Radioactivity Standards for Clearance (revision of ANSI N13.12-1999 (R2010))  
PINS Date: Mar 4, 2011 | Public Review Date: Jan 18, 2013 | Final Action Date: May 6, 2013 | [Approved](#)

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- ▶ ANSI N13.14-2018, Bioassay Programs for Tritium (new standard)  
PINS Date: Jan 7, 2011 | Public Review Date: Sep 29, 2017 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ ANSI N13.22-2013, Bioassay Program for Uranium (new standard)  
PINS Date: Apr 12, 2013 | Public Review Date: Aug 9, 2013 | Final Action Date: Sep 30, 2013 | [Approved](#)

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- ▶ ANSI N13.25-2022, Internal Dosimetry Programs for Plutonium Exposure- Basic Requirements (new standard)  
PINS Date: Feb 24, 2012 | Public Review Date: Apr 1, 2022 | Final Action Date: Jun 23, 2022 | [Approved](#)

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- ▶ ANSI N13.3-2013 (R2019), Dosimetry for Criticality Accidents (reaffirmation of ANSI N13.3-2013)  
Public Review Date: Apr 5, 2019 | Final Action Date: Jun 28, 2019 | [Approved](#)

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- ▶ ANSI N13.30-2011 (R2017), Performance Criteria for Radiobioassay (reaffirmation of ANSI N13.30-2011)  
Public Review Date: Jan 27, 2017 | Final Action Date: Jun 14, 2017 | [Approved](#)

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- ▶ ANSI N13.32-2018, Performance Testing of Extremity Dosimeters (revision of ANSI N13.32-2008)  
PINS Date: Oct 20, 2017 | Public Review Date: Jun 8, 2018 | Final Action Date: Jul 27, 2018 | [Approved](#)

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- ▶ ANSI N13.35-2022, Specifications for the Bottle Manikin Absorption Phantom (revision of ANSI N13.35-2009 (R2019))  
PINS Date: Aug 23, 2019 | Public Review Date: Apr 8, 2022 | Final Action Date: Jun 23, 2022 | [Approved](#)

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- ▶ ANSI N13.36-2001 (R2022), Ionizing Radiation Safety Training for Workers (reaffirmation of ANSI N13.36-2001 (R2011))  
Public Review Date: Apr 8, 2022 | Final Action Date: Jul 11, 2022 | [Approved](#)

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- ▶ ANSI N13.37-2014 (R2019), Environmental Dosimetry--Criteria for System Design and Implementation (reaffirmation of ANSI N13.37-2014)  
Public Review Date: Apr 5, 2019 | Final Action Date: May 23, 2019 | [Approved](#)

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- ▶ ANSI N13.39-2001 (R2011), Design of Internal Dosimetry Programs (reaffirmation of ANSI N13.39-2001)  
PINS Date: Jan 7, 2011 | Public Review Date: Mar 18, 2011 | Final Action Date: Jul 19, 2011 | [Approved](#)

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- ▶ ANSI N13.41-2011 (R2018), Criteria For Performing Multiple Dosimetry (reaffirmation of ANSI N13.41-2011)  
Public Review Date: Nov 24, 2017 | Final Action Date: Jan 24, 2018 | [Approved](#)

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- ▶ ANSI N13.44-2014, Standard for a Thyroid Phantom Used in Occupational Monitoring (new standard)  
PINS Date: May 9, 2014 | Public Review Date: Jul 11, 2014 | Final Action Date: Aug 28, 2014 | [Approved](#)

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- ▶ ANSI N13.49-2001 (R2011), Performance and Documentation of Radiological Surveys (reaffirmation of ANSI N13.49-2001)  
PINS Date: Jan 7, 2011 | Public Review Date: Mar 18, 2011 | Final Action Date: Jun 10, 2011 | [Approved](#)

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- ▶ ANSI N13.52-2018, Personnel Neutron Dosimeters (Neutron Energies Less Than 20MeV) (revision of ANSI N13.52-1999 (R2010))  
PINS Date: Jun 26, 2015 | Public Review Date: Dec 22, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI N13.53-2009 (R2016), Control and Release of Technologically Enhanced Naturally Occurring Radioactive Material (TENORM) (reaffirmation of ANSI N13.53-2009)  
Public Review Date: Aug 15, 2014 | Final Action Date: Aug 24, 2016 | [Approved](#)

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- ▶ ANSI N13.54-2008 (R2018), Fetal Radiation Dose Calculations (reaffirmation of ANSI N13.54-2008)  
Public Review Date: Nov 3, 2017 | Final Action Date: Dec 21, 2017 | [Approved](#)

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**HPS (ASC N13) (Health Physics Society)**

- ▶ ANSI N13.56-2012 (R2019), Sampling and Monitoring Releases of Airborne Radioactivity in the Workplace (reaffirmation of ANSI N13.56-2012)  
Public Review Date: Apr 5, 2019 | Final Action Date: May 23, 2019 | [Approved](#)
- ▶ ANSI N13.59-2008 (R2014), Characterization in Support of Decommissioning Using the Data Quality Objectives Process (reaffirmation of ANSI N13.59-2008)  
Public Review Date: Apr 18, 2014 | Final Action Date: Jun 11, 2014 | [Approved](#)
- ▶ ANSI N13.6-2010 (R2019), Practice for Occupational Radiation Exposure Records Systems (reaffirmation of ANSI N13.6-2010)  
Public Review Date: Jan 4, 2019 | Final Action Date: Mar 1, 2019 | [Approved](#)
- ▶ ANSI N2.1-2011 (R2016), Radiation Symbol (reaffirmation of ANSI N2.1-2011)  
Public Review Date: Nov 25, 2016 | Final Action Date: Jan 11, 2017 | [Approved](#)

**HPS (ASC N43) (Health Physics Society)**

950 Herndon Parkway, Suite 450, Herndon, VA 20170 | w: [www.hps.org](http://www.hps.org)

- ▶ ANSI N43.10-2019, Safe Design and Use of Panoramic, Dry Source Storage (Category II), Self-Contained Wet Source Storage (Category III), and Panoramic, Wet Source Storage (Category IV) Gamma Irradiators (revision of ANSI N43.10-2001 (R2010))  
PINS Date: Mar 22, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Sep 26, 2019 | [Approved](#)
- ▶ ANSI N43.14-2011 (R2016), Radiation Safety for Active Interrogation Systems for Security Screening of Cargo, Energies up to 100 MeV (reaffirmation of ANSI N43.14-2011)  
Public Review Date: Aug 12, 2016 | Final Action Date: Oct 11, 2016 | [Approved](#)
- ▶ ANSI N43.16-2021, Radiation Safety for Cargo and Vehicle Security Screening Systems Using X-Ray or Gamma Radiation, Energies Up To 10 MeV (new standard)  
PINS Date: Aug 28, 2020 | Public Review Date: Nov 27, 2020 | Final Action Date: Jan 14, 2021 | [Approved](#)
- ▶ ANSI N43.17-2009 (R2018), Radiation Safety for Personnel Security Screening Systems Using X-ray or Gamma Radiation (reaffirmation of ANSI N43.17-2009)  
Public Review Date: May 11, 2018 | Final Action Date: Jul 24, 2018 | [Approved](#)
- ▶ ANSI N43.2-2021, Radiation Safety for X-Ray Diffraction and Fluorescence Analysis Equipment (new standard)  
PINS Date: Jan 3, 2020 | Public Review Date: Sep 25, 2020 | Final Action Date: Apr 8, 2021 | [Approved](#)
- ▶ ANSI N43.3-2008 (R2018), For General Radiation Safety--Installations Using Non-Medical X-ray and Sealed Gamma-Ray Sources, Energies Up to 10 MeV (reaffirmation of ANSI N43.3-2008)  
Public Review Date: Oct 20, 2017 | Final Action Date: Dec 12, 2017 | [Approved](#)
- ▶ ANSI N43.4-2021, Classification of Radioactive Self-Luminous Light Sources (revision of ANSI N43.4-2013)  
PINS Date: Oct 16, 2020 | Public Review Date: Nov 27, 2020 | Final Action Date: Jan 21, 2021 | [Approved](#)
- ▶ ANSI N43.5-2013, Radiological Safety Standard for the Design of Radiographic and Radioscopic Non-Medical X-Ray Equipment Below 1 MeV (new standard)  
PINS Date: May 4, 2012 | Public Review Date: Apr 12, 2013 | Final Action Date: Jul 8, 2013 | [Approved](#)
- ▶ ANSI N43.6-2007 (R2013), Sealed Radioactive Sources--Classification (reaffirmation of ANSI N43.6-2007)  
Public Review Date: Jul 5, 2013 | Final Action Date: Sep 23, 2013 | [Approved](#)
- ▶ ANSI N43.7-2018, Safe Design and Use of Self-Contained, Dry Source Storage Irradiators (Category I) (new standard)  
PINS Date: Jan 26, 2018 | Public Review Date: May 11, 2018 | Final Action Date: Jul 24, 2018 | [Approved](#)

**HPS (ASC N43) (Health Physics Society)**

- ▶ ANSI N43.8-2008 (R2013), Classification of Industrial Ionizing Radiation Gauging Devices (reaffirmation of ANSI N43.8-2008)

Public Review Date: Jul 5, 2013 | Final Action Date: Sep 23, 2013 | [Approved](#)

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- ▶ ANSI N43.9-2015, Radiological Safety for the Design and Construction of Apparatus for Gamma Radiography (new standard)

PINS Date: Jun 20, 2008 | Public Review Date: Feb 27, 2015 | Final Action Date: Apr 17, 2015 | [Approved](#)

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**HPVA (Hardwood Plywood Veneer Association)**

42777 Trade West Drive, Sterling, VA 20166 | w: [www.DecorativeHardwoods.org](http://www.DecorativeHardwoods.org) □

- ▶ ANSI/HPVA EF-2020, The Standard for Engineered Wood Flooring (revision of ANSI/HPVA EF-2012)

PINS Date: Oct 13, 2017 | Public Review Date: Dec 6, 2019 | Final Action Date: Aug 14, 2020 | [Approved](#)

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- ▶ ANSI/HPVA HP-1-2020, Standard for Hardwood and Decorative Plywood (revision of ANSI/HPVA HP-1-2016)

PINS Date: Jun 7, 2019 | Public Review Date: Dec 6, 2019 | Final Action Date: Aug 17, 2020 | [Approved](#)

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- ▶ ANSI/HPVA LTDD 1.0-2015, Standard for Due Diligence in Procuring/Sourcing Legal Timber (new standard)

PINS Date: Sep 28, 2012 | Public Review Date: Mar 25, 2016 | Final Action Date: Feb 24, 2015 | [Approved](#)

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**HSI (Healthcare Standards Institute)**

10231 Kotzebue Street, San Antonio, TX 78217 | w: [www.hsi.health/](http://www.hsi.health/)

- ▶ ANSI/HSI/ISO 22956-2021, Healthcare organization management - American National Requirements for Patient-Centered Staffing (identical national adoption of ISO 29956)

PINS Date: Jan 29, 2021 | Public Review Date: Jun 18, 2021 | Final Action Date: Nov 12, 2021 | [Approved](#)

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**IACET (International Association for Continuing Education and Training)**

2201 Cooperative Way, Suite 600, Herndon, VA 20171 | w: [www.iacet.org](http://www.iacet.org)

- ▶ ANSI/IACET 1-2018, Standard for Continuing Education and Training (revision of ANSI/IACET 1-2013)

PINS Date: Feb 10, 2017 | Public Review Date: Jun 23, 2017 | Final Action Date: Nov 3, 2017 | [Approved](#)

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**IAPMO (International Association of Plumbing & Mechanical Officials)**

4755 East Philadelphia Street, Ontario, CA 91761-2816 | w: [www.iapmo.org](http://www.iapmo.org)

- ▶ ANSI/IAPMO UMC 1-2021, Uniform Mechanical Code (revision of ANSI/IAPMO UMC 1-2018)

PINS Date: Oct 13, 2017 | Public Review Date: Sep 6, 2019 | Final Action Date: Nov 14, 2019 | [Approved](#)

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- ▶ ANSI/IAPMO UPC 1-2021, Uniform Plumbing Code (revision of ANSI/IAPMO UPC 1-2018)

PINS Date: Oct 13, 2017 | Public Review Date: Sep 6, 2019 | Final Action Date: Nov 14, 2019 | [Approved](#)

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- ▶ ANSI/IAPMO USHGC 1-2021, Uniform Solar, Hydronics & Geothermal Code (revision of ANSI/IAPMO USHGC 1-2018)

PINS Date: Nov 9, 2018 | Public Review Date: Sep 11, 2020 | Final Action Date: Nov 30, 2020 | [Approved](#)

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- ▶ ANSI/IAPMO USPSHTC 1-2021, Uniform Swimming Pool, Spa & Hot Tub Code (revision of ANSI/IAPMO USPSHTC 1-2018)

PINS Date: Nov 9, 2018 | Public Review Date: Sep 11, 2020 | Final Action Date: Nov 30, 2020 | [Approved](#)

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**IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)**

18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448 | w: [www.asse-plumbing.org](http://www.asse-plumbing.org)

- ▶ ANSI/ASSE 1002/ASME A112.1002/CSA B125.12-2020, Anti-Siphon Fill Valves for Water Closet Tanks (revision, redesignation and consolidation of ANSI/ASSE 1002/ASME A112.1002/CSA B125.12-2015)  
PINS Date: Dec 20, 2019 | Public Review Date: Feb 28, 2020 | Final Action Date: Apr 14, 2020 | [Approved](#)
- ▶ ANSI/ASSE 1003-2020, Performance Requirements for Water Pressure Reducing Valves for Potable Water Distribution Systems (new standard)  
PINS Date: Apr 3, 2015 | Public Review Date: Oct 9, 2020 | Final Action Date: Dec 1, 2020 | [Approved](#)
- ▶ ANSI/ASSE 1004-2016, Backflow Prevention Requirements for Commercial Dishwashing Machines (revision of ANSI/ASSE 1004-2009)  
PINS Date: Dec 26, 2014 | Public Review Date: Oct 14, 2016 | Final Action Date: Jan 6, 2017 | [Approved](#)
- ▶ ANSI/ASSE 1008-2020, Performance Requirements for Plumbing Aspects of Residential Food Waste Disposer Units (revision of ANSI/ASSE 1008-2019)  
PINS Date: May 15, 2020 | Public Review Date: Aug 7, 2020 | Final Action Date: Sep 23, 2020 | [Approved](#)
- ▶ ANSI/ASSE 1010-2021, Performance Requirements for Water Hammer Arresters (new standard)  
PINS Date: May 18, 2018 | Public Review Date: Sep 24, 2021 | Final Action Date: Nov 17, 2021 | [Approved](#)
- ▶ ANSI/ASSE 1011-2017, Performance Requirements for Hose Connection Backflow Preventers (new standard)  
PINS Date: Apr 22, 2011 | Public Review Date: Oct 14, 2016 | Final Action Date: Nov 16, 2017 | [Approved](#)
- ▶ ANSI/ASSE 1012-2021, Performance Requirements for Backflow Preventers with an Intermediate Atmospheric Vent (new standard)  
PINS Date: May 18, 2018 | Public Review Date: Sep 24, 2021 | Final Action Date: Nov 17, 2021 | [Approved](#)
- ▶ ANSI/ASSE 1013-2021, Performance Requirements for Reduced Pressure Principle Backflow Prevention Assemblies (revision of ANSI/ASSE 1013-2011)  
PINS Date: Sep 2, 2016 | Public Review Date: Apr 16, 2021 | Final Action Date: Jun 1, 2021 | [Approved](#)
- ▶ ANSI/ASSE 1014-2020, Performance Requirements for Backflow Prevention Devices for Hand-Held Showers (new standard)  
PINS Date: Apr 10, 2015 | Public Review Date: Jul 26, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)
- ▶ ANSI/ASSE 1015-2021, Performance Requirements for Double Check Backflow Prevention Assemblies (revision of ANSI/ASSE 1015-2011)  
PINS Date: Sep 2, 2016 | Public Review Date: Apr 16, 2021 | Final Action Date: Jun 1, 2021 | [Approved](#)
- ▶ ANSI/ASSE 1016-2017/ASME A112.1016-2017/CSA B125.16-2017 (R2021), Performance Requirements for Automatic Compensating Valves for Individual Showers and Tub/Shower Combinations (reaffirmation of ANSI/ASSE 1016-2017/ASME A112.1016-2017/CSA B125.16-2017)  
Public Review Date: Jul 23, 2021 | Final Action Date: Oct 7, 2021 | [Approved](#)
- ▶ ANSI/ASSE 1018-2023, Trap Seal Primer Valves - Potable Water Supplied (revision of ANSI/ASSE 1018-2002 (R2021))  
PINS Date: May 18, 2018 | Public Review Date: Nov 11, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)
- ▶ ANSI/ASSE 1019-2011 (R2016), Performance Requirements for Wall Hydrant with Backflow Protection and Freeze Resistance (reaffirmation of ANSI/ASSE 1019-2011)  
PINS Date: Apr 22, 2016 | Public Review Date: Oct 14, 2016 | Final Action Date: Jan 6, 2017 | [Approved](#)
- ▶ ANSI/ASSE 1020-2020, Performance Requirements for Pressure Vacuum Breaker Assembly (new standard)  
PINS Date: Apr 10, 2015 | Public Review Date: Jul 26, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

**IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)**

- ▶ ANSI/ASSE 1022-2020, Performance Requirements for Backflow Preventer for Beverage Dispensing Equipment (revision of ANSI/ASSE 1022-2017)  
PINS Date: Aug 7, 2020 | Public Review Date: Oct 2, 2020 | Final Action Date: Dec 11, 2020 | [Approved](#)

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- ▶ ANSI/ASSE 1023-2020, Performance Requirements for Electrically Heated or Cooled Water Dispensers (revision of ANSI/ASSE 1023-2019)  
PINS Date: May 15, 2020 | Public Review Date: Jul 10, 2020 | Final Action Date: Sep 1, 2020 | [Approved](#)

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- ▶ ANSI/ASSE 1024-2017 (R2021), Performance Requirements for Dual Check Backflow Preventers (reaffirmation of ANSI/ASSE 1024-2017)  
Public Review Date: Apr 30, 2021 | Final Action Date: Jun 15, 2021 | [Approved](#)

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- ▶ ANSI/ASSE 1030-2021, Performance Requirements for Positive Pressure Reduction Devices for Sanitary Drainage Systems (revision of ANSI/ASSE 1030-2016)  
PINS Date: May 15, 2020 | Public Review Date: Feb 26, 2021 | Final Action Date: Apr 27, 2021 | [Approved](#)

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- ▶ ANSI/ASSE 1032-2011 (R2021), Performance Requirements for Dual Check Valve Type Backflow Preventers for Carbonated Beverage Dispensers, Post Mix Type (reaffirmation of ANSI/ASSE 1032-2011)  
PINS Date: Apr 22, 2016 | Public Review Date: Nov 20, 2020 | Final Action Date: Jan 15, 2021 | [Approved](#)

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- ▶ ANSI/ASSE 1035-2020, Performance Requirements for Laboratory Faucet Backflow Preventers (revision of ANSI/ASSE 1035-2008)  
PINS Date: May 18, 2018 | Public Review Date: Jun 12, 2020 | Final Action Date: Jul 31, 2020 | [Approved](#)

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- ▶ ANSI/ASSE 1037/ASME A112.1037/CSA B125.37-2020, Performance Requirements for Pressurized Flushing Devices for Plumbing Fixtures (revision of ANSI/ASSE 1037-2015/ASME A112.1037-2015/CSA B125.37-2015 (R2020))  
PINS Date: Dec 20, 2019 | Public Review Date: May 15, 2020 | Final Action Date: Jul 16, 2020 | [Approved](#)

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- ▶ ANSI/ASSE 1044-2015 (R2020), Performance Requirements for Trap Seal Primer - Drainage Types and Electric Design Types (reaffirmation of ANSI/ASSE 1044-2015)  
PINS Date: Oct 18, 2019 | Public Review Date: Feb 28, 2020 | Final Action Date: Apr 14, 2020 | [Approved](#)

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- ▶ ANSI/ASSE 1047-2021, Performance Requirements for Reduced Pressure Detector Backflow Prevention Assemblies (revision of ANSI/ASSE 1047-2011)  
PINS Date: Sep 2, 2016 | Public Review Date: Apr 16, 2021 | Final Action Date: Jun 1, 2021 | [Approved](#)

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- ▶ ANSI/ASSE 1048-2021, Performance Requirements for Double Check Detector Backflow Prevention Assemblies (revision of ANSI/ASSE 1048-2011)  
PINS Date: Sep 2, 2016 | Public Review Date: Apr 16, 2021 | Final Action Date: Jun 1, 2021 | [Approved](#)

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- ▶ ANSI/ASSE 1052-2016, Performance Requirements for Hose Connection Backflow Preventers (new standard)  
PINS Date: Dec 26, 2014 | Public Review Date: Apr 22, 2016 | Final Action Date: Aug 17, 2016 | [Approved](#)

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- ▶ ANSI/ASSE 1053-2019, Performance Requirements for Dual Check Backflow Preventer Wall Hydrants - Freeze Resistant Types (new standard)  
PINS Date: May 18, 2018 | Public Review Date: Mar 8, 2019 | Final Action Date: Apr 26, 2019 | [Approved](#)

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- ▶ ANSI/ASSE 1056-2013 (R2021), Performance requirements for Spill Resistant Vacuum Breaker (reaffirmation of ANSI/ASSE 1056-2013)  
PINS Date: Feb 7, 2020 | Public Review Date: Nov 20, 2020 | Final Action Date: Jan 15, 2021 | [Approved](#)

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- ▶ ANSI/ASSE 1060-2017 (R2021), Performance Requirements for Outdoor Enclosures for Fluid Conveying Components (reaffirmation of ANSI/ASSE 1060-2017)  
Public Review Date: Apr 30, 2021 | Final Action Date: Sep 24, 2021 | [Approved](#)

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- ▶ ANSI/ASSE 1061-2020, Performance Requirements for Push-Fit Fittings (revision of ANSI/ASSE 1061-2015)  
PINS Date: Jul 26, 2019 | Public Review Date: May 29, 2020 | Final Action Date: Jul 17, 2020 | [Approved](#)

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**IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)**

- ▶ ANSI/ASSE 1062-2017 (R2021), Performance Requirements for Temperature Actuated, Flow Reduction (TAFR) Valves for Individual Supply Fittings (reaffirmation of ANSI/ASSE 1062-2017)  
Public Review Date: Apr 30, 2021 | Final Action Date: Jun 15, 2021 | [Approved](#)
- ▶ ANSI/ASSE 1063-2016 (R2021), Performance Requirements for Air Valve and Vent Inflow Preventer (reaffirmation of ANSI/ASSE 1063-2016)  
PINS Date: May 29, 2020 | Public Review Date: Jul 23, 2021 | Final Action Date: Sep 9, 2021 | [Approved](#)
- ▶ ANSI/ASSE 1064-2020, Performance Requirements for Backflow Prevention Assembly Field Test Kits (revision of ANSI/ASSE 1064-2006 (R2011))  
PINS Date: Mar 27, 2020 | Public Review Date: Oct 30, 2020 | Final Action Date: Dec 15, 2020 | [Approved](#)
- ▶ ANSI/ASSE 1066-2022, Performance Requirements for Individual Pressure Balancing In-Line Valves for Individual Fixture Fittings (new standard)  
PINS Date: Sep 4, 2015 | Public Review Date: Sep 16, 2022 | Final Action Date: Dec 1, 2022 | [Approved](#)
- ▶ ANSI/ASSE 1069-2020, Performance Requirements for Automatic Temperature Control Mixing Valves (new standard)  
PINS Date: Apr 10, 2015 | Public Review Date: Jul 26, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)
- ▶ ANSI/ASSE 1070/ASME A112.1070/CSA B125.70-2020, Performance requirements for water temperature limiting devices (revision and redesignation of ANSI/ASSE 1070-2015/ASME A112.1070-2015/CSA B125.70-15)  
PINS Date: Dec 20, 2019 | Public Review Date: May 29, 2020 | Final Action Date: Jul 17, 2020 | [Approved](#)
- ▶ ANSI/ASSE 1071-2012 (R2021), Performance Requirements for Temperature Actuated Mixing Valves for Plumbed Emergency Equipment (reaffirmation of ANSI/ASSE 1071-2012)  
Public Review Date: Nov 20, 2020 | Final Action Date: Jan 15, 2021 | [Approved](#)
- ▶ ANSI/ASSE 1072-2020, Performance Requirements for Barrier Type Trap Seal Protection for Floor Drains (new standard)  
PINS Date: May 18, 2018 | Public Review Date: Jun 5, 2020 | Final Action Date: Jul 23, 2020 | [Approved](#)
- ▶ ANSI/ASSE 1079-2012 (R2021), Performance Requirements for Dielectric Pipe Unions (reaffirmation of ANSI/ASSE 1079-2012)  
Public Review Date: Nov 20, 2020 | Final Action Date: Jan 15, 2021 | [Approved](#)
- ▶ ANSI/ASSE 1081-2014 (R2020), Performance Requirements for Backflow Preventers with Integral Pressure Reducing Boiler Feed Valve and Intermediate Atmospheric Vent Style for Domestic and Light Commercial Water Distribution Systems (reaffirmation of ANSI/ASSE 1081-2014)  
PINS Date: Oct 18, 2019 | Public Review Date: Feb 28, 2020 | Final Action Date: Apr 14, 2020 | [Approved](#)
- ▶ ANSI/ASSE 1082-2021, Performance Requirements for Water Heaters with Integral Temperature Control Devices for Hot Water Distribution Systems. (revision of ANSI/ASSE 1082-2018)  
PINS Date: Jun 11, 2021 | Public Review Date: Sep 24, 2021 | Final Action Date: Nov 17, 2021 | [Approved](#)
- ▶ ANSI/ASSE 1084-2018, Performance Requirements for Water Heaters with Temperature Limiting Capacity (new standard)  
PINS Date: Apr 21, 2017 | Public Review Date: Nov 30, 2018 | Final Action Date: Feb 1, 2019 | [Approved](#)
- ▶ ANSI/ASSE 1085-2018 (R2021), Performance Requirements for Water Heaters for Emergency Equipment (reaffirmation of ANSI/ASSE 1085-2018)  
Public Review Date: Apr 30, 2021 | Final Action Date: Jun 15, 2021 | [Approved](#)
- ▶ ANSI/ASSE 1086-2022, Performance Requirements for Reverse Osmosis Water Efficiency – Drinking Water (revision of ANSI/ASSE 1086-2020)  
PINS Date: Mar 4, 2022 | Public Review Date: Jul 29, 2022 | Final Action Date: Sep 22, 2022 | [Approved](#)

**IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)**

- ▶ ANSI/ASSE 1087-2022, Performance Requirements for Commercial and Food Service Water Treatment Equipment Utilizing Drinking Water (revision of ANSI/ASSE 1087-2018)  
PINS Date: Jun 11, 2021 | Public Review Date: Aug 12, 2022 | Final Action Date: Oct 4, 2022 | [Approved](#)

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- ▶ ANSI/ASSE 1090-2020, Performance Requirements for Drinking Water Atmospheric Water Generators (AWG) (new standard)  
PINS Date: Mar 17, 2017 | Public Review Date: May 22, 2020 | Final Action Date: Jul 16, 2020 | [Approved](#)

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- ▶ ANSI/ASSE 1093-2019/WSC PAS-97-2019, Performance Requirements for Pitless Adapters, Pitless Units, and Well Caps (new standard)  
PINS Date: Mar 9, 2018 | Public Review Date: May 31, 2019 | Final Action Date: Jul 19, 2019 | [Approved](#)

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- ▶ ANSI/ASSE 1098-2021, Performance Requirements for Atmospheric Vacuum Breakers for VacuumToilet Assemblies and Galley Waste Disposal Units on Commercial Aircraft (new standard)  
PINS Date: Jan 3, 2020 | Public Review Date: Jan 8, 2021 | Final Action Date: Apr 5, 2021 | [Approved](#)

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- ▶ ANSI/ASSE 1099/WSC PST-2022, Pressurized Water Storage Tanks (revision of ANSI/ASSE 1099/WSC-PST-2021)  
PINS Date: Mar 11, 2022 | Public Review Date: Jun 24, 2022 | Final Action Date: Aug 10, 2022 | [Approved](#)

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- ▶ ANSI/ASSE 12080-2020, Professional Qualification Standard for Legionella Water Safety and Management Personnel (new standard)  
PINS Date: Dec 4, 2015 | Public Review Date: Feb 14, 2020 | Final Action Date: Apr 23, 2020 | [Approved](#)

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- ▶ ANSI/ASSE Series 10000-2011 (R2020), Professional Qualifications Standard for Installers of Green Plumbing Systems (reaffirmation of ANSI/ASSE Series 10000-2011 (R2015))  
Public Review Date: May 8, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)

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- ▶ ANSI/ASSE SERIES 12000-2021, Professional Qualifications Standard for Water Management and Infection Control Risk Assessment for Building Systems (revision of ANSI/ASSE Series 12000-2018)  
PINS Date: Dec 20, 2019 | Public Review Date: Dec 25, 2020 | Final Action Date: Feb 9, 2021 | [Approved](#)

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- ▶ ANSI/ASSE Series 13000-2015 (R2020), Service Plumber and Residential Mechanical Service Technician Professional Qualifications Standard (reaffirmation of ANSI/ASSE Series 13000-2015)  
Public Review Date: May 8, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)

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- ▶ ANSI/ASSE Series 15000-2020, Professional Qualifications Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems (revision of ANSI/ASSE Series 15000-2015)  
PINS Date: May 10, 2019 | Public Review Date: Jul 31, 2020 | Final Action Date: Sep 15, 2020 | [Approved](#)

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- ▶ ANSI/ASSE Series 16000-2019, Professional Qualifications Standard for Inspectors and Plans Examiners (revision of ANSI/ASSE Series 16000-2012)  
PINS Date: Dec 4, 2015 | Public Review Date: May 10, 2019 | Final Action Date: Jun 28, 2019 | [Approved](#)

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- ▶ ANSI/ASSE Series 19000-2015 (R2020), Professional Qualifications Standard for Hydronic Designers and Installers (reaffirmation of ANSI/IAPMO Series 19000-2015)  
Public Review Date: May 8, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)

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- ▶ ANSI/ASSE Series 21000-2022, Professional Qualifications Standard for Rainwater Catchment Systems Personnel (revision of ANSI/ASSE Series 21000-2017)  
PINS Date: Dec 3, 2021 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 27, 2022 | [Approved](#)

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- ▶ ANSI/ASSE Series 27000-2022, Professional Qualifications Standard for Hybrid Fire Extinguishing Systems Personnel (new standard)  
PINS Date: Feb 12, 2021 | Public Review Date: Dec 17, 2021 | Final Action Date: Feb 4, 2022 | [Approved](#)

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**IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)**

- ▶ ANSI/ASSE Series 5000-2022, Cross-Connection Control Professional Qualifications Standard (revision and redesignation of ANSI/IAPMO Series 5000-2015)  
PINS Date: May 10, 2019 | Public Review Date: Feb 4, 2022 | Final Action Date: Mar 24, 2022 | [Approved](#)
- ▶ ANSI/ASSE Series 6000-2021, Professional Qualifications Standard for Medical Gas Systems Personnel (revision of ANSI/ASSE Series 6000-2018)  
PINS Date: Oct 18, 2019 | Public Review Date: May 7, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)
- ▶ ANSI/ASSE Series 7000-2020, Professional Qualifications Standard for Residential Potable Water Fire Protection System Installers & Inspectors for One- and Two-Family Dwellings (revision of ANSI/ASSE Series 7000-2013)  
PINS Date: Jan 5, 2018 | Public Review Date: Apr 10, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)
- ▶ ANSI/ASSE Series 8000-2011 (R2020), Professional Qualifications Standard for Self Contained Breathing Apparatus Replenishment Systems Installers, Inspectors & Verifiers. (reaffirmation of ANSI/ASSE Series 8000-2011 (R2015))  
Public Review Date: May 8, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)
- ▶ ANSI/ASSE Series 9000-2015 (R2020), Firestop Systems and Smoke-Limiting Materials Professional Qualifications Standard (reaffirmation of ANSI/ASSE Series 9000-2015)  
Public Review Date: May 8, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)
- ▶ ANSI/ASSE Standard 1049-2021, Performance Requirements for Individual and Branch Type Air Admittance Valves for Chemical Waste Systems (new standard)  
PINS Date: Sep 11, 2020 | Public Review Date: May 28, 2021 | Final Action Date: Jul 13, 2021 | [Approved](#)
- ▶ ANSI/ASSE Standard 1050-2021, Performance Requirements for Stack Air Admittance Valves for Sanitary Drainage Systems (new standard)  
PINS Date: Sep 11, 2020 | Public Review Date: May 28, 2021 | Final Action Date: Jul 13, 2021 | [Approved](#)
- ▶ ANSI/ASSE Standard 1051-2021, Performance Requirements for Individual and Branch Type Air Admittance Valves for Sanitary Drainage Systems (new standard)  
PINS Date: Sep 11, 2020 | Public Review Date: May 28, 2021 | Final Action Date: Jul 13, 2021 | [Approved](#)
- ▶ ANSI/ASSE-1001-2021, Performance Requirements for Performance Requirements for Atmospheric Type Vacuum Breakers (revision of ANSI/ASSE 1001-2017)  
PINS Date: May 15, 2020 | Public Review Date: Sep 24, 2021 | Final Action Date: Nov 17, 2021 | [Approved](#)
- ▶ ANSI/CAN/ASSE/IAPMO 1055-2020, Performance Requirements for Chemical Dispensers with Integral Backflow Protection (revision of ANSI/ASSE 1055-2018)  
PINS Date: Dec 28, 2018 | Public Review Date: Jul 31, 2020 | Final Action Date: Sep 17, 2020 | [Approved](#)
- ▶ ANSI/NSF WSC PST 2000-2016, WSC Standard for Pressurized Water Storage Tank (revision of ANSI/NSF WSC PST 2000-2014)  
Public Review Date: Feb 26, 2016 | Final Action Date: Mar 27, 2016 | [Approved](#)

**IAPMO (WES) (International Association of Plumbing & Mechanical Officials)**

4755 East Philadelphia Street, Ontario, CA 91761 | w: <http://www.iapmo.org>

- ▶ ANSI/IAPMO WEstand-2020, Water Efficiency and Sanitation Standard (new standard)  
PINS Date: Apr 24, 2015 | Public Review Date: Jul 23, 2021 | Final Action Date: Oct 8, 2021 | [Approved](#)

**IAPMO (Z) (International Association of Plumbing & Mechanical Officials)**

4755 East Philadelphia Street, Ontario, CA 91761 | w: <https://www.iapmostandards.org>

- ▶ ANSI/ASPE/IAPMO Z1034-2015 (R2020), Test Method for Evaluating Roof Drain Performance (reaffirmation of ANSI/ASPE/IAPMO Z1034-2015)  
Public Review Date: Feb 21, 2020 | Final Action Date: Jul 24, 2020 | [Approved](#)

**IAPMO (Z) (International Association of Plumbing & Mechanical Officials)**

- ▶ ANSI/CSA B125.5/IAPMO Z600-2022, Flexible Water Connector with Excess Flow Shut-off Devices (revision of ANSI/IAPMO Z600/CSA B125.5-2011 (R2016))  
PINS Date: Mar 5, 2021 | Public Review Date: Dec 24, 2021 | Final Action Date: Feb 14, 2022 | [Approved](#)

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- ▶ ANSI/CSA B45.11/IAPMO Z401-2017 (R2021), Glass plumbing fixtures (reaffirmation of ANSI/CSA B45.11/IAPMO Z401-2017)  
Public Review Date: Jul 23, 2021 | Final Action Date: Oct 28, 2021 | [Approved](#)

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- ▶ ANSI/CSA B45.12/IAPMO Z402-2013 (R2018), Aluminum and copper plumbing fixtures (reaffirmation of ANSI/CSA B45.12/IAPMO Z402-2013)  
Public Review Date: Nov 2, 2018 | Final Action Date: Feb 1, 2019 | [Approved](#)

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- ▶ ANSI/CSA B45.13/IAPMO Z1700-2019, Vacuum waste-collection systems (revision of ANSI/CSA B45.13/IAPMO Z1700-2014)  
PINS Date: Jun 3, 2016 | Public Review Date: Nov 2, 2018 | Final Action Date: Mar 28, 2019 | [Approved](#)

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- ▶ ANSI/CSA B45.5/IAPMO Z124-2022, Plastic Plumbing Fixtures (revision of ANSI/CSA B45.5/IAPMO Z124-2016)  
PINS Date: Mar 5, 2021 | Public Review Date: Jul 29, 2022 | Final Action Date: Sep 29, 2022 | [Approved](#)

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- ▶ ANSI/CSA B45.8/IAPMO Z403-2018, Terrazzo, concrete, and natural stone plumbing fixtures (revision of ANSI/CSA B45.8/IAPMO Z403-2013)  
PINS Date: Oct 13, 2017 | Public Review Date: Mar 9, 2018 | Final Action Date: May 18, 2018 | [Approved](#)

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- ▶ ANSI/IAPMO 30500/ISO 30500-2019, Nonsewered sanitation systems — Prefabricated integrated treatment units — General performance requirements for design and testing (identical national adoption of ISO 30500)  
PINS Date: Dec 7, 2018 | Public Review Date: Jul 19, 2019 | Final Action Date: Nov 6, 2019 | [Approved](#)

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- ▶ ANSI/IAPMO ES1000-2020, SprayApplied Polyurethane Foam (new standard)  
PINS Date: Aug 5, 2016 | Public Review Date: May 15, 2020 | Final Action Date: Aug 14, 2020 | [Approved](#)

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- ▶ ANSI/IAPMO H1001.1-2021, Quality of Heat Transfer Fluids Used in Hydronics Systems (new standard)  
PINS Date: Apr 17, 2020 | Public Review Date: Jul 30, 2021 | Final Action Date: Sep 16, 2021 | [Approved](#)

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- ▶ ANSI/IAPMO S1001.1-2013 (R2019), Design and Installation of Solar Water Heating Systems (reaffirmation and redesignation of ANSI S1001.1-2013)  
Public Review Date: Nov 2, 2018 | Final Action Date: Apr 9, 2019 | [Approved](#)

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- ▶ ANSI/IAPMO S1001.4-2015 (R2020), Energy Production Rating of Solar Heating Collectors (reaffirmation of ANSI/IAPMO S1001.4-2015)  
Public Review Date: Jun 19, 2020 | Final Action Date: Aug 17, 2020 | [Approved](#)

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- ▶ ANSI/IAPMO Z1000-2019, Prefabricated Septic Tanks (revision of ANSI/IAPMO Z1000-2013)  
PINS Date: Feb 2, 2018 | Public Review Date: May 3, 2019 | Final Action Date: Jul 15, 2019 | [Approved](#)

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- ▶ ANSI/IAPMO Z1001-2021, Prefabricated Gravity Grease Interceptors (revision of ANSI/IAPMO Z1001-2016)  
PINS Date: Feb 2, 2018 | Public Review Date: Jul 31, 2020 | Final Action Date: Aug 27, 2021 | [Approved](#)

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- ▶ ANSI/IAPMO Z1002-2020, Rainwater Harvesting Tanks (revision of ANSI/IAPMO Z1002-2014)  
PINS Date: Jul 24, 2020 | Public Review Date: Sep 11, 2020 | Final Action Date: Jan 21, 2021 | [Approved](#)

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- ▶ ANSI/IAPMO Z1033-2015 (R2020), Flexible PVC Hoses and Tubing for Pools, Hot Tubs, Spas, and Jetted Bathtubs (reaffirmation of ANSI/IAPMO Z1033-2015)  
Public Review Date: Apr 17, 2020 | Final Action Date: Jul 24, 2020 | [Approved](#)

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- ▶ ANSI/IAPMO Z1088-2019, Pre-Pressurized Water Expansion Tanks (revision of ANSI/IAPMO Z1088-2013)  
PINS Date: Jun 2, 2017 | Public Review Date: Feb 15, 2019 | Final Action Date: May 24, 2019 | [Approved](#)

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**IAPMO (Z) (International Association of Plumbing & Mechanical Officials)**

- ▶ ANSI/IAPMO Z1117-2022, Press Connections (new standard)  
PINS Date: Dec 27, 2019 | Public Review Date: Nov 19, 2021 | Final Action Date: Apr 21, 2022 | [Approved](#)
- ▶ ANSI/IAPMO Z1157-2014e1 (R2019), Ball Valves (reaffirmation of ANSI/IAPMO Z1157-2014)  
Public Review Date: Sep 6, 2019 | Final Action Date: Feb 24, 2020 | [Approved](#)
- ▶ ANSI/IAPMO Z124.10-2022, Water Closets and Urinal Partitions (new standard)  
PINS Date: Jan 29, 2021 | Public Review Date: Dec 24, 2021 | Final Action Date: Apr 13, 2022 | [Approved](#)
- ▶ ANSI/IAPMO Z124.5-2013 (R2019), Plastic Toilet Seats (reaffirmation of ANSI/IAPMO Z124.5-2013)  
Public Review Date: Nov 2, 2018 | Final Action Date: Jan 18, 2019 | [Approved](#)
- ▶ ANSI/IAPMO Z124.7-2013 (R2019), Prefabricated Plastic Spa Shells (reaffirmation of ANSI/IAPMO Z124.7-2013)  
Public Review Date: Nov 2, 2018 | Final Action Date: Jan 18, 2019 | [Approved](#)
- ▶ ANSI/IAPMO Z124.8-2013 (R2019), Prefabricated Liners for Bathtubs and Shower Receptors (reaffirmation of ANSI/IAPMO Z124.8-2013)  
Public Review Date: Nov 2, 2018 | Final Action Date: Jan 18, 2019 | [Approved](#)
- ▶ ANSI/IAPMO Z1324-2022, Alternate Water Source Systems for Multi-Family, Residential, and Commercial Use (new standard)  
PINS Date: Jan 1, 2021 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 1, 2022 | [Approved](#)
- ▶ ANSI/IAPMO Z1349-2021, Devices for Detection, Monitoring or Control of Plumbing Systems (new standard)  
PINS Date: Mar 30, 2018 | Public Review Date: Nov 13, 2020 | Final Action Date: Jan 4, 2021 | [Approved](#)
- ▶ ANSI/IAPMO Z601-2018, Scale Reduction Devices (new standard)  
PINS Date: Aug 17, 2007 | Public Review Date: Dec 29, 2017 | Final Action Date: Jul 11, 2018 | [Approved](#)

**ICC (International Code Council)**

4051 Flossmoor Road, Country Club Hills, IL 60478 | w: [www.iccsafe.org](http://www.iccsafe.org)

- ▶ ANSI/ASABE/ICC 802-2020, Landscape Irrigation Sprinkler and Emitter Standard (revision of ANSI/ASABE/ICC 802-2014)  
PINS Date: Sep 22, 2017 | Public Review Date: Sep 18, 2020 | Final Action Date: Nov 5, 2020 | [Approved](#)
- ▶ ANSI/CSA B805/ICC 805-2022, Rainwater Harvesting Systems (revision of ANSI/CSA B805/ICC 805-2018)  
PINS Date: Feb 18, 2022 | Public Review Date: Mar 18, 2022 | Final Action Date: Dec 8, 2022 | [Approved](#)
- ▶ ANSI/ICC 1100-2019, Standard For Spray-Applied Polyurethane Foam Plastic Insulation (new standard)  
PINS Date: Sep 16, 2016 | Public Review Date: Aug 16, 2019 | Final Action Date: Oct 10, 2019 | [Approved](#)
- ▶ ANSI/ICC 1200-2021, Standard for Off-Site Construction: Planning, Design, Fabrication and Assembly (new standard)  
PINS Date: Feb 7, 2020 | Public Review Date: Feb 19, 2021 | Final Action Date: Jul 19, 2021 | [Approved](#)
- ▶ ANSI/ICC 1205-2021, Standard for Off-Site Construction: Inspection and Regulatory Compliance (new standard)  
PINS Date: Feb 7, 2020 | Public Review Date: Feb 19, 2021 | Final Action Date: Jul 19, 2021 | [Approved](#)
- ▶ ANSI/ICC 300-2017, ICC Standard on Bleachers, Folding and Telescopic Seating, and Grandstands (revision of ANSI/ICC 300-2012)  
PINS Date: Sep 15, 2017 | Public Review Date: Oct 20, 2017 | Final Action Date: Dec 14, 2017 | [Approved](#)
- ▶ ANSI/ICC 400-2021, Standard on the Design and Construction of Log Structures (revision of ANSI/ICC 400-2017)  
PINS Date: Sep 25, 2020 | Public Review Date: Apr 23, 2021 | Final Action Date: Sep 14, 2021 | [Approved](#)

**ICC (International Code Council)**

- ▶ ANSI/ICC 500-2020, BSR/ICC 500-201x, ICC/NSSA Standard for the Design and Construction of Storm Shelters (revision of ANSI/ICC 500-2014)  
PINS Date: Sep 22, 2017 | Public Review Date: Jun 26, 2020 | Final Action Date: Nov 2, 2020 | [Approved](#)
- ▶ ANSI/ICC 600-2020, Standard for Residential Construction in High Wind Regions (revision of ANSI/ICC 600-2013)  
PINS Date: Sep 22, 2017 | Public Review Date: Sep 18, 2020 | Final Action Date: Dec 1, 2020 | [Approved](#)
- ▶ ANSI/ICC 900-2020, Standard for Solar Water Heating Systems (revision and redesignation of ANSI/ICC 900/SRCC 300-2015)  
PINS Date: Mar 8, 2019 | Public Review Date: Oct 23, 2020 | Final Action Date: Dec 3, 2020 | [Approved](#)
- ▶ ANSI/ICC 901-2020, Standard for Solar Thermal Collectors (revision and redesignation of ANSI/ICC 901/SRCC 100-2015)  
PINS Date: Mar 8, 2019 | Public Review Date: Sep 18, 2020 | Final Action Date: Dec 3, 2020 | [Approved](#)
- ▶ ANSI/ICC 902/APSP 902/SRCC 400-2017 (R2020), Solar Pool and Spa Heating System Standard (reaffirmation and redesignation of ANSI/ICC 902/SRCC 400-2017)  
Public Review Date: Sep 20, 2019 | Final Action Date: Dec 3, 2020 | [Approved](#)

**ICC (ASC A117) (International Code Council)**

4051 Flossmoor Road, Country Club Hills, IL 60478 | w: [www.iccsafe.org](http://www.iccsafe.org)

- ▶ ANSI/ICC A117.1-2017, Accessible and Usable Buildings and Facilities (revision of ANSI/ICC A117.1-2009)  
PINS Date: Jul 29, 2011 | Public Review Date: Aug 26, 2016 | Final Action Date: Mar 28, 2017 | [Approved](#)

**ICE (Institute for Credentialing Excellence)**

2001 K St. NW, Suite 300, Washington, DC 20006 | w: [www.credentialingexcellence.org](http://www.credentialingexcellence.org)

- ▶ ANSI/ICE 1100-2019, Standard for Assessment-Based Certificate Programs (revision and redesignation of ANSI/NOCA 1100-2009)  
PINS Date: Dec 15, 2017 | Public Review Date: Jan 4, 2019 | Final Action Date: Apr 9, 2019 | [Approved](#)

**IEEE (Institute of Electrical and Electronics Engineers)**

445 Hoes Lane, Piscataway, NJ 08854-4141 | w: [www.ieee.org](http://www.ieee.org)

- ▶ ANSI/IEEE 1012-2016, Standard for System, Software and Hardware Verification and Validation (new standard)  
Public Review Date: Dec 2, 2016 | Final Action Date: Dec 4, 2017 | [Approved](#)
- ▶ ANSI/IEEE 1017-2013, Recommended Practice for Field Testing Electric Submersible Pump Cable (revision of ANSI/IEEE 1017-2004)  
PINS Date: Mar 19, 2010 | Public Review Date: Sep 27, 2013 | Final Action Date: Jul 21, 2015 | [Approved](#)
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PINS Date: Mar 19, 2010 | Public Review Date: Sep 27, 2013 | Final Action Date: Jul 29, 2015 | [Approved](#)
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PINS Date: May 5, 2006 | Public Review Date: Jul 8, 2011 | Final Action Date: Jul 25, 2012 | [Approved](#)
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PINS Date: Dec 30, 2005 | Public Review Date: Aug 26, 2016 | Final Action Date: Aug 31, 2017 | [Approved](#)
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PINS Date: Apr 12, 2013 | Public Review Date: Apr 8, 2016 | Final Action Date: Apr 6, 2017 | [Approved](#)
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Public Review Date: Jul 5, 2013 | Final Action Date: Sep 30, 2014 | [Approved](#)
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PINS Date: Feb 6, 2009 | Public Review Date: Mar 9, 2012 | Final Action Date: Dec 12, 2012 | [Approved](#)
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PINS Date: Jan 5, 2007 | Public Review Date: Feb 19, 2016 | Final Action Date: Aug 25, 2016 | [Approved](#)
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PINS Date: Feb 6, 2009 | Public Review Date: Aug 14, 2015 | Final Action Date: Aug 24, 2016 | [Approved](#)
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PINS Date: Mar 4, 2011 | Public Review Date: Dec 2, 2016 | Final Action Date: Dec 14, 2017 | [Approved](#)
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PINS Date: Jul 31, 2015 | Public Review Date: Mar 24, 2017 | Final Action Date: Mar 23, 2018 | [Approved](#)
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PINS Date: Mar 26, 2010 | Public Review Date: Mar 9, 2012 | Final Action Date: Nov 27, 2012 | [Approved](#)

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Public Review Date: Apr 23, 2010 | Final Action Date: Aug 20, 2010 | [Approved](#)
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PINS Date: May 5, 2006 | Public Review Date: Jul 12, 2013 | Final Action Date: Oct 27, 2014 | [Approved](#)
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Public Review Date: Mar 9, 2012 | Final Action Date: Dec 3, 2012 | [Approved](#)
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Public Review Date: Jul 12, 2013 | Final Action Date: Oct 28, 2014 | [Approved](#)
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PINS Date: Jan 22, 2010 | Public Review Date: Jul 22, 2011 | Final Action Date: Apr 16, 2012 | [Approved](#)
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PINS Date: Dec 10, 2004 | Public Review Date: May 20, 2011 | Final Action Date: May 23, 2012 | [Approved](#)
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PINS Date: Jan 21, 2011 | Public Review Date: Mar 24, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)
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PINS Date: May 5, 2006 | Public Review Date: May 20, 2011 | Final Action Date: Jul 25, 2012 | [Approved](#)
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PINS Date: Jul 16, 2010 | Public Review Date: Feb 19, 2016 | Final Action Date: Dec 8, 2016 | [Approved](#)

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PINS Date: Dec 30, 2005 | Public Review Date: Mar 9, 2012 | Final Action Date: Oct 17, 2012 | [Approved](#)

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PINS Date: Dec 10, 2004 | Public Review Date: Jul 22, 2011 | Final Action Date: Jul 25, 2012 | [Approved](#)

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PINS Date: May 1, 2009 | Public Review Date: Mar 9, 2012 | Final Action Date: Jul 18, 2012 | [Approved](#)

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PINS Date: Mar 4, 2011 | Public Review Date: Jul 12, 2013 | Final Action Date: Oct 6, 2014 | [Approved](#)

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PINS Date: Oct 23, 2009 | Public Review Date: Dec 2, 2016 | Final Action Date: Nov 14, 2017 | [Approved](#)

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PINS Date: Oct 23, 2009 | Public Review Date: Aug 14, 2015 | Final Action Date: Aug 5, 2016 | [Approved](#)

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PINS Date: Jul 17, 2009 | Public Review Date: Mar 9, 2012 | Final Action Date: Jan 15, 2013 | [Approved](#)

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Public Review Date: May 20, 2011 | Final Action Date: Apr 16, 2012 | [Approved](#)

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PINS Date: Mar 26, 2010 | Public Review Date: Jul 8, 2011 | Final Action Date: Aug 1, 2012 | [Approved](#)

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- ▶ ANSI/IEEE 15026-2-2011, Systems and Software Engineering - Systems and software assurance - Part 2: Assurance case (identical national adoption of ISO/IEC 15026-2:2011)  
PINS Date: Mar 26, 2010 | Public Review Date: Mar 9, 2012 | Final Action Date: Jan 24, 2013 | [Approved](#)

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PINS Date: Nov 15, 2013 | Public Review Date: Feb 19, 2016 | Final Action Date: Sep 9, 2016 | [Approved](#)

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PINS Date: Nov 8, 2013 | Public Review Date: Feb 19, 2016 | Final Action Date: Sep 9, 2016 | [Approved](#)

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PINS Date: Apr 15, 2005 | Public Review Date: Oct 14, 2011 | Final Action Date: Jan 17, 2013 | [Approved](#)

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PINS Date: Mar 21, 2008 | Public Review Date: Jun 3, 2011 | Final Action Date: Jul 25, 2012 | [Approved](#)

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PINS Date: Mar 23, 2001 | Public Review Date: Jul 8, 2011 | Final Action Date: Mar 27, 2012 | [Approved](#)

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PINS Date: Jan 21, 2011 | Public Review Date: Jul 14, 2017 | Final Action Date: Jul 10, 2018 | [Approved](#)

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PINS Date: Jan 21, 2011 | Public Review Date: Mar 9, 2012 | Final Action Date: Jan 15, 2013 | [Approved](#)

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PINS Date: Feb 22, 2008 | Public Review Date: Jan 9, 2009 | Final Action Date: May 21, 2009 | [Approved](#)

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PINS Date: Jan 21, 2011 | Public Review Date: Aug 26, 2016 | Final Action Date: Jul 28, 2017 | [Approved](#)

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PINS Date: Nov 14, 2008 | Public Review Date: Jul 12, 2013 | Final Action Date: Oct 27, 2014 | [Approved](#)

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PINS Date: Jul 24, 2015 | Public Review Date: Aug 26, 2016 | Final Action Date: Aug 21, 2017 | [Approved](#)

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PINS Date: Jun 15, 2012 | Public Review Date: May 26, 2017 | Final Action Date: May 15, 2018 | [Approved](#)

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PINS Date: Nov 29, 2013 | Public Review Date: Mar 24, 2017 | Final Action Date: Feb 28, 2018 | [Approved](#)

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PINS Date: Jul 16, 2010 | Public Review Date: Dec 13, 2013 | Final Action Date: Jul 13, 2015 | [Approved](#)

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- ▶ ANSI/IEEE 1647-2016, Standard for the Functional Verification Language e (revision of ANSI/IEEE 1647-2011)  
PINS Date: Apr 12, 2013 | Public Review Date: Mar 24, 2017 | Final Action Date: Nov 30, 2017 | [Approved](#)

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Public Review Date: Mar 24, 2017 | Final Action Date: Nov 15, 2017 | [Approved](#)

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PINS Date: Apr 9, 2004 | Public Review Date: Dec 2, 2016 | Final Action Date: Dec 14, 2017 | [Approved](#)

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PINS Date: May 23, 2008 | Public Review Date: Jul 5, 2013 | Final Action Date: Sep 30, 2014 | [Approved](#)

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PINS Date: Apr 9, 2004 | Public Review Date: Mar 9, 2012 | Final Action Date: Jan 14, 2013 | [Approved](#)

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PINS Date: Jul 3, 2015 | Public Review Date: Feb 19, 2016 | Final Action Date: Sep 14, 2016 | [Approved](#)

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PINS Date: Jun 4, 2004 | Public Review Date: Mar 9, 2012 | Final Action Date: Dec 10, 2012 | [Approved](#)

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PINS Date: Nov 4, 2016 | Public Review Date: Feb 19, 2016 | Final Action Date: Dec 8, 2016 | [Approved](#)

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PINS Date: Nov 11, 2016 | Public Review Date: Apr 13, 2018 | Final Action Date: Mar 22, 2019 | [Approved](#)

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PINS Date: Jul 16, 2010 | Public Review Date: Jul 12, 2013 | Final Action Date: Oct 6, 2014 | [Approved](#)

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PINS Date: Jul 16, 2010 | Public Review Date: Feb 19, 2016 | Final Action Date: Aug 22, 2016 | [Approved](#)

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PINS Date: Jul 16, 2010 | Public Review Date: Feb 19, 2016 | Final Action Date: Aug 22, 2016 | [Approved](#)

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PINS Date: Mar 19, 2010 | Public Review Date: May 27, 2016 | Final Action Date: May 5, 2017 | [Approved](#)

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- ▶ ANSI/IEEE 1680.2-2012, Standard for Environmental Assessment of Imaging Equipment (new standard)  
PINS Date: Oct 23, 2009 | Public Review Date: Nov 2, 2012 | Final Action Date: Mar 28, 2016 | [Approved](#)

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PINS Date: Oct 23, 2009 | Public Review Date: Nov 2, 2012 | Final Action Date: Mar 28, 2016 | [Approved](#)

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PINS Date: Nov 25, 2005 | Public Review Date: Mar 9, 2012 | Final Action Date: Dec 12, 2012 | [Approved](#)

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PINS Date: May 5, 2006 | Public Review Date: Mar 9, 2012 | Final Action Date: Nov 19, 2012 | [Approved](#)

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PINS Date: Dec 17, 2010 | Public Review Date: Aug 26, 2016 | Final Action Date: Aug 3, 2017 | [Approved](#)

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- ▶ ANSI/IEEE 1707-2015, Recommended Practice for the Investigation of Events at Nuclear Facilities (new standard)  
PINS Date: Jun 8, 2012 | Public Review Date: Apr 8, 2016 | Final Action Date: Mar 16, 2017 | [Approved](#)

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PINS Date: Aug 17, 2007 | Public Review Date: Sep 2, 2016 | Final Action Date: Jul 28, 2017 | [Approved](#)

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PINS Date: Feb 29, 2008 | Public Review Date: Jul 8, 2011 | Final Action Date: Mar 27, 2012 | [Approved](#)

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- ▶ ANSI/IEEE 1725-2011, Standard for Rechargeable Batteries for Cellular Telephones (revision of ANSI/IEEE 1725-2006)  
PINS Date: Feb 19, 2010 | Public Review Date: Jul 8, 2011 | Final Action Date: Apr 16, 2012 | [Approved](#)

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PINS Date: Feb 22, 2008 | Public Review Date: Sep 27, 2013 | Final Action Date: Jul 21, 2015 | [Approved](#)
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PINS Date: Mar 21, 2008 | Public Review Date: May 20, 2011 | Final Action Date: Mar 27, 2012 | [Approved](#)
- ▶ ANSI/IEEE 1734-2011, Standard for Quality of Electronic and Software Intellectual Property used in System and System on Chip (SoC) Designs (new standard)  
PINS Date: May 23, 2008 | Public Review Date: Mar 9, 2012 | Final Action Date: Jul 18, 2012 | [Approved](#)
- ▶ ANSI/IEEE 1785.1-2012, Standard for Rectangular Metallic Waveguides and Their Interfaces for Frequencies of 110 GHz and Above - Part 1: Frequency Bands and Waveguide Dimensions (new standard)  
Public Review Date: Jul 5, 2013 | Final Action Date: Oct 16, 2014 | [Approved](#)
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PINS Date: Nov 16, 2012 | Public Review Date: Sep 2, 2016 | Final Action Date: Sep 27, 2017 | [Approved](#)
- ▶ ANSI/IEEE 1786-2011, Human Factors Guide for Applications of Computerized Operating Procedure Systems at Nuclear Power Generating Stations and other Nuclear Facilities (new standard)  
PINS Date: Jul 18, 2008 | Public Review Date: Mar 9, 2012 | Final Action Date: Jul 18, 2012 | [Approved](#)
- ▶ ANSI/IEEE 1788-2015, Standard for Interval Arithmetic (new standard)  
PINS Date: Jul 18, 2008 | Public Review Date: Feb 19, 2016 | Final Action Date: Aug 26, 2016 | [Approved](#)
- ▶ ANSI/IEEE 1789-2015, Recommended Practices for Modulating Current in High-Brightness LEDs for Mitigating Health Risks to Viewers (new standard)  
PINS Date: Nov 14, 2008 | Public Review Date: Feb 5, 2016 | Final Action Date: Sep 7, 2016 | [Approved](#)
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PINS Date: Aug 13, 2010 | Public Review Date: Sep 8, 2017 | Final Action Date: Sep 13, 2018 | [Approved](#)
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PINS Date: Aug 13, 2010 | Public Review Date: Jul 5, 2013 | Final Action Date: Oct 16, 2014 | [Approved](#)
- ▶ ANSI/IEEE 18-2012, Standard for Shunt Power Capacitors (new standard)  
PINS Date: Mar 14, 2008 | Public Review Date: Jul 12, 2013 | Final Action Date: Oct 21, 2014 | [Approved](#)
- ▶ ANSI/IEEE 1800-2012, Standard for SystemVerilog - Unified Hardware Design, Specification, and Verification Language (revision of ANSI/IEEE 1800-2009)  
PINS Date: Jul 16, 2010 | Public Review Date: Jul 12, 2013 | Final Action Date: Oct 23, 2014 | [Approved](#)
- ▶ ANSI/IEEE 1801-2016, Standard for Design and Verification of Low-Power, Energy-Aware Electronic Systems (revision of ANSI/IEEE 1801-2015)  
Public Review Date: May 27, 2016 | Final Action Date: May 11, 2017 | [Approved](#)
- ▶ ANSI/IEEE 1815.1-2015, Standard for Exchanging Information between networks Implementing IEC 61850 and IEEE Std 1815(TM) (Distributed Network Protocol - DNP3) (new standard)  
PINS Date: Mar 4, 2011 | Public Review Date: May 27, 2016 | Final Action Date: May 5, 2017 | [Approved](#)
- ▶ ANSI/IEEE 1816-2013, Guide for Preparation Techniques of Extruded Dielectric, Shielded Cables Rated 2.5 kV through 46 kV and the Installation of Mating Accessories (new standard)  
PINS Date: Mar 26, 2010 | Public Review Date: Sep 27, 2013 | Final Action Date: Jun 19, 2015 | [Approved](#)

**IEEE (Institute of Electrical and Electronics Engineers)**

- ▶ ANSI/IEEE 1819-2016, Standard for Risk-Informed Categorization and Treatment of Electrical and Electronic Equipment at Nuclear Power Generating Stations and Other Nuclear Facilities (new standard)  
PINS Date: May 21, 2010 | Public Review Date: Mar 24, 2017 | Final Action Date: Mar 23, 2018 | [Approved](#)
- ▶ ANSI/IEEE 1823-2015, Standard for Universal Power Adapter for Mobile Devices (new standard)  
PINS Date: Jul 16, 2010 | Public Review Date: Aug 14, 2015 | Final Action Date: Aug 25, 2016 | [Approved](#)
- ▶ ANSI/IEEE 1827-2016, Guide for Electrical and Control Design of Hydroelectric Water Conveyance Facilities (new standard)  
PINS Date: Jul 16, 2010 | Public Review Date: May 26, 2017 | Final Action Date: Apr 27, 2018 | [Approved](#)
- ▶ ANSI/IEEE 1829-2017, Guide for Conducting Corona Tests on Hardware for Overhead Transmission Lines and Substations (new standard)  
PINS Date: Dec 17, 2010 | Public Review Date: Jul 14, 2017 | Final Action Date: Aug 3, 2018 | [Approved](#)
- ▶ ANSI/IEEE 1844-2015, Standard Test Procedure for Determining Circuit Integrity Performance of Fire Resistive Cables in Nuclear Facilities (new standard)  
PINS Date: Feb 24, 2012 | Public Review Date: May 27, 2016 | Final Action Date: May 8, 2017 | [Approved](#)
- ▶ ANSI/IEEE 1849-2016, Standard for eXtensible Event Stream (XES) for Achieving Interoperability in Event Logs and Event Streams (new standard)  
PINS Date: Jul 31, 2015 | Public Review Date: Mar 24, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)
- ▶ ANSI/IEEE 1855-2016, Standard for Fuzzy Markup Language (new standard)  
PINS Date: Mar 2, 2012 | Public Review Date: Aug 26, 2016 | Final Action Date: Jul 13, 2017 | [Approved](#)
- ▶ ANSI/IEEE 1857-2013, Standard for Advanced Audio and Video Coding (new standard)  
PINS Date: Jun 15, 2012 | Public Review Date: Sep 27, 2013 | Final Action Date: Jul 21, 2015 | [Approved](#)
- ▶ ANSI/IEEE 1857.5-2015, Draft Standard for Advanced Mobile Speech and Audio (new standard)  
PINS Date: Jan 17, 2014 | Public Review Date: May 27, 2016 | Final Action Date: Apr 18, 2017 | [Approved](#)
- ▶ ANSI/IEEE 1859-2017, Standard for Relaxor-Based Single Crystals for Transducer and Actuator Applications (new standard)  
PINS Date: Nov 16, 2012 | Public Review Date: Nov 3, 2017 | Final Action Date: Oct 11, 2018 | [Approved](#)
- ▶ ANSI/IEEE 1872-2016, Standard Ontologies for Robotics and Automation (new standard)  
PINS Date: Feb 24, 2012 | Public Review Date: Aug 14, 2015 | Final Action Date: Aug 5, 2016 | [Approved](#)
- ▶ ANSI/IEEE 1881-2016, Standard Glossary of Stationary Battery Terminology (new standard)  
PINS Date: Nov 30, 2012 | Public Review Date: Dec 2, 2016 | Final Action Date: Dec 4, 2017 | [Approved](#)
- ▶ ANSI/IEEE 1887-2017, Guide for Wayside Energy Storage Systems for DC Traction Applications (new standard)  
PINS Date: Apr 12, 2013 | Public Review Date: Jul 14, 2017 | Final Action Date: Jul 31, 2018 | [Approved](#)
- ▶ ANSI/IEEE 1888.4-2016, Standard for Green Smart Home and Residential Quarter Control Network Protocol (new standard)  
PINS Date: Apr 12, 2013 | Public Review Date: May 26, 2017 | Final Action Date: Apr 27, 2018 | [Approved](#)
- ▶ ANSI/IEEE 1896-2016, Standard for Identification of Contact Wire Used in Overhead Contact Systems (new standard)  
PINS Date: Nov 29, 2013 | Public Review Date: Dec 2, 2016 | Final Action Date: Nov 15, 2017 | [Approved](#)
- ▶ ANSI/IEEE 1898-2016, Standard for High-Voltage Direct-Current (HVDC) Composite Post Insulators (new standard)  
PINS Date: Nov 8, 2013 | Public Review Date: Mar 24, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

**IEEE (Institute of Electrical and Electronics Engineers)**

- ▶ ANSI/IEEE 1899-2017, Guide for Establishing Basic Requirements for High-Voltage Direct-Current Transmission Protection and Control Equipment (new standard)  
PINS Date: Nov 8, 2013 | Public Review Date: Jul 14, 2017 | Final Action Date: Jul 2, 2018 | [Approved](#)

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- ▶ ANSI/IEEE 1900.4a-2011, Standard for Architectural Building Blocks Enabling Network-Device Distributed Decision Making for Optimized Radio Resource Usage in Heterogeneous Wireless Access Networks - Amendment: Architecture and Interfaces for Dynamic Spectrum Access Networks in White Space Frequency Bands (new standard)  
PINS Date: May 1, 2009 | Public Review Date: Mar 9, 2012 | Final Action Date: Nov 27, 2012 | [Approved](#)

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- ▶ ANSI/IEEE 1903-2011, Standard for the Functional Architecture of Next Generation Service Overlay Networks (new standard)  
PINS Date: May 23, 2008 | Public Review Date: Mar 9, 2012 | Final Action Date: Jan 11, 2013 | [Approved](#)

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- ▶ ANSI/IEEE 1905.1-2013, Standard for a Convergent Digital Home Network for Heterogeneous Technologies (new standard)  
PINS Date: Jan 21, 2011 | Public Review Date: Sep 27, 2013 | Final Action Date: Jul 21, 2015 | [Approved](#)

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- ▶ ANSI/IEEE 1906.1-2015, Recommended Practice for Nanoscale and Molecular Communication Framework (new standard)  
PINS Date: Jun 24, 2011 | Public Review Date: May 27, 2016 | Final Action Date: May 5, 2017 | [Approved](#)

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- ▶ ANSI/IEEE 2030-2011, Guide for Smart Grid Interoperability of Energy Technology and Information Technology Operation with the Electric Power System (EPS), and End-Use Applications and Loads (new standard)  
PINS Date: May 1, 2009 | Public Review Date: Oct 14, 2011 | Final Action Date: Jan 24, 2013 | [Approved](#)

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- ▶ ANSI/IEEE 2030.100-2017, Recommended Practice for Implementing an IEC 61850-Based Substation Communications, Protection, Monitoring, and Control System (new standard)  
PINS Date: Jul 6, 2012 | Public Review Date: Nov 3, 2017 | Final Action Date: Nov 29, 2018 | [Approved](#)

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- ▶ ANSI/IEEE 2030.2-2015, Guide for the Interoperability of Energy Storage Systems Integrated with the Electric Power Infrastructure (new standard)  
PINS Date: Jan 21, 2011 | Public Review Date: Feb 5, 2016 | Final Action Date: Sep 7, 2016 | [Approved](#)

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- ▶ ANSI/IEEE 2030.3-2016, Standard Test Procedures for Electric Energy Storage Equipment and Systems for Electric Power Systems Applications (new standard)  
PINS Date: Mar 4, 2011 | Public Review Date: Dec 2, 2016 | Final Action Date: Nov 14, 2017 | [Approved](#)

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- ▶ ANSI/IEEE 2030.6-2016, Guide for the Benefit Evaluation of Electric Power Grid Customer Demand Response (new standard)  
PINS Date: Nov 8, 2013 | Public Review Date: Dec 2, 2016 | Final Action Date: Sep 20, 2017 | [Approved](#)

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- ▶ ANSI/IEEE 21451.7-2011, Information Technology - Smart Transducer Interface for Sensors and Actuators - Part 7: Transducers to Radio Frequency Identification (RFID) Systems Communication Protocols and Transducer Electronic Data Sheet Formats (identical national adoption of ISO/IEC/IEEE 21450:2010 and revision of ANSI/IEEE 1451.7-2010)  
Public Review Date: Jul 22, 2011 | Final Action Date: Jul 16, 2012 | [Approved](#)

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- ▶ ANSI/IEEE 23026-2015, Systems and software engineering - Engineering and management of websites for systems, software, and services information (revision and redesignation of ANSI/IEEE 2001-2002 (R2010))  
PINS Date: Nov 2, 2012 | Public Review Date: Feb 19, 2016 | Final Action Date: Sep 9, 2016 | [Approved](#)

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- ▶ ANSI/IEEE 2400-2016, Standard for Wind Turbine Aero Acoustic Noise Measurement Techniques (new standard)  
PINS Date: Nov 8, 2013 | Public Review Date: Dec 2, 2016 | Final Action Date: Sep 1, 2017 | [Approved](#)

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- ▶ ANSI/IEEE 2402-2017, Standard Design Criteria of Complex Virtual Instruments for Ocean Observation (new standard)  
PINS Date: Jan 17, 2014 | Public Review Date: Jul 14, 2017 | Final Action Date: Jul 2, 2018 | [Approved](#)

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**IEEE (Institute of Electrical and Electronics Engineers)**

- ▶ ANSI/IEEE 2404-2016, Standard for Power Plant De-Nitrogen Oxide (DeNOx) Plate-Type Catalyst (new standard)  
PINS Date: Jan 17, 2014 | Public Review Date: Dec 2, 2016 | Final Action Date: Sep 1, 2017 | [Approved](#)

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- ▶ ANSI/IEEE 24748-1-2011, Guide for Adoption of ISO/IEC TR 24748-1:2010, Systems and Software Engineering - Life Cycle Management (new standard)  
PINS Date: Mar 28, 2008 | Public Review Date: Jul 8, 2011 | Final Action Date: Aug 1, 2012 | [Approved](#)

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- ▶ ANSI/IEEE 24748-4-2016, ISO/IEC/IEEE International Standard for Systems and Software Engineering - Life Cycle Management - Part 4: Systems Engineering Planning (new standard)  
PINS Date: Mar 4, 2011 | Public Review Date: Sep 2, 2016 | Final Action Date: Sep 5, 2017 | [Approved](#)

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- ▶ ANSI/IEEE 24748-5-2017, ISO/IEC/IEEE International Standard - Systems and Software Engineering--Life Cycle Management--Part 5: Software Development Planning (new standard)  
PINS Date: Nov 15, 2013 | Public Review Date: Nov 3, 2017 | Final Action Date: Nov 26, 2018 | [Approved](#)

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- ▶ ANSI/IEEE 260.4-2018, IEEE Standard for Letter Symbols and Abbreviations for Quantities Used in Acoustics (new standard)  
PINS Date: Sep 27, 2019 | Public Review Date: Nov 29, 2019 | Final Action Date: Feb 13, 2020 | [Approved](#)

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- ▶ ANSI/IEEE 26512-2011, Standard for Software and Systems Engineering - Requirements for Acquirers and Suppliers of User Documentation (new standard)  
PINS Date: Oct 23, 2009 | Public Review Date: Jul 8, 2011 | Final Action Date: May 23, 2012 | [Approved](#)

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- ▶ ANSI/IEEE 26513-2010, Systems and Software Engineering - Requirements for Testers and Reviewers of User Documentation (identical national adoption of ISO/IEC 26513:2009)  
PINS Date: Oct 23, 2009 | Public Review Date: Nov 26, 2010 | Final Action Date: Jul 21, 2011 | [Approved](#)

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- ▶ ANSI/IEEE 26514-2010, Systems and Software Engineering - Requirements for Designers (identical national adoption of ISO/IEC 26514:2008)  
PINS Date: Oct 23, 2009 | Public Review Date: Nov 26, 2010 | Final Action Date: Jul 19, 2011 | [Approved](#)

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- ▶ ANSI/IEEE 26531-2015, ISO/IEC/IEEE International Standards for Systems and software engineering - Content management for product life-cycle, user, and service management documentation (new standard)  
PINS Date: Sep 27, 2013 | Public Review Date: Feb 5, 2016 | Final Action Date: Sep 7, 2016 | [Approved](#)

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- ▶ ANSI/IEEE 270-2006 (R2012), Standard Definitions for Selected Quantities, Units, and Related Terms, with Special Attention to the International System of Units (SI) (reaffirmation of ANSI/IEEE 270-2006)  
Public Review Date: Jul 12, 2013 | Final Action Date: Nov 3, 2014 | [Approved](#)

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- ▶ ANSI/IEEE 2700-2017, Standard for Sensor Performance Parameter Definitions (new standard)  
PINS Date: Jan 17, 2014 | Public Review Date: Apr 13, 2018 | Final Action Date: Mar 19, 2019 | [Approved](#)

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- ▶ ANSI/IEEE 286-2000 (R2012), Recommended Practice for Measurement of Power Factor Tip-Up of Electric Machinery Stator Coil Insulation (reaffirmation of ANSI/IEEE 286-2000 (R2006))  
Public Review Date: Jul 12, 2013 | Final Action Date: Oct 23, 2014 | [Approved](#)

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- ▶ ANSI/IEEE 29119-4-2015, ISO/IEC/IEEE International Standard for Software and systems engineering--Software testing--Part 4: Test techniques (new standard)  
PINS Date: Oct 28, 2011 | Public Review Date: Apr 8, 2016 | Final Action Date: Apr 10, 2017 | [Approved](#)

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- ▶ ANSI/IEEE 29148-2011, Systems and Software Engineering - Life Cycle Processes - Requirements Engineering (new standard)  
PINS Date: Mar 26, 2010 | Public Review Date: Mar 9, 2012 | Final Action Date: Jan 24, 2013 | [Approved](#)

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- ▶ ANSI/IEEE 3001.11-2017, Recommended Practice for Application of controllers and automation to Industrial and Commercial Power Systems (new standard)  
PINS Date: Jan 22, 2010 | Public Review Date: Sep 8, 2017 | Final Action Date: Sep 13, 2018 | [Approved](#)

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- ▶ ANSI/IEEE 3001.8-2013, Recommended Practice for the Instrumentation and Metering of Industrial and Commercial Power Systems (new standard)  
PINS Date: Jul 18, 2008 | Public Review Date: Jul 12, 2013 | Final Action Date: Oct 31, 2014 | [Approved](#)

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- ▶ ANSI/IEEE 3004.1-2013, Recommended Practice for the Application of Instrument Transformers in Industrial and Commercial Power Systems (new standard)  
PINS Date: Jul 18, 2008 | Public Review Date: Jul 12, 2013 | Final Action Date: Oct 31, 2014 | [Approved](#)

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- ▶ ANSI/IEEE 3004.8-2016, Recommended Practice for Motor Protection in Industrial and Commercial Power Systems (new standard)  
PINS Date: Jan 21, 2011 | Public Review Date: May 26, 2017 | Final Action Date: Apr 27, 2018 | [Approved](#)

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- ▶ ANSI/IEEE 3006.2-2016, Recommended Practice for Evaluating the Reliability of Existing Industrial and Commercial Power Systems (new standard)  
PINS Date: Jan 17, 2014 | Public Review Date: Dec 2, 2016 | Final Action Date: Dec 6, 2017 | [Approved](#)

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- ▶ ANSI/IEEE 3006.7-2013, Recommended Practice for Determining the Reliability of "24 x 7" Continuous Power Systems in Industrial and Commercial Facilities (new standard)  
PINS Date: Jul 18, 2008 | Public Review Date: Sep 27, 2013 | Final Action Date: Jul 22, 2015 | [Approved](#)

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- ▶ ANSI/IEEE 3006.9-2013, Recommended Practice for Collecting Data for Use in Reliability, Availability, and Maintainability Assessments of Industrial and Commercial Power Systems (new standard)  
PINS Date: Jul 18, 2008 | Public Review Date: Sep 27, 2013 | Final Action Date: Jul 22, 2015 | [Approved](#)

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- ▶ ANSI/IEEE 308-2012, Standard Criteria for Class 1E Power Systems for Nuclear Power Generating Stations (revision of ANSI/IEEE 308-2001 (R2007))  
PINS Date: Mar 26, 2010 | Public Review Date: Jul 12, 2013 | Final Action Date: Oct 31, 2014 | [Approved](#)

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- ▶ ANSI/IEEE 3333.1.1-2015, Standard for Quality of Experience (QoE) and Visual-Comfort Assessments of Three-Dimensional (3D) Contents Based on Psychophysical Studies (new standard)  
PINS Date: Feb 5, 2016 | Public Review Date: Mar 4, 2016 | Final Action Date: Aug 18, 2016 | [Approved](#)

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- ▶ ANSI/IEEE 352-2016, Guide for General Principles of Reliability Analysis of Nuclear Power Generating Station Systems and Other Nuclear Facilities (revision of ANSI/IEEE 352-1994 (R2010))  
PINS Date: Jun 15, 2012 | Public Review Date: May 26, 2017 | Final Action Date: Apr 27, 2018 | [Approved](#)

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- ▶ ANSI/IEEE 383-2015, Standard for Qualifying Electric Cables and Splices for Nuclear Facilities (revision of ANSI/IEEE 383-2003 (R2008))  
PINS Date: Jun 24, 2011 | Public Review Date: Feb 19, 2016 | Final Action Date: Sep 14, 2016 | [Approved](#)

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- ▶ ANSI/IEEE 386-2016, Standard for Separable Insulated Connector Systems for Power Distribution Systems Rated 2.5 kV through 35 kV (revision of ANSI/IEEE 386-2006)  
PINS Date: Nov 4, 2011 | Public Review Date: Mar 24, 2017 | Final Action Date: Dec 18, 2017 | [Approved](#)

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- ▶ ANSI/IEEE 4-2013, Standard for High-Voltage Testing Techniques (new standard)  
PINS Date: Jan 22, 2010 | Public Review Date: Sep 27, 2013 | Final Action Date: Aug 20, 2015 | [Approved](#)

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- ▶ ANSI/IEEE 400.2-2013, Guide for Field Testing of Shielded Power Cable Systems Using Very Low Frequency (VLF) (Less than 1 Hz) (new standard)  
PINS Date: Jul 17, 2009 | Public Review Date: Sep 27, 2013 | Final Action Date: Jul 22, 2015 | [Approved](#)

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- ▶ ANSI/IEEE 400.4-2015, Guide for Field Testing of Shielded Power Cable Systems Rated 5 kV and Above with Damped Alternating Current (DAC) Voltage (new standard)  
PINS Date: May 21, 2010 | Public Review Date: Apr 8, 2016 | Final Action Date: Apr 7, 2017 | [Approved](#)

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- ▶ ANSI/IEEE 42010-2011, Systems and Software Engineering - Architecture Description (new standard)  
PINS Date: Feb 22, 2008 | Public Review Date: Mar 9, 2012 | Final Action Date: Jan 22, 2013 | [Approved](#)

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**IEEE (Institute of Electrical and Electronics Engineers)**

- ▶ ANSI/IEEE 421.3-2016, Standard for High-Potential Test Requirements for Excitation Systems for Synchronous Machines (new standard)  
PINS Date: Jul 22, 2011 | Public Review Date: Aug 26, 2016 | Final Action Date: Aug 16, 2017 | [Approved](#)

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- ▶ ANSI/IEEE 421.5-2016, Recommended Practice for Excitation System Models for Power System Stability Studies (new standard)  
PINS Date: Feb 24, 2012 | Public Review Date: Dec 2, 2016 | Final Action Date: Nov 2, 2017 | [Approved](#)

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- ▶ ANSI/IEEE 421.6-2017, Recommended Practice for the Specification and Design of Field Discharge Equipment for Synchronous Machines (new standard)  
PINS Date: Apr 12, 2013 | Public Review Date: Sep 8, 2017 | Final Action Date: Aug 16, 2018 | [Approved](#)

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- ▶ ANSI/IEEE 422-2012, Guide for the Design of Cable Raceway Systems for Electric Generating Facilities (new standard)  
PINS Date: Feb 13, 2009 | Public Review Date: Jul 5, 2013 | Final Action Date: Oct 27, 2014 | [Approved](#)

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- ▶ ANSI/IEEE 430-2017, Standard Procedures for the Measurement of Radio Noise from Overhead Power Lines and Substations (new standard)  
PINS Date: Dec 17, 2010 | Public Review Date: Jul 14, 2017 | Final Action Date: Jul 2, 2018 | [Approved](#)

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- ▶ ANSI/IEEE 434-2006 (R2013), Guide for Functional Evaluation of Insulation Systems for AC Electric Machines Rated 2300 V and Above (reaffirmation of ANSI/IEEE 434-2006)  
Public Review Date: Jul 12, 2013 | Final Action Date: Oct 29, 2014 | [Approved](#)

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- ▶ ANSI/IEEE 45.1-2017, Recommended Practice for Electrical Installations on Shipboard--Design (new standard)  
PINS Date: Feb 6, 2009 | Public Review Date: Sep 8, 2017 | Final Action Date: Aug 16, 2018 | [Approved](#)

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- ▶ ANSI/IEEE 45.2-2011, Recommended Practice for Electrical Installations on Shipboard - Controls and Automation (new standard)  
PINS Date: Feb 6, 2009 | Public Review Date: Mar 9, 2012 | Final Action Date: Dec 3, 2012 | [Approved](#)

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- ▶ ANSI/IEEE 45.3-2015, Recommended Practice for Shipboard Electrical Installations - Systems Engineering (new standard)  
PINS Date: Feb 6, 2009 | Public Review Date: Feb 19, 2016 | Final Action Date: Sep 12, 2016 | [Approved](#)

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- ▶ ANSI/IEEE 45.6-2016, Recommended Practice for Electrical Installations on Shipboard--Electrical Testing (new standard)  
PINS Date: Feb 6, 2009 | Public Review Date: May 26, 2017 | Final Action Date: May 25, 2018 | [Approved](#)

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- ▶ ANSI/IEEE 45.8-2016, Recommended Practice for Electrical Installations on Shipboard--Cable Systems (new standard)  
PINS Date: Jan 22, 2010 | Public Review Date: Aug 26, 2016 | Final Action Date: Jul 13, 2017 | [Approved](#)

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- ▶ ANSI/IEEE 487-2015, Standard for the Electrical Protection of Communications Facilities Serving Electric Supply Locations - General Considerations (revision of ANSI/IEEE 487-2007)  
PINS Date: Nov 15, 2013 | Public Review Date: Feb 19, 2016 | Final Action Date: Sep 13, 2016 | [Approved](#)

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- ▶ ANSI/IEEE 487.4-2013, Standard for the Electrical Protection of Communication Facilities Serving Electric Supply Locations Through the Use of Neutralizing Transformers (new standard)  
PINS Date: Feb 24, 2012 | Public Review Date: Jul 12, 2013 | Final Action Date: Oct 7, 2014 | [Approved](#)

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- ▶ ANSI/IEEE 487.5-2013, Standard for the Electrical Protection of Communication Facilities Serving Electric Supply Locations Through the Use of Isolation Transformers (new standard)  
PINS Date: Feb 24, 2012 | Public Review Date: Sep 27, 2013 | Final Action Date: Jun 17, 2015 | [Approved](#)

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- ▶ ANSI/IEEE 492-1999 (R2011), IEEE Guide for Operation and Maintenance of Hydro-Generators (reaffirmation of ANSI/IEEE 492-1999 (R2005))  
Public Review Date: May 20, 2011 | Final Action Date: Apr 16, 2012 | [Approved](#)
- ▶ ANSI/IEEE 497-2016, Standard Criteria for Accident Monitoring Instrumentation for Nuclear Power Generating Stations (revision of ANSI/IEEE 497-2010)  
PINS Date: Apr 12, 2013 | Public Review Date: Dec 2, 2016 | Final Action Date: Nov 21, 2017 | [Approved](#)
- ▶ ANSI/IEEE 515-2011, Standard for the Testing, Design, Installation, and Maintenance of Electrical Resistance Trace Heating for Industrial Applications (revision of ANSI/IEEE 515-2004)  
PINS Date: Mar 14, 2008 | Public Review Date: Mar 9, 2012 | Final Action Date: Nov 27, 2012 | [Approved](#)
- ▶ ANSI/IEEE 524-2016, Guide to the Installation of Overhead Transmission Line Conductors (new standard)  
PINS Date: Mar 26, 2010 | Public Review Date: Mar 24, 2017 | Final Action Date: Dec 4, 2017 | [Approved](#)
- ▶ ANSI/IEEE 525-2016, Guide for the Design and Installation of Cable Systems in Substations (revision of ANSI/IEEE 525-2007)  
PINS Date: Jul 22, 2011 | Public Review Date: Mar 24, 2017 | Final Action Date: Dec 6, 2017 | [Approved](#)
- ▶ ANSI/IEEE 56-2016, Guide for Insulation Maintenance of Electric Machines (new standard)  
PINS Date: Nov 16, 2012 | Public Review Date: Mar 24, 2017 | Final Action Date: Mar 23, 2018 | [Approved](#)
- ▶ ANSI/IEEE 572-2006 (R2011), Standard for Qualification of Class 1E Connection Assemblies for Nuclear Power Generating Stations (reaffirmation of ANSI/IEEE 572-2006)  
Public Review Date: Mar 9, 2012 | Final Action Date: Jan 11, 2013 | [Approved](#)
- ▶ ANSI/IEEE 60076-57-1202-2016, IEC/IEEE Approved Draft International Standard Requirements for Liquid Immersed Phase-Shifting Transformers (new standard)  
PINS Date: Jul 6, 2012 | Public Review Date: Sep 2, 2016 | Final Action Date: Aug 31, 2017 | [Approved](#)
- ▶ ANSI/IEEE 60079-30-1-2016, IEC/IEEE International Standard - Explosive atmospheres - Part 30-1: Electrical resistance trace heating - General and testing requirements (new standard)  
PINS Date: May 21, 2010 | Public Review Date: Nov 20, 2015 | Final Action Date: Feb 22, 2016 | [Approved](#)
- ▶ ANSI/IEEE 60079-30-2-2016, IEEE/IEC International Standard for Explosive atmospheres - Part 30-2: Electrical resistance trace heating - Application guide for design, installation and maintenance (new standard)  
PINS Date: May 21, 2010 | Public Review Date: Nov 20, 2015 | Final Action Date: May 4, 2016 | [Approved](#)
- ▶ ANSI/IEEE 60780-323-2016, IEC/IEEE International Standard - Nuclear facilities - Electrical equipment important to safety - Qualification (new standard)  
PINS Date: Jan 17, 2014 | Public Review Date: Aug 26, 2016 | Final Action Date: Sep 5, 2017 | [Approved](#)
- ▶ ANSI/IEEE 61850-9-3-2016, IEC/IEEE International Standard - Communication networks and systems for power utility automation - Part 9-3: Precision time protocol profile for power utility automation (new standard)  
PINS Date: Jul 10, 2015 | Public Review Date: Dec 2, 2016 | Final Action Date: Sep 20, 2017 | [Approved](#)
- ▶ ANSI/IEEE 62582-3-2012, Nuclear Power Plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 3: Elongation at break (new standard)  
PINS Date: Jul 17, 2009 | Public Review Date: Jul 5, 2013 | Final Action Date: Sep 30, 2014 | [Approved](#)
- ▶ ANSI/IEEE 62582-5-2015, Nuclear Power Plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 5: Optical time domain reflectometry (new standard)  
PINS Date: Jul 17, 2009 | Public Review Date: Feb 19, 2016 | Final Action Date: Aug 25, 2016 | [Approved](#)

**IEEE (Institute of Electrical and Electronics Engineers)**

- ▶ ANSI/IEEE 62704-2-2017, IEEE/IEC International Standard -- Determining the peak spatial-average specific absorption rate (SAR) in the human body from wireless communications devices, 30 MHz to 6 GHz -- Part 2: Specific requirements for finite difference time domain (FDTD) modelling of exposure from vehicle mounted antennas (new standard)  
PINS Date: Jun 24, 2011 | Public Review Date: Nov 3, 2017 | Final Action Date: Oct 11, 2018 | [Approved](#)

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- ▶ ANSI/IEEE 649-2006 (R2011), Standard for Qualifying Class 1E Motor Control Centers for Nuclear Power Generating Stations (reaffirmation of ANSI/IEEE 649-2006)  
Public Review Date: Jul 22, 2011 | Final Action Date: Apr 16, 2012 | [Approved](#)

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- ▶ ANSI/IEEE 686-2017, Standard for Radar Definitions (revision of ANSI/IEEE 686-2008)  
PINS Date: Jul 31, 2015 | Public Review Date: Sep 8, 2017 | Final Action Date: Aug 17, 2018 | [Approved](#)

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- ▶ ANSI/IEEE 7-4.3.2-2016, Standard Criteria for Programmable Digital Devices in Safety Systems of Nuclear Power Generating Stations (revision of ANSI/IEEE 7-4.3.2-2010)  
PINS Date: Nov 4, 2011 | Public Review Date: Sep 2, 2016 | Final Action Date: Jul 21, 2017 | [Approved](#)

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- ▶ ANSI/IEEE 765-2012, Standard for Preferred Power Supply (PPS) for Nuclear Power Generating Stations (NPGS) (revision of ANSI/IEEE 765-2006)  
PINS Date: Aug 13, 2010 | Public Review Date: Jul 12, 2013 | Final Action Date: Oct 28, 2014 | [Approved](#)

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- ▶ ANSI/IEEE 80005-2-2016, IEC/IEEE International Standard - Utility connections in port -- Part 2: High and low voltage shore connection systems -- Data communication for monitoring and control (new standard)  
PINS Date: Feb 24, 2012 | Public Review Date: Dec 2, 2016 | Final Action Date: Nov 2, 2017 | [Approved](#)

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- ▶ ANSI/IEEE 802.15.4-2015, Standard for Low-Rate Wireless Personal Area Networks (WPANs) (revision of ANSI/IEEE 802.15.4-2011)  
PINS Date: Nov 8, 2013 | Public Review Date: May 27, 2016 | Final Action Date: May 22, 2017 | [Approved](#)

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- ▶ ANSI/IEEE 802.15.4j-2013, Standard for Local and metropolitan area networks - Part 15.4: Low-Rate Wireless Personal Area Networks (LR-WPANs) - Amendment 4: Alternative Physical Layer Extension to Support Medical Body Area Network (MBAN) Services Operating in the 2360 MHz - 2400 MHz Band (new standard)  
PINS Date: Jan 21, 2011 | Public Review Date: Jul 12, 2013 | Final Action Date: Oct 7, 2014 | [Approved](#)

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- ▶ ANSI/IEEE 802.15.4u-2016, Standard for Low-Rate Wireless Networks--Amendment 3: Use of the 865 MHz to 867 MHz Band in India (new standard)  
Public Review Date: Mar 24, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)

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- ▶ ANSI/IEEE 802.15.7-2011, Standard for Short-Range Wireless Optical Communication using Visible Light (new standard)  
PINS Date: Feb 6, 2009 | Public Review Date: Jul 22, 2011 | Final Action Date: Sep 27, 2012 | [Approved](#)

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- ▶ ANSI/IEEE 802.15.9-2016, Recommended Practice for Transport of Key Management Protocol (KMP) Datagrams (new standard)  
PINS Date: Feb 24, 2012 | Public Review Date: Sep 2, 2016 | Final Action Date: Jul 28, 2017 | [Approved](#)

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- ▶ ANSI/IEEE 802.17-2011, Standard for Information Technology - Telecommunications and Information Exchange Between Systems - Local (revision of ANSI/IEEE 802.17-2005)  
PINS Date: Jan 22, 2010 | Public Review Date: Jul 8, 2011 | Final Action Date: Apr 16, 2012 | [Approved](#)

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- ▶ ANSI/IEEE 802.1AC-2016, Standard for Local and metropolitan area networks -- Media Access Control (MAC) Service Definition (new standard)  
PINS Date: Nov 29, 2013 | Public Review Date: Jun 2, 2017 | Final Action Date: May 18, 2018 | [Approved](#)

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PINS Date: Jul 6, 2012 | Public Review Date: Jul 12, 2013 | Final Action Date: Oct 24, 2014 | [Approved](#)

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- ▶ ANSI/IEEE 802.1BA-2011, Standard for Local and Metropolitan Area Networks - Audio Video Bridging (AVB) Systems (new standard)  
PINS Date: Jun 13, 2008 | Public Review Date: Mar 9, 2012 | Final Action Date: Dec 7, 2012 | [Approved](#)

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Public Review Date: May 20, 2011 | Final Action Date: Apr 16, 2012 | [Approved](#)

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Public Review Date: Jul 8, 2011 | Final Action Date: Apr 23, 2012 | [Approved](#)

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PINS Date: May 23, 2008 | Public Review Date: Jul 22, 2011 | Final Action Date: Sep 27, 2012 | [Approved](#)

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PINS Date: May 23, 2008 | Public Review Date: Jul 22, 2011 | Final Action Date: Apr 26, 2012 | [Approved](#)

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Public Review Date: Jul 22, 2011 | Final Action Date: Apr 16, 2012 | [Approved](#)

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PINS Date: Oct 23, 2009 | Public Review Date: Jul 22, 2011 | Final Action Date: Apr 16, 2012 | [Approved](#)

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PINS Date: Nov 8, 2013 | Public Review Date: Aug 14, 2015 | Final Action Date: Aug 5, 2016 | [Approved](#)

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PINS Date: Apr 12, 2013 | Public Review Date: Jul 21, 2017 | Final Action Date: Sep 27, 2018 | [Approved](#)

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- ▶ ANSI/IEEE 802.22-2011, Standard for Wireless Regional Area Networks - Part 22: Cognitive Wireless RAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: Policies and Procedures for Operation in the TV Bands (new standard)  
PINS Date: Oct 29, 2004 | Public Review Date: Jul 22, 2011 | Final Action Date: Jul 26, 2012 | [Approved](#)

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PINS Date: Feb 20, 2009 | Public Review Date: Jul 8, 2011 | Final Action Date: May 23, 2012 | [Approved](#)

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- ▶ ANSI/IEEE 802.3bd-2011, Standard for Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Specific Requirements Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD Access Method and Physical Layer Specifications - Amendment: MAC Control Frame for Priority-based Flow Control (supplement to ANSI/IEEE 802.3-2009)  
PINS Date: Jul 31, 2009 | Public Review Date: Jul 22, 2011 | Final Action Date: Jul 25, 2012 | [Approved](#)

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PINS Date: Jan 22, 2010 | Public Review Date: Jul 8, 2011 | Final Action Date: Apr 16, 2012 | [Approved](#)

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PINS Date: May 21, 2010 | Public Review Date: May 20, 2011 | Final Action Date: Mar 27, 2012 | [Approved](#)

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PINS Date: Jan 17, 2014 | Public Review Date: Jun 2, 2017 | Final Action Date: May 4, 2018 | [Approved](#)

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PINS Date: Nov 15, 2002 | Public Review Date: Mar 9, 2012 | Final Action Date: Jan 14, 2013 | [Approved](#)

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PINS Date: Mar 18, 2005 | Public Review Date: Jul 12, 2013 | Final Action Date: Oct 3, 2014 | [Approved](#)

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PINS Date: Aug 17, 2007 | Public Review Date: Apr 8, 2016 | Final Action Date: Mar 16, 2017 | [Approved](#)

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Public Review Date: Jul 12, 2013 | Final Action Date: Oct 29, 2014 | [Approved](#)

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PINS Date: May 5, 2006 | Public Review Date: Aug 14, 2015 | Final Action Date: Aug 5, 2016 | [Approved](#)

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PINS Date: Mar 2, 2012 | Public Review Date: Aug 26, 2016 | Final Action Date: Jul 21, 2017 | [Approved](#)

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PINS Date: Jan 28, 2011 | Public Review Date: Mar 24, 2017 | Final Action Date: Mar 23, 2018 | [Approved](#)

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PINS Date: Feb 19, 2010 | Public Review Date: Mar 9, 2012 | Final Action Date: Jan 15, 2013 | [Approved](#)

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Public Review Date: Jun 3, 2011 | Final Action Date: Aug 1, 2012 | [Approved](#)

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- ▶ ANSI/IEEE C37.04-2021, IEEE Standard for Ratings and Requirements for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V (new standard)  
PINS Date: Feb 24, 2012 | Public Review Date: Jun 4, 2021 | Final Action Date: Oct 4, 2021 | [Approved](#)

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PINS Date: Jul 17, 2009 | Public Review Date: Aug 17, 2018 | Final Action Date: Oct 21, 2021 | [Approved](#)

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PINS Date: May 1, 2009 | Public Review Date: Mar 9, 2012 | Final Action Date: Dec 12, 2012 | [Approved](#)

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PINS Date: Oct 1, 2021 | Public Review Date: Dec 31, 2021 | Final Action Date: Sep 6, 2022 | [Approved](#)

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- ▶ ANSI/IEEE C37.102-2006 (R2012), Guide for AC Generator Protection (reaffirmation of ANSI/IEEE C37.102-2006)  
Public Review Date: Jul 12, 2013 | Final Action Date: Oct 7, 2014 | [Approved](#)

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PINS Date: Jul 6, 2012 | Public Review Date: Feb 19, 2016 | Final Action Date: Jan 9, 2017 | [Approved](#)

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PINS Date: Jul 15, 2005 | Public Review Date: Jul 12, 2013 | Final Action Date: Oct 28, 2014 | [Approved](#)

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PINS Date: Mar 2, 2012 | Public Review Date: Aug 26, 2016 | Final Action Date: Nov 30, 2016 | [Approved](#)

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PINS Date: Jun 15, 2012 | Public Review Date: Dec 2, 2016 | Final Action Date: Nov 28, 2017 | [Approved](#)

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- ▶ ANSI/IEEE C37.120-2022, Guide for Protection System Redundancy for Power System Reliability (new standard)  
PINS Date: Oct 1, 2021 | Public Review Date: Dec 31, 2021 | Final Action Date: Apr 29, 2022 | [Approved](#)

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PINS Date: Oct 1, 2021 | Public Review Date: Feb 11, 2022 | Final Action Date: Sep 7, 2022 | [Approved](#)

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PINS Date: Jan 5, 2007 | Public Review Date: Mar 9, 2012 | Final Action Date: Jan 14, 2013 | [Approved](#)

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PINS Date: Aug 13, 2010 | Public Review Date: Sep 2, 2016 | Final Action Date: Sep 5, 2017 | [Approved](#)

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PINS Date: Apr 12, 2013 | Public Review Date: May 27, 2016 | Final Action Date: May 11, 2017 | [Approved](#)
- ▶ ANSI/IEEE C37.13.1-2016, Standard for Definite-Purpose Switching Devices for Use in Metal-Enclosed Low-Voltage (600 V AC and Below) Power Circuit Breaker Switchgear (revision of ANSI/IEEE C37.13.1-2006)  
Public Review Date: Mar 24, 2017 | Final Action Date: Nov 15, 2017 | [Approved](#)
- ▶ ANSI/IEEE C37.14-2015, Standard for DC (3200 V and below) Power Circuit Breakers Used in Enclosures (revision of ANSI/IEEE C37.14-2002 (R2008))  
PINS Date: Nov 4, 2011 | Public Review Date: Feb 19, 2016 | Final Action Date: Aug 25, 2016 | [Approved](#)
- ▶ ANSI/IEEE C37.20.1-2015, Standard for Metal-Enclosed Low-Voltage (1000 Vac and below, 3200 Vdc and below) Power Circuit Breaker Switchgear (revision of ANSI/IEEE C37.20.1-2002 (R2008))  
PINS Date: Jan 25, 2013 | Public Review Date: Feb 19, 2016 | Final Action Date: Aug 25, 2016 | [Approved](#)
- ▶ ANSI/IEEE C37.20.2-2015, Standard for Metal-Clad Switchgear (new standard)  
PINS Date: Nov 14, 2008 | Public Review Date: Feb 19, 2016 | Final Action Date: Sep 12, 2016 | [Approved](#)
- ▶ ANSI/IEEE C37.20.4-2013, Standard for Indoor AC Switches (1 kV to 38 kV) for Use in Metal-Enclosed Switchgear (revision of ANSI/IEEE C37.20.4-2001 (R2006))  
PINS Date: Aug 17, 2007 | Public Review Date: Sep 27, 2013 | Final Action Date: Jul 31, 2015 | [Approved](#)
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Public Review Date: Aug 14, 2015 | Final Action Date: Aug 5, 2016 | [Approved](#)
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PINS Date: Jan 25, 2013 | Public Review Date: Aug 26, 2016 | Final Action Date: Dec 16, 2016 | [Approved](#)
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PINS Date: Mar 4, 2011 | Public Review Date: Mar 9, 2012 | Final Action Date: Jan 11, 2013 | [Approved](#)
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PINS Date: Oct 1, 2021 | Public Review Date: Dec 31, 2021 | Final Action Date: May 23, 2022 | [Approved](#)
- ▶ ANSI/IEEE C37.238-2017, Standard Profile for Use of IEEE 1588 Precision Time Protocol in Power System Applications (revision of ANSI/IEEE C37.238-2011)  
PINS Date: Nov 29, 2013 | Public Review Date: Sep 8, 2017 | Final Action Date: Sep 13, 2018 | [Approved](#)
- ▶ ANSI/IEEE C37.242-2013, Guide for Synchronization, Calibration, Testing, and Installation of Phasor Measurement Units (PMUs) for Power System Protection and Control (new standard)  
PINS Date: Dec 17, 2010 | Public Review Date: Jul 12, 2013 | Final Action Date: Oct 7, 2014 | [Approved](#)
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PINS Date: Dec 17, 2010 | Public Review Date: Feb 19, 2016 | Final Action Date: Sep 12, 2016 | [Approved](#)
- ▶ ANSI/IEEE C37.244-2013, Guide for Phasor Data Concentrator Requirements for Power System Protection, Control, and Monitoring (new standard)  
PINS Date: Jun 17, 2011 | Public Review Date: Sep 27, 2013 | Final Action Date: Jul 21, 2015 | [Approved](#)
- ▶ ANSI/IEEE C37.27-2015, Guide for Low-Voltage AC (635 V and below) Power Circuit Breakers Applied with Separately-Mounted Current-Limiting Fuses (revision of ANSI/IEEE C37.27-2009)  
Public Review Date: May 27, 2016 | Final Action Date: Dec 16, 2016 | [Approved](#)

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PINS Date: Feb 20, 2009 | Public Review Date: Feb 19, 2016 | Final Action Date: Aug 26, 2016 | [Approved](#)
- ▶ ANSI/IEEE C37.302-2015, Guide for Fault Current Limiter (FCL) Testing FCLs rated above 1000 V AC (new standard)  
PINS Date: Jul 16, 2010 | Public Review Date: May 27, 2016 | Final Action Date: Apr 20, 2017 | [Approved](#)
- ▶ ANSI/IEEE C37.41-2016, Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories (revision of ANSI/IEEE C37.41-2008)  
PINS Date: Jan 25, 2013 | Public Review Date: Mar 24, 2017 | Final Action Date: Mar 23, 2018 | [Approved](#)
- ▶ ANSI/IEEE C37.42-2016, Standard Specifications for High-Voltage (>1000 V) Fuses and Accessories (revision of ANSI/IEEE C37.42-2009)  
PINS Date: Jun 15, 2012 | Public Review Date: Mar 24, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)
- ▶ ANSI/IEEE C37.45-2016, Standard Design Tests and Specifications for High Voltage (> 1000 V) Distribution Class Enclosed Single-Pole Air Switches (revision of ANSI/IEEE C37.45-2007)  
PINS Date: Jul 24, 2015 | Public Review Date: Dec 2, 2016 | Final Action Date: Nov 7, 2017 | [Approved](#)
- ▶ ANSI/IEEE C37.47-2011, Standard Specifications For High Voltage (> 1000 V) Current-Limiting Type Distribution Class Fuses and Fuse Disconnecting Switches (new standard)  
PINS Date: Jul 17, 2009 | Public Review Date: Mar 9, 2012 | Final Action Date: Jan 11, 2013 | [Approved](#)
- ▶ ANSI/IEEE C37.63-2013, Standard Requirements for Overhead, Pad-Mounted, Dry-Vault, and Submersible Automatic Line Sectionalizers for Alternating Current Systems Up to 38 kV (revision of ANSI/IEEE C37.63-2005)  
PINS Date: Aug 12, 2011 | Public Review Date: Sep 27, 2013 | Final Action Date: Jul 29, 2015 | [Approved](#)
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PINS Date: Oct 1, 2021 | Public Review Date: Apr 15, 2022 | Final Action Date: Aug 3, 2022 | [Approved](#)
- ▶ ANSI/IEEE C37.74-2014, Standard Requirements for Subsurface, Vault, and Padmounted Load-Interrupter Switchgear and Fused Load-Interrupter Switchgear for Alternating Current Systems up to 38 kV (new standard)  
PINS Date: Jan 5, 2007 | Public Review Date: May 29, 2015 | Final Action Date: Feb 17, 2016 | [Approved](#)
- ▶ ANSI/IEEE C37.90-2011, Relays and Relay Systems Associated with Electric Power Apparatus (new standard)  
Public Review Date: Jun 3, 2011 | Final Action Date: May 23, 2012 | [Approved](#)
- ▶ ANSI/IEEE C37.92-2005 (R2011), Analog Inputs to Protective Relays from Electronic Voltage and Current Transducers (reaffirmation of ANSI/IEEE C37.92-2005)  
Public Review Date: Jun 3, 2011 | Final Action Date: Apr 16, 2012 | [Approved](#)
- ▶ ANSI/IEEE C37.96-2012, Guide for AC Motor Protection (revision of ANSI/IEEE C37.96-2000 (R2006))  
PINS Date: Feb 29, 2008 | Public Review Date: Jul 12, 2013 | Final Action Date: Nov 5, 2014 | [Approved](#)
- ▶ ANSI/IEEE C37.99-2012, Guide for the Protection of Shunt Capacitor Banks (revision of ANSI/IEEE C37.99-2000 (R2006))  
PINS Date: Mar 23, 2007 | Public Review Date: Jul 12, 2013 | Final Action Date: Oct 29, 2014 | [Approved](#)
- ▶ ANSI/IEEE C57.106-2015, Guide for Acceptance and Maintenance of Insulating Mineral Oil in Electrical Equipment (revision of ANSI/IEEE C57.106-2006)  
PINS Date: Feb 24, 2012 | Public Review Date: May 27, 2016 | Final Action Date: May 31, 2017 | [Approved](#)
- ▶ ANSI/IEEE C57.12.00-2015, Standard for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers (revision of ANSI/IEEE C57.12.00-2010)  
PINS Date: Aug 12, 2011 | Public Review Date: Aug 26, 2016 | Final Action Date: Jun 12, 2017 | [Approved](#)

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PINS Date: Feb 19, 2010 | Public Review Date: Aug 14, 2015 | Final Action Date: Aug 23, 2016 | [Approved](#)

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- ▶ ANSI/IEEE C57.12.20-2011, Standard for Overhead Type Distribution Transformers, 500 kVA and Smaller: High Voltage, 34 500 Volts and Below; Low Voltage, 7970/13 800Y Volts and Below (revision of ANSI/IEEE C57.12.20-2005)

Public Review Date: Mar 9, 2012 | Final Action Date: Nov 27, 2012 | [Approved](#)

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PINS Date: Feb 24, 2012 | Public Review Date: May 26, 2017 | Final Action Date: May 22, 2018 | [Approved](#)

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PINS Date: Jul 22, 2011 | Public Review Date: Feb 19, 2016 | Final Action Date: Dec 16, 2016 | [Approved](#)

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- ▶ ANSI/IEEE C57.12.36-2017, Standard Requirements for Liquid-Immersed Distribution Substation Transformers (new standard)

PINS Date: Mar 2, 2012 | Public Review Date: Apr 13, 2018 | Final Action Date: Apr 3, 2019 | [Approved](#)

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- ▶ ANSI/IEEE C57.12.40-2017, Standard for Network, Three-Phase Transformers, 2500 kVA and Smaller; High Voltage, 34 500 V and Below; Low Voltage, 600 V and Below; Subway and Vault Types (Liquid Immersed) (new standard)

PINS Date: Nov 2, 2012 | Public Review Date: Nov 3, 2017 | Final Action Date: Oct 29, 2018 | [Approved](#)

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- ▶ ANSI/IEEE C57.12.59-2015, Guide for Dry-Type Transformer Through-Fault Current Duration (revision of ANSI/IEEE C57.12.59-2002 (R2006))

PINS Date: Mar 2, 2012 | Public Review Date: Feb 19, 2016 | Final Action Date: Nov 30, 2016 | [Approved](#)

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PINS Date: Aug 12, 2011 | Public Review Date: May 27, 2016 | Final Action Date: May 31, 2017 | [Approved](#)

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- ▶ ANSI/IEEE C57.120-2017, Guide for Loss Evaluation of Distribution and Power Transformers and Reactors (new standard)

PINS Date: Jun 11, 2010 | Public Review Date: Jul 21, 2017 | Final Action Date: Jul 2, 2018 | [Approved](#)

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- ▶ ANSI/IEEE C57.125-2015, Guide for Failure Investigation, Documentation, Analysis, and Reporting for Power Transformers and Shunt Reactors (new standard)

PINS Date: Mar 4, 2011 | Public Review Date: Feb 19, 2016 | Final Action Date: Dec 16, 2016 | [Approved](#)

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- ▶ ANSI/IEEE C57.13-2016, Standard Requirements for Instrument Transformers (revision of ANSI/IEEE C57.13-2008)

PINS Date: Jun 11, 2010 | Public Review Date: Aug 26, 2016 | Final Action Date: Aug 21, 2017 | [Approved](#)

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- ▶ ANSI/IEEE C57.130-2015, Guide for the Use of Dissolved Gas Analysis Applied to Factory Temperature Rise Tests for the Evaluation of Mineral Oil-Immersed Transformers and Reactors (new standard)

PINS Date: Jan 17, 2014 | Public Review Date: Apr 8, 2016 | Final Action Date: Apr 7, 2017 | [Approved](#)

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- ▶ ANSI/IEEE C57.135-2012, Guide for the Application, Specification and Testing of Phase Shifting Transformers (revision of ANSI/IEEE C57.135-2001)

PINS Date: Mar 23, 2007 | Public Review Date: Mar 9, 2012 | Final Action Date: Nov 19, 2012 | [Approved](#)

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- ▶ ANSI/IEEE C57.138-2016, Recommended Practice for Routine Impulse Tests for Distribution Transformers (new standard)

PINS Date: Mar 4, 2011 | Public Review Date: May 26, 2017 | Final Action Date: May 22, 2018 | [Approved](#)

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PINS Date: Aug 12, 2011 | Public Review Date: May 27, 2016 | Final Action Date: Jun 12, 2017 | [Approved](#)
- ▶ ANSI/IEEE C57.140-2017, Guide for Evaluation and Reconditioning of Liquid Immersed Power Transformers (revision of BSR/IEEE C57.140-2006)  
PINS Date: Jul 22, 2011 | Public Review Date: Apr 13, 2018 | Final Action Date: Apr 29, 2019 | [Approved](#)
- ▶ ANSI/IEEE C57.143-2012, Guide for Application for Monitoring Equipment to Liquid-Immersed Transformers and Components (new standard)  
PINS Date: Apr 12, 2002 | Public Review Date: Jul 5, 2013 | Final Action Date: Oct 22, 2014 | [Approved](#)
- ▶ ANSI/IEEE C57.146-2005 (R2011), Guide for the Interpretation of Gases Generated in Silicone-Immersed Transformers (reaffirmation of ANSI/IEEE C57.146-2005)  
Public Review Date: Jul 22, 2011 | Final Action Date: Apr 16, 2012 | [Approved](#)
- ▶ ANSI/IEEE C57.148-2011, Standard for Control Cabinets for Power Transformers (new standard)  
PINS Date: Apr 9, 2004 | Public Review Date: Mar 9, 2012 | Final Action Date: Jan 15, 2013 | [Approved](#)
- ▶ ANSI/IEEE C57.149-2012, Guide for the Application and Interpretation of Frequency Response Analysis for Oil-Immersed Transformers (new standard)  
PINS Date: Jul 23, 2004 | Public Review Date: Jul 5, 2013 | Final Action Date: Oct 22, 2014 | [Approved](#)
- ▶ ANSI/IEEE C57.150-2012, Guide for the Transportation of Transformers and Reactors Rated 10 000 kVA or Higher (new standard)  
PINS Date: Dec 10, 2004 | Public Review Date: Jul 5, 2013 | Final Action Date: Oct 3, 2014 | [Approved](#)
- ▶ ANSI/IEEE C57.152-2013, Guide for Diagnostic Field Testing of Fluid-Filled Power Transformers, Regulators, and Reactors  
(revision and redesignation of ANSI/IEEE 62-1995 (R2005))  
PINS Date: Jun 13, 2008 | Public Review Date: Sep 27, 2013 | Final Action Date: Jul 31, 2015 | [Approved](#)
- ▶ ANSI/IEEE C57.153-2015, Guide for Paralleling Regulating Transformers (new standard)  
PINS Date: May 23, 2008 | Public Review Date: Feb 19, 2016 | Final Action Date: Sep 9, 2016 | [Approved](#)
- ▶ ANSI/IEEE C57.156-2016, Guide for Tank Rupture Mitigation of Liquid-Immersed Power Transformers and Reactors (new standard)  
PINS Date: Aug 12, 2011 | Public Review Date: Dec 2, 2016 | Final Action Date: Dec 6, 2017 | [Approved](#)
- ▶ ANSI/IEEE C57.157-2015, Guide for Conducting Functional Life Tests on Switch Contacts Used in Insulating Liquid-Immersed Transformers (new standard)  
PINS Date: Feb 24, 2012 | Public Review Date: Apr 8, 2016 | Final Action Date: Apr 7, 2017 | [Approved](#)
- ▶ ANSI/IEEE C57.159-2016, Guide on Transformers for Application in Distributed Photovoltaic (DPV) Power Generation Systems (new standard)  
PINS Date: Jul 6, 2012 | Public Review Date: Dec 2, 2016 | Final Action Date: Nov 21, 2017 | [Approved](#)
- ▶ ANSI/IEEE C57.16-2011, Standard Requirements, Terminology, and Test Code for Dry-Type Air-Core Series-Connected Reactors (revision of ANSI/IEEE C57.16-1996 (R2001))  
PINS Date: Mar 19, 2010 | Public Review Date: Mar 9, 2012 | Final Action Date: Dec 7, 2012 | [Approved](#)
- ▶ ANSI/IEEE C57.163-2015, Guide for Establishing Power Transformer Capability while under Geomagnetic Disturbances (new standard)  
PINS Date: Jul 3, 2015 | Public Review Date: Feb 19, 2016 | Final Action Date: Sep 13, 2016 | [Approved](#)
- ▶ ANSI/IEEE C57.17-2012, Standard Requirements for Arc Furnace Transformers (new standard)  
PINS Date: Aug 17, 2007 | Public Review Date: Jul 5, 2013 | Final Action Date: Oct 21, 2014 | [Approved](#)

**IEEE (Institute of Electrical and Electronics Engineers)**

- ▶ ANSI/IEEE C57.19.100-2012, Guide for Application of Power Apparatus Bushings (revision of ANSI/IEEE C57.19.100-1995 (R2003))  
PINS Date: May 5, 2006 | Public Review Date: Jul 12, 2013 | Final Action Date: Nov 3, 2014 | [Approved](#)

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- ▶ ANSI/IEEE C57.32-2015, Standard for Requirements, Terminology, and Test Procedures for Neutral Grounding Devices (new standard)  
PINS Date: Mar 2, 2012 | Public Review Date: May 27, 2016 | Final Action Date: May 11, 2017 | [Approved](#)

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- ▶ ANSI/IEEE C57.637-2015, Guide for the Reclamation of Mineral Insulating Oil and Criteria for Its Use (revision and redesignation of ANSI/IEEE 637-1985 (R2007))  
PINS Date: Feb 6, 2009 | Public Review Date: Apr 8, 2016 | Final Action Date: Apr 10, 2017 | [Approved](#)

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- ▶ ANSI/IEEE C57.94-2015, Recommended Practice for Installation, Application, Operation, and Maintenance of Dry-Type Distribution and Power Transformers (revision of ANSI/IEEE C57.94-2000 (R2006))  
PINS Date: Feb 24, 2012 | Public Review Date: May 27, 2016 | Final Action Date: Jun 1, 2017 | [Approved](#)

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- ▶ ANSI/IEEE C62.31-2006 (R2011), Test Methods for Low-Voltage Gas-Tube Surge-Protective Device Components (reaffirmation of ANSI/IEEE C62.31-2006)  
Public Review Date: Jun 3, 2011 | Final Action Date: Jul 24, 2012 | [Approved](#)

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- ▶ ANSI/IEEE C62.33-2016, Standard for Test Methods and Performance Values of Metal-Oxide Varistor Surge Protective Components (new standard)  
PINS Date: Jul 22, 2011 | Public Review Date: May 26, 2017 | Final Action Date: May 22, 2018 | [Approved](#)

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- ▶ ANSI/IEEE C62.36-2016, Standard Test Methods for Surge Protectors and Protective Circuits Used in Information and Communications Technology (ICT) Circuits, and Smart Grid Data Circuits (revision of ANSI/IEEE C62.36-2000 (R2006))  
PINS Date: Mar 26, 2010 | Public Review Date: Dec 2, 2016 | Final Action Date: Nov 28, 2017 | [Approved](#)

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- ▶ ANSI/IEEE C62.37.1-2012, Guide for the Application of Thyristor Surge Protective Device Components (new standard)  
PINS Date: Aug 25, 2006 | Public Review Date: Jul 12, 2013 | Final Action Date: Oct 6, 2014 | [Approved](#)

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- ▶ ANSI/IEEE C62.39-2012, Standard for Test Methods and Preferred Values for Self-Restoring Current-Limiter Components Used in Telecommunication Surge Protection (new standard)  
PINS Date: Nov 2, 2012 | Public Review Date: Jul 5, 2013 | Final Action Date: Oct 3, 2014 | [Approved](#)

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- ▶ ANSI/IEEE C62.42.0-2016, Guide for the Application of Surge-Protective Components in Surge Protective Devices and Equipment Ports - Overview (new standard)  
PINS Date: Apr 12, 2013 | Public Review Date: Jun 2, 2017 | Final Action Date: May 8, 2018 | [Approved](#)

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- ▶ ANSI/IEEE C62.42.1-2016, Guide for the Application of Surge-Protective Components in Surge Protective Devices and Equipment Ports--Part 1: Gas Discharge Tubes (GDTs) (new standard)  
PINS Date: Apr 12, 2013 | Public Review Date: Mar 24, 2017 | Final Action Date: Mar 23, 2018 | [Approved](#)

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- ▶ ANSI/IEEE C62.42.3-2017, Guide for the Application of Surge-Protective Components in Surge Protective Devices and Equipment Ports - Part 3 Silicon PN-Junction Clamping Diodes (new standard)  
PINS Date: Jan 17, 2014 | Public Review Date: Sep 8, 2017 | Final Action Date: Aug 16, 2018 | [Approved](#)

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- ▶ ANSI/IEEE C62.44-2016, Guide for the Application of Low-Voltage (1000 V rms or Less) Surge Protective Devices Used on Secondary Distribution Systems (Between the Transformer Low-Voltage Terminals and the Line Side of the Service Equipment) (new standard)  
PINS Date: May 21, 2010 | Public Review Date: May 26, 2017 | Final Action Date: May 18, 2018 | [Approved](#)

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- ▶ ANSI/IEEE C62.69-2016, Standard for the Surge Parameters of Isolating Transformers Used in Networking Devices and Equipment (new standard)  
PINS Date: Nov 29, 2013 | Public Review Date: Aug 26, 2016 | Final Action Date: Aug 3, 2017 | [Approved](#)

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**IEEE (Institute of Electrical and Electronics Engineers)**

- ▶ ANSI/IEEE C62.72-2016, Guide for the Application of Surge-Protective Devices for Use on the Load Side of Service Equipment in Low-Voltage (1000 V or Less, 50 Hz or 60 Hz) AC Power Circuits (revision of ANSI/IEEE C62.72-2007)  
PINS Date: Jul 17, 2009 | Public Review Date: Sep 2, 2016 | Final Action Date: Jul 28, 2017 | [Approved](#)
- ▶ ANSI/IEEE C62.92.2-2017, Guide for the Application of Neutral Grounding in Electrical Utility Systems, Part II--Synchronous Generator Systems (new standard)  
PINS Date: Oct 30, 2009 | Public Review Date: Jul 21, 2017 | Final Action Date: Aug 7, 2018 | [Approved](#)
- ▶ ANSI/IEEE C62.92.3-2012, Guide for the Application of Neutral Grounding in Electrical Utility Systems, Part III - Generator Auxiliary Systems (revision of ANSI/IEEE C62.92.3-1993 (R2005))  
Public Review Date: Jul 12, 2013 | Final Action Date: Oct 27, 2014 | [Approved](#)
- ▶ ANSI/IEEE C93.3-2017, Standard for the Requirements for Power-Line Carrier Line Traps (30-500 kHz) (new standard)  
PINS Date: Feb 24, 2012 | Public Review Date: Aug 11, 2017 | Final Action Date: Jul 2, 2018 | [Approved](#)
- ▶ ANSI/IEEE C93.4-2012, Standard for Power-Line Carrier Line-Tuning Equipment (30 kHz to 500 kHz) Associated with Power Transmission Lines (new standard)  
PINS Date: Jul 15, 2005 | Public Review Date: Jul 5, 2013 | Final Action Date: Oct 3, 2014 | [Approved](#)
- ▶ ANSI/IEEE Std 2621.1-2022/UL 2621-1:2022, Standard for Wireless Diabetes Device Security Assurance Evaluation: Connected Electronic Product Security Evaluation Programs (new standard)  
PINS Date: Jul 3, 2020 | Public Review Date: Sep 16, 2022 | Final Action Date: Dec 1, 2022 | [Approved](#)
- ▶ ANSI/IEEE Std 2621.2-2022/UL 2621-2:2022, Standard for Wireless Diabetes Device Security: Information Security Requirements for Connected Diabetes Solutions (new standard)  
PINS Date: Jul 3, 2020 | Public Review Date: Sep 16, 2022 | Final Action Date: Dec 1, 2022 | [Approved](#)
- ▶ ANSI/IEEE Std 2621.3-2022/UL 2621-3:2022, Recommended Practice for Wireless Diabetes Device Security: Use of Mobile Devices in Diabetes Control Contexts (new standard)  
PINS Date: Jul 3, 2020 | Public Review Date: Sep 16, 2022 | Final Action Date: Dec 1, 2022 | [Approved](#)

**IEEE (ASC C2) (Institute of Electrical and Electronics Engineers)**

445 Hoes Lane, Piscataway, NJ 08855-1331 | w: [www.ieee.org](http://www.ieee.org)

- ▶ ANSI ASC C2 NESC-2022, National Electrical Safety Code (NESC) (revision and redesignation of ANSI ASC C2 NESC-2017)  
PINS Date: Dec 23, 2016 | Public Review Date: Feb 18, 2022 | Final Action Date: Apr 25, 2022 | [Approved](#)

**IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)**

32515 Nottingham Court, PO Box 367, Lindstrom, MN 55045 | w: [www.ieee.org](http://www.ieee.org)

- ▶ ANSI C63.12-2015, Standard Recommended Practice for Electromagnetic Compatibility Limits and Test Levels (revision of ANSI C63.12-1999 (R2007))  
PINS Date: May 24, 2013 | Public Review Date: Apr 24, 2015 | Final Action Date: Jun 18, 2015 | [Approved](#)
- ▶ ANSI C63.15-2017, Draft Standard Recommended Practice for the Immunity Measurement of Electrical and Electronic Equipment (revision of ANSI C63.15-2010)  
PINS Date: Jun 3, 2016 | Public Review Date: May 26, 2017 | Final Action Date: Jul 13, 2017 | [Approved](#)
- ▶ ANSI C63.16-2016, Guide for Electrostatic Discharge Test Methodologies and Acceptances Criteria for Electronic Equipment (new standard)  
PINS Date: May 11, 2012 | Public Review Date: Dec 11, 2015 | Final Action Date: Feb 1, 2016 | [Approved](#)

**IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)**

- ▶ ANSI C63.17 (R2020), Standard Methods of Measurement of the Electromagnetic and Operational Compatibility of Unlicensed Personal Communications Services (UPCS) Devices (reaffirmation of ANSI/IEEE C63.17-2013)  
Public Review Date: May 3, 2019 | Final Action Date: Nov 30, 2020 | [Approved](#)
- ▶ ANSI C63.19-2019, Standard Methods of Measurement of Compatibility between Wireless Communications Devices and Hearing Aids (revision of ANSI C63.19-2011)  
PINS Date: Apr 22, 2016 | Public Review Date: Mar 22, 2019 | Final Action Date: Aug 19, 2019 | [Approved](#)
- ▶ ANSI C63.23-2012 (R2020), Standard Guide for Electromagnetic Compatibility Computations and Treatment of Measurement Uncertainty (reaffirmation of ANSI/IEEE C63.23-2012)  
PINS Date: Dec 1, 2017 | Public Review Date: May 3, 2019 | Final Action Date: Aug 10, 2020 | [Approved](#)
- ▶ ANSI C63.24-2021, Standard Recommended Practice for In Situ RF Immunity Evaluation of Electronic Devices and Systems (new standard)  
PINS Date: Nov 16, 2001 | Public Review Date: Oct 23, 2020 | Final Action Date: Jan 19, 2021 | [Approved](#)
- ▶ ANSI C63.25.1-2018, Standard Validation Methods for Radiated Emission Test Sites, 1 GHz to 18 GHz (new standard)  
PINS Date: Nov 11, 2011 | Public Review Date: Aug 31, 2018 | Final Action Date: Dec 17, 2018 | [Approved](#)
- ▶ ANSI C63.29-2022, Standard for compliance testing of Lighting Products (new standard)  
PINS Date: May 29, 2015 | Public Review Date: Jul 29, 2022 | Final Action Date: Dec 1, 2022 | [Approved](#)
- ▶ ANSI C63.30-2021, Standard for compliance testing of Wireless Power Transfer Products (new standard)  
PINS Date: May 29, 2015 | Public Review Date: Dec 11, 2020 | Final Action Date: Mar 8, 2021 | [Approved](#)
- ▶ ANSI C63.7-2015, Standard Guide for Construction of Test Sites for Performing Radiated Emission Measurements (revision of ANSI C63.7-2005)  
PINS Date: May 24, 2013 | Public Review Date: Dec 5, 2014 | Final Action Date: Jan 29, 2015 | [Approved](#)
- ▶ ANSI/IEEE C63.18-2014 (R2019), Standard Recommended Practice for an On-Site, Ad Hoc Test Method for Estimating Electromagnetic Immunity of Medical Devices to Radiated Radio-Frequency (RF) Emissions from RF Transmitters (reaffirmation of ANSI/IEEE C63.18-2014)  
Public Review Date: Jun 14, 2019 | Final Action Date: Jul 22, 2019 | [Approved](#)
- ▶ ANSI/IEEE C63.22-2004 (R2012), Standard Guide for Automated Electromagnetic Interference Measurements (reaffirmation of ANSI/IEEE C63.22-2004)  
Public Review Date: Aug 3, 2012 | Final Action Date: Nov 30, 2012 | [Approved](#)
- ▶ ANSI/IEEE C63.4a-2017, Draft Standard for the Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz: Amendment 1: Amendment to Annex D of ANSI C63.4-2014 on Test Site Validation (supplement to ANSI/IEEE C63.4-2014)  
PINS Date: Apr 15, 2016 | Public Review Date: Jun 23, 2017 | Final Action Date: Sep 15, 2017 | [Approved](#)

**IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)**

NIST, 100 Bureau Drive M/S 8462, Gaithersburg, MD 20899-8462 | w: <http://standards.ieee.org>

- ▶ ANSI C63.27-2021, Standard for Evaluation of Wireless Coexistence (revision of ANSI C63.27-2017)  
PINS Date: Dec 1, 2017 | Public Review Date: Sep 3, 2021 | Final Action Date: Nov 29, 2021 | [Approved](#)
- ▶ ANSI N323A/B-2013, Radiation Protection Instrumentation Test and Calibration, Portable Survey Instruments (revision and redesignation of ANSI N323B-2003)  
PINS Date: Aug 23, 2013 | Public Review Date: Sep 27, 2013 | Final Action Date: Dec 16, 2013 | [Approved](#)
- ▶ ANSI N42.17AC-2022, Performance Specifications for Health Physics Instrumentation- Portable Survey Instrumentation for Use in Normal and Extreme Environmental Conditions (new standard)  
PINS Date: Feb 13, 2015 | Public Review Date: Apr 24, 2020 | Final Action Date: Mar 4, 2022 | [Approved](#)

**IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)**

- ▶ ANSI N42.32-2016, Performance Criteria for Alarming Personal Radiation Detectors for Homeland Security (revision of ANSI N42.32-2006)  
PINS Date: Sep 6, 2013 | Public Review Date: Jun 19, 2015 | Final Action Date: Apr 7, 2016 | [Approved](#)
- ▶ ANSI N42.32a-2022, Performance Criteria for Alarming Personal Radiation Detectors for Homeland Security (addenda to ANSI N42.32-2016)  
PINS Date: Apr 10, 2020 | Public Review Date: Oct 30, 2020 | Final Action Date: Mar 4, 2022 | [Approved](#)
- ▶ ANSI N42.33-2019, Standard for Portable Gamma and Radiation Detection Instrumentation for Homeland Security (new standard)  
PINS Date: Oct 21, 2016 | Public Review Date: Oct 13, 2017 | Final Action Date: Aug 9, 2019 | [Approved](#)
- ▶ ANSI N42.34-2021, Standard Performance Criteria for Handheld Instruments for the Detection and Identification of Radionuclides (revision of ANSI N42.34-2015)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 20, 2021 | [Approved](#)
- ▶ ANSI N42.34a-2020, Standard Performance Criteria for Handheld Instruments for the Detection and Identification of Radionuclides Amendment (addenda to ANSI N42.34-2015)  
PINS Date: Sep 6, 2019 | Public Review Date: May 15, 2020 | Final Action Date: Aug 10, 2020 | [Approved](#)
- ▶ ANSI N42.35-2016, Standard for Evaluation and Performance of Radiation Detection Portal Monitors for Use in Homeland Security (revision of ANSI N42.35-2006)  
PINS Date: Sep 6, 2013 | Public Review Date: Feb 20, 2015 | Final Action Date: Mar 17, 2016 | [Approved](#)
- ▶ ANSI N42.37-2016, Training for the Radiological/Nuclear Detection Mission (revision of ANSI N42.37-2006)  
PINS Date: Aug 15, 2014 | Public Review Date: Sep 9, 2016 | Final Action Date: Nov 7, 2016 | [Approved](#)
- ▶ ANSI N42.38a-2018, Standard for Performance Criteria for Spectroscopy-Based Portal Monitors Used for Homeland Security (revision of ANSI N42.38-2015)  
PINS Date: Jun 29, 2018 | Public Review Date: Aug 31, 2018 | Final Action Date: Dec 17, 2018 | [Approved](#)
- ▶ ANSI N42.41-2021, Standard Minimum Performance Criteria for Active Interrogation Systems Used for Homeland Security (revision of ANSI N42.41-2007 (R2017))  
PINS Date: Oct 20, 2017 | Public Review Date: May 28, 2021 | Final Action Date: Nov 12, 2021 | [Approved](#)
- ▶ ANSI N42.42-2020, Standard Data Format for Radiation Detectors Used for Homeland Security (revision of ANSI N42.42-2012)  
PINS Date: Apr 26, 2019 | Public Review Date: Sep 27, 2019 | Final Action Date: Apr 23, 2020 | [Approved](#)
- ▶ ANSI N42.43-2016, Performance Criteria for Mobile and Transportable Radiation Monitors Used for Homeland Security (revision of ANSI N42.43-2006)  
PINS Date: Sep 6, 2013 | Public Review Date: Nov 13, 2015 | Final Action Date: Apr 26, 2016 | [Approved](#)
- ▶ ANSI N42.45-2021, Standard for Evaluating the Image Quality of X-ray Computed Tomography (CT) Security-Screening Systems (new standard)  
PINS Date: Sep 5, 2014 | Public Review Date: Sep 3, 2021 | Final Action Date: Dec 22, 2021 | [Approved](#)
- ▶ ANSI N42.46-2008 (R2017), Standard for Determination of the Imaging Performance of X-Ray and Gamma-Ray Systems for Cargo and Vehicle Security Screening (reaffirmation of ANSI N42.46-2008)  
PINS Date: Sep 8, 2017 | Public Review Date: Sep 22, 2017 | Final Action Date: Nov 14, 2017 | [Approved](#)
- ▶ ANSI N42.48-2018, Standard Performance Requirements for Spectrometric Personal Radiation Detectors (SPRDs) for Homeland Security (new standard)  
PINS Date: Oct 20, 2017 | Public Review Date: Jul 6, 2018 | Final Action Date: Nov 5, 2018 | [Approved](#)

**IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)**

- ▶ ANSI N42.49A (R2022), Standard for Performance Criteria for Alarming Electronic Personal Emergency RadiationDetectors (PERDs) for Exposure Control (reaffirmation and redesignation of ANSI/N42.49a-2011)  
PINS Date: Jan 1, 2021 | Public Review Date: Mar 18, 2022 | Final Action Date: May 6, 2022 | [Approved](#)
- ▶ ANSI N42.49B-2013, Performance Criteria for Non-alarming Personal Emergency Radiation Detectors (PERDs) for Exposure Control (new standard)  
PINS Date: May 8, 2009 | Public Review Date: Feb 17, 2012 | Final Action Date: Dec 20, 2013 | [Approved](#)
- ▶ ANSI N42.50-2022, Standard Performance Specifications for Instrumentation Systems Designed for Measuring Radon Progeny in Air (new standard)  
PINS Date: Jan 19, 2007 | Public Review Date: Apr 16, 2021 | Final Action Date: Mar 4, 2022 | [Approved](#)
- ▶ ANSI N42.53-2021, Standard Performance Criteria for Backpack- Based Radiation-Detection Systems Used for Homeland Security (revision of ANSI N42.53-2013)  
PINS Date: Aug 23, 2019 | Public Review Date: Jan 29, 2021 | Final Action Date: Apr 21, 2021 | [Approved](#)
- ▶ ANSI N42.54-2018, Draft Standard for Instrumentation and Systems for Monitoring Airborne Radioactivity (revision and partition of ANSI N42.18-2004, N42.17B, ANSI N42.18, ANSI N42.30, ANSI N323C)  
PINS Date: Aug 27, 2010 | Public Review Date: Oct 20, 2017 | Final Action Date: Jan 10, 2018 | [Approved](#)
- ▶ ANSI N42.55-2013, Standard for the Performance of Portable Transmission X-Ray Systems for Use in Improvised Explosive Device and Hazardous Device Identification (new standard)  
PINS Date: Apr 15, 2011 | Public Review Date: Sep 20, 2013 | Final Action Date: Dec 16, 2013 | [Approved](#)
- ▶ ANSI N42.60-2019, Standard Training for Radiological/Nuclear Detection for Initial Response (new standard)  
PINS Date: Oct 13, 2017 | Public Review Date: May 24, 2019 | Final Action Date: Aug 8, 2019 | [Approved](#)

**IES (Illuminating Engineering Society)**

120 Wall Street, Floor 17, New York, NY 10005-4001 | w: [www.ies.org](http://www.ies.org)

- ▶ ANSI-IES LS-1-2021, Lighting Science: Nomenclature and Definitions for Illuminating Engineering (revision of ANSI/IES LS 1-2020)  
Public Review Date: Sep 10, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)
- ▶ ANSI/IES DG-3-2000 (R2015), Application of Luminaire Symbols on Lighting Design Drawing (reaffirmation of ANSI/IESNA DG-3-2000 (R2010))  
PINS Date: Dec 19, 2014 | Public Review Date: Mar 27, 2015 | Final Action Date: Jun 25, 2015 | [Approved](#)
- ▶ ANSI/IES LM-10-2020, Approved Method: Photometric Testing of Roadway and Area Lighting Fluorescent Luminaires (new standard)  
PINS Date: Feb 15, 2019 | Public Review Date: Sep 27, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)
- ▶ ANSI/IES LM-11-2020, Approved Method: Guide for Photometric Testing of Searchlights (new standard)  
PINS Date: Feb 15, 2019 | Public Review Date: Sep 27, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)
- ▶ ANSI/IES LM-20-2020, Approved Method: Photometry of Reflector Type Lamps (new standard)  
PINS Date: Feb 15, 2019 | Public Review Date: Dec 20, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)
- ▶ ANSI/IES LM-28-2020, Approved Method: Guide for the Selection, Care and Use of Electrical Instruments in the Photometric Laboratory (new standard)  
PINS Date: Jul 19, 2019 | Public Review Date: Sep 27, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)
- ▶ ANSI/IES LM-31-2020, Approved Method: Photometric Testing of Roadway and Area Lighting Luminaires Using Incandescent Filament or High Intensity Discharge Lamps (new standard)  
PINS Date: Feb 15, 2019 | Public Review Date: Sep 27, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

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- ▶ ANSI/IES LM-35-2020, Approved Method: Photometric Testing of Floodlights Using High Intensity Discharge or Incandescent Filament Lamps (new standard)  
PINS Date: Sep 27, 2019 | Public Review Date: Sep 27, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)
- ▶ ANSI/IES LM-37-2020, Approved Method: IES Guide for Determination of Average Luminance (Calculated) for Indoor Luminaires (new standard)  
PINS Date: Nov 1, 2019 | Public Review Date: Dec 20, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)
- ▶ ANSI/IES LM-40-2020, IES Approved Method: Life Testing of Fluorescent Lamps (new standard)  
PINS Date: Feb 15, 2019 | Public Review Date: Jun 14, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)
- ▶ ANSI/IES LM-41-2020, Approved Method: Photometric Testing of Indoor Fluorescent Luminaires (new standard)  
PINS Date: Sep 27, 2019 | Public Review Date: Jan 24, 2020 | Final Action Date: Mar 19, 2020 | [Approved](#)
- ▶ ANSI/IES LM-45-2020, Approved Method: Electrical and Photometric Measurement of General Service Incandescent Filament Lamps (new standard)  
PINS Date: Sep 27, 2019 | Public Review Date: Nov 22, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)
- ▶ ANSI/IES LM-46-2020, Approved Method: Photometric Testing of Indoor Luminaires Using High Intensity Discharge or Incandescent Filament Lamps. (new standard)  
PINS Date: Feb 15, 2019 | Public Review Date: Sep 27, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)
- ▶ ANSI/IES LM-47-2020, Approved Method: Life Testing of High Intensity Discharge (HID) Lamps (new standard)  
PINS Date: Feb 2, 2018 | Public Review Date: Sep 27, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)
- ▶ ANSI/IES LM-48-2020, Approved Method: Testing the Calibration of Locking-Type Photoelectric Control Devices Used in Outdoor Applications (new standard)  
PINS Date: Jul 5, 2019 | Public Review Date: Jan 24, 2020 | Final Action Date: Mar 19, 2020 | [Approved](#)
- ▶ ANSI/IES LM-49-2020, Approved Method: Life Testing of Incandescent Filament Lamps (new standard)  
PINS Date: Feb 15, 2019 | Public Review Date: Sep 27, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)
- ▶ ANSI/IES LM-51-2020, Approved Method: Electrical and Photometric Measurement of High Intensity Discharge Lamps (new standard)  
PINS Date: Feb 15, 2019 | Public Review Date: Sep 27, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)
- ▶ ANSI/IES LM-54-2020, Approved Method: IES Guide to Lamp Seasoning (new standard)  
PINS Date: Feb 15, 2019 | Public Review Date: Nov 8, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)
- ▶ ANSI/IES LM-58-2020, Approved Method: Spectroradiometric Measurement Methods for Light Sources (new standard)  
PINS Date: Feb 15, 2019 | Public Review Date: Sep 27, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)
- ▶ ANSI/IES LM-61-2020, Approved Method: Identifying Operating Factors for Installed High Intensity Discharge Luminaires (new standard)  
PINS Date: Nov 22, 2019 | Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)
- ▶ ANSI/IES LM-62-2020, Approved Method: Guide for Laboratory or Field Measurements of Fluorescent Lamps and Ballasts in Luminaires (new standard)  
PINS Date: Sep 27, 2019 | Public Review Date: Dec 20, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)
- ▶ ANSI/IES LM-63-2020, Approved Method: Standard File Format for the Electronic Transfer of Photometric Data and Related Information (new standard)  
PINS Date: Feb 22, 2019 | Public Review Date: Jul 5, 2019 | Final Action Date: Jan 6, 2020 | [Approved](#)
- ▶ ANSI/IES LM-65-2020, Approved Method: Life Testing of Single-Based Fluorescent Lamps (new standard)  
PINS Date: Sep 27, 2019 | Public Review Date: Dec 20, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

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- ▶ ANSI/IES LM-66-2020, Approved Method: Electrical and Photometric Measurements of Single-Based Fluorescent Lamps (new standard)  
PINS Date: Nov 22, 2019 | Public Review Date: Jan 24, 2020 | Final Action Date: Mar 23, 2020 | [Approved](#)

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- ▶ ANSI/IES LM-72-2020, Approved Method: Directional Positioning of Photometric Data (new standard)  
PINS Date: Nov 8, 2019 | Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/IES LM-73-2004 (R2017), Approved Method for Photometric Testing of Entertainment Lighting Luminaires Using Incandescent Filament Lamps or High Intensity Discharge Lamps (reaffirmation of ANSI/IESNA LM-73-2004 (R2009))  
PINS Date: Nov 7, 2014 | Public Review Date: Nov 11, 2016 | Final Action Date: Apr 16, 2018 | [Approved](#)

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- ▶ ANSI/IES LM-75-2019, Approved Method: IES Guide to Goniometer Measurements and Types, and Photometric Coordinate Systems (new standard)  
PINS Date: Feb 15, 2019 | Public Review Date: Jun 14, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ ANSI/IES LM-77-2020, Approved Method: Intensity Distribution Measurement of Luminaires and Lamps using Digital Screen Imaging Photometry (new standard)  
PINS Date: Feb 15, 2019 | Public Review Date: Nov 8, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

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- ▶ ANSI/IES LM-78-2020, Approved Method: Total Luminous Flux Measurement of Lamps using an Integrating Sphere Photometer (new standard)  
PINS Date: Feb 15, 2019 | Public Review Date: Jul 19, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

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- ▶ ANSI/IES LM-79-2019, IES Approved Method: Optical and Electrical Measurements of Solid-State Lighting Products (new standard)  
PINS Date: Dec 4, 2015 | Public Review Date: Mar 15, 2019 | Final Action Date: May 14, 2019 | [Approved](#)

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- ▶ ANSI/IES LM-80-2021, Approved Method: Measuring Maintenance of Light Output Characteristics of Solid-State Light Sources (revision of ANSI/IES LM-80-2017 (R2020))  
Public Review Date: Jun 18, 2021 | Final Action Date: Aug 6, 2021 | [Approved](#)

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- ▶ ANSI/IES LM-81-2020, Approved Method: Photometric Testing of Skylights and Tubular Daylighting Devices under Hemispherical Sky Conditions (new standard)  
PINS Date: Sep 27, 2019 | Public Review Date: Dec 20, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

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- ▶ ANSI/IES LM-82-2020, IES Approved Method for the Characterization of Optical and Electrical Properties of Solid-State Lighting Products as a Function of Temperature (new standard)  
PINS Date: Mar 15, 2019 | Public Review Date: Nov 8, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

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- ▶ ANSI/IES LM-84-2020, Approved Method: Measuring Luminous, Radiant, and Photon Flux; and Color and Aspects of Spectral Maintenance of LED Lamps, Light Engines, and Luminaires (new standard)  
PINS Date: Mar 15, 2019 | Public Review Date: Jan 24, 2020 | Final Action Date: Mar 23, 2020 | [Approved](#)

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- ▶ ANSI/IES LM-85-2020, Approved Method: Optical and Electrical Measurements of LED Packages and LED Arrays (new standard)  
PINS Date: Sep 20, 2019 | Public Review Date: Dec 20, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

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- ▶ ANSI/IES LM-86-2020, Approved Method: Measuring Luminous Flux and Color Maintenance of Remote Phosphor Components (new standard)  
PINS Date: Sep 27, 2019 | Public Review Date: Dec 20, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

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- ▶ ANSI/IES LM-88-2018, Approved Method: Optical and Electrical Measurements of AC-LED Packages and Arrays or Modules (new standard)  
PINS Date: Dec 4, 2015 | Public Review Date: Nov 10, 2017 | Final Action Date: Sep 6, 2018 | [Approved](#)

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**IES (Illuminating Engineering Society)**

- ▶ ANSI/IES LM-9-2020, Approved Method: Electrical and Photometric Measurement of Fluorescent Lamps (new standard)  
PINS Date: Feb 15, 2019 | Public Review Date: Jul 5, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

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- ▶ ANSI/IES LM-90-2020, IES Approved Method: Measuring and Quantifying Temporal Light Artifacts (TLA) (new standard)  
PINS Date: Jan 4, 2019 | Public Review Date: Nov 1, 2019 | Final Action Date: Jun 18, 2020 | [Approved](#)

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- ▶ ANSI/IES LM-91 (C303)-2022, IES (Guide to) Approved Method: Application Distance Specific Radiometry (new standard)  
PINS Date: Jan 18, 2019 | Public Review Date: Dec 17, 2021 | Final Action Date: Feb 8, 2022 | [Approved](#)

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- ▶ ANSI/IES LM-93-2022, Approved Method: Optical and Electrical Measurements of Far UV-C Excimer Sources (new standard)  
PINS Date: May 27, 2022 | Public Review Date: Sep 2, 2022 | Final Action Date: Oct 24, 2022 | [Approved](#)

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- ▶ ANSI/IES LP-1-2020, IES Lighting Practice: Designing Quality Lighting for People and Buildings (new standard)  
PINS Date: Apr 26, 2019 | Public Review Date: Jun 14, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

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- ▶ ANSI/IES LP-10-2020, Lighting Practice: Sustainable Lighting - An Introduction to the Environmental Impacts of Lighting (new standard)  
PINS Date: Jul 5, 2019 | Public Review Date: Sep 27, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

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- ▶ ANSI/IES LP-11-2020, Lighting Practice: Environmental Considerations for Outdoor Lighting (new standard)  
PINS Date: Sep 27, 2019 | Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/IES LP-12-2021, Lighting Practice: IoT Connected Lighting (new standard)  
PINS Date: Feb 15, 2019 | Public Review Date: Apr 9, 2021 | Final Action Date: May 27, 2021 | [Approved](#)

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- ▶ ANSI/IES LP-13-2021, Lighting Practice: Introduction to Resilient Lighting (new standard)  
PINS Date: Apr 9, 2021 | Public Review Date: Sep 10, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/IES LP-16-2022, Lighting Practice: Documenting Control Intent Narratives and Sequence of Operations (new standard)  
PINS Date: Nov 15, 2019 | Public Review Date: Mar 11, 2022 | Final Action Date: Jun 10, 2022 | [Approved](#)

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- ▶ ANSI/IES LP-2-2020, Lighting Practice: Designing Quality Lighting for People in Outdoor Environments (new standard)  
PINS Date: Jan 4, 2019 | Public Review Date: Nov 8, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

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- ▶ ANSI/IES LP-3-2020, Lighting Practice: Designing and Specifying Daylighting for Buildings (new standard)  
PINS Date: Jun 14, 2019 | Public Review Date: May 1, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)

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- ▶ ANSI/IES LP-4-2020, Lighting Practice: Electric Light Sources - Properties, Selection and Specification (new standard)  
PINS Date: Jun 14, 2019 | Public Review Date: Sep 27, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

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- ▶ ANSI/IES LP-6-2020, Lighting Practice: Lighting Control Systems - Properties, Equipment and Specification (new standard)  
PINS Date: Sep 27, 2019 | Public Review Date: Mar 6, 2020 | Final Action Date: May 28, 2020 | [Approved](#)

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- ▶ ANSI/IES LP-7-2020, Lighting Practice: The Lighting Design and Construction Process (new standard)  
PINS Date: Nov 8, 2019 | Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/IES LP-8-2020, Lighting Practice: The Commissioning Process Applied to Lighting and Control Systems (new standard)  
PINS Date: Jul 5, 2019 | Public Review Date: Jan 24, 2020 | Final Action Date: Mar 13, 2020 | [Approved](#)

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**IES (Illuminating Engineering Society)**

- ▶ ANSI/IES LP-9-2020, Lighting Practice: Upgrading Lighting Systems in Commercial and Institutional Facilities (new standard)  
PINS Date: Jul 5, 2019 | Public Review Date: Sep 27, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

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- ▶ ANSI/IES LS 1-2020, Nomenclature and Definitions for Illuminating Engineering (revision, redesignation and consolidation of ANSI/IES RP-16-2017, ANSI/IES RP-16-2017, Addendum 1-2018, ANSI/IES RP-16-2017, Addendum 2-2019, ANSI/IES RP-16-2017, Addendum 3-2019, ANSI/IES RP-16-2017, Addendum 4-2020)  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 24, 2020 | [Approved](#)

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- ▶ ANSI/IES LS-1-22-2022, Lighting Science: Nomenclature & Definitions (revision of ANSI/IES LS 1-2020)  
Public Review Date: Jul 29, 2022 | Final Action Date: Sep 2, 2022 | [Approved](#)

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- ▶ ANSI/IES LS-2-2020, Lighting Science: Concepts and Language of Lighting (new standard)  
PINS Date: Mar 1, 2019 | Public Review Date: Jul 5, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

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- ▶ ANSI/IES LS-3-2020, Lighting Science: Physics and Optics of Radiant Power (new standard)  
PINS Date: Jul 5, 2019 | Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/IES LS-4-2020, Lighting Science: Measurement of Light: The Science of Photometry (new standard)  
PINS Date: Jul 5, 2019 | Public Review Date: Jan 24, 2020 | Final Action Date: Mar 13, 2020 | [Approved](#)

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- ▶ ANSI/IES LS-5-2021, Lighting Science: Color (new standard)  
PINS Date: Feb 15, 2019 | Public Review Date: Mar 27, 2020 | Final Action Date: Jan 11, 2021 | [Approved](#)

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- ▶ ANSI/IES LS-6-2020, Lighting Science: Calculation of Light and Its Effects (new standard)  
PINS Date: Jul 5, 2019 | Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/IES LS-7-2020, Lighting Science: Vision - Eye and Brain (new standard)  
PINS Date: Jul 5, 2019 | Public Review Date: Nov 8, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

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- ▶ ANSI/IES LS-8-2020, Lighting Science: Vision - Perceptions and Performance (new standard)  
PINS Date: Sep 27, 2019 | Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/IES RP-1-22-2022, Recommended Practice: Lighting Office Spaces - Home Office Lighting (revision of ANSI/IES RP-1-2020)  
Public Review Date: May 20, 2022 | Final Action Date: Oct 14, 2022 | [Approved](#)

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- ▶ ANSI/IES RP-10-2020, Recommended Practice: Lighting Common Applications (new standard)  
PINS Date: Nov 8, 2019 | Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/IES RP-2-2020, Recommended Practice: Lighting Retail Spaces (new standard)  
PINS Date: Jun 28, 2019 | Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/IES RP-27-2020, Recommended Practice: Photobiological Safety for Lighting Systems (revision, redesignation and consolidation of ANSI/IESNA RP-27.1-2015, ANSI/IESNA RP-27.2-2000 (R2010), ANSI/IES RP-27.3-2017)  
PINS Date: Dec 6, 2019 | Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)

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- ▶ ANSI/IES RP-27.1-2022, Recommended Practice: Risk Group Classification and Minimization of Photobiological Hazards from Ultraviolet Lamps and Lamp Systems (new standard)  
PINS Date: May 1, 2020 | Public Review Date: Sep 2, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/IES RP-28-2020, Recommended Practice: Lighting and the Visual Environment for Older Adults and the Visually Impaired (revision of ANSI/IES RP-28-2016)  
PINS Date: Jul 26, 2019 | Public Review Date: Nov 8, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

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**IES (Illuminating Engineering Society)**

- ▶ ANSI/IES RP-29-2020, Recommended Practice: Lighting Hospital and Healthcare Facilities (revision of ANSI/IES RP-29-2016)  
PINS Date: Jun 28, 2019 | Public Review Date: Nov 8, 2019 | Final Action Date: Mar 23, 2020 | [Approved](#)
- ▶ ANSI/IES RP-29-2022, Recommended Practice: Lighting Hospitals and Healthcare Facilities (revision of ANSI/IES RP-29-2020)  
Public Review Date: Sep 2, 2022 | Final Action Date: Nov 3, 2022 | [Approved](#)
- ▶ ANSI/IES RP-3-2020, Recommended Practice: Lighting Educational Facilities (revision of ANSI/IESNA RP-3-2013)  
PINS Date: Jul 28, 2017 | Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)
- ▶ ANSI/IES RP-30-2016, Recommended Practice for Museum Lighting (revision of ANSI/IESNA RP-30-1996 (R2008))  
PINS Date: Nov 7, 2014 | Public Review Date: Oct 14, 2016 | Final Action Date: Jan 30, 2017 | [Approved](#)
- ▶ ANSI/IES RP-30-2020, Recommended Practice: Lighting Museums (revision of ANSI/IES RP-30-16)  
PINS Date: Jun 28, 2019 | Public Review Date: Jan 24, 2020 | Final Action Date: Mar 20, 2020 | [Approved](#)
- ▶ ANSI/IES RP-31-2020, Recommended Practice: Economic Analysis of Lighting (new standard)  
PINS Date: Nov 8, 2019 | Public Review Date: Mar 6, 2020 | Final Action Date: Apr 21, 2020 | [Approved](#)
- ▶ ANSI/IES RP-37-2022, Recommended Practice: Lighting Airport Environments (revision of ANSI/IES RP-37-2020)  
Public Review Date: Oct 14, 2022 | Final Action Date: Dec 8, 2022 | [Approved](#)
- ▶ ANSI/IES RP-38-2017 (R2022), Recommended Practice: Lighting Performance for Small to Medium Sized VideoConferencing Rooms (reaffirmation of ANSI/IES RP-38-2017)  
Public Review Date: Apr 29, 2022 | Final Action Date: Jul 22, 2022 | [Approved](#)
- ▶ ANSI/IES RP-39-2019, Recommended Practice: Off Roadway Sign Luminance (new standard)  
PINS Date: Dec 28, 2018 | Public Review Date: Feb 15, 2019 | Final Action Date: Apr 9, 2019 | [Approved](#)
- ▶ ANSI/IES RP-4-2020, Recommended Practice: Lighting Library Spaces (new standard)  
PINS Date: Jan 24, 2020 | Public Review Date: Apr 3, 2020 | Final Action Date: May 21, 2020 | [Approved](#)
- ▶ ANSI/IES RP-40-2019, Recommended Practice: Lighting Port Terminals (new standard)  
PINS Date: Aug 26, 2016 | Public Review Date: Sep 27, 2019 | Final Action Date: Dec 17, 2019 | [Approved](#)
- ▶ ANSI/IES RP-41-2020, Recommended Practice: Lighting Theatre and Auditorium Spaces (new standard)  
PINS Date: Feb 15, 2019 | Public Review Date: Jan 24, 2020 | Final Action Date: Mar 23, 2020 | [Approved](#)
- ▶ ANSI/IES RP-42-2020, Recommended Practice: Dimming and Control Method Designations (new standard)  
PINS Date: Nov 8, 2019 | Public Review Date: Mar 6, 2020 | Final Action Date: May 29, 2020 | [Approved](#)
- ▶ ANSI/IES RP-43-2022, Recommended Practice: Lighting Exterior Applications (illuminance table only) (new standard)  
PINS Date: Feb 7, 2020 | Public Review Date: Mar 11, 2022 | Final Action Date: May 31, 2022 | [Approved](#)
- ▶ ANSI/IES RP-44-2021, Recommended Practice: Ultraviolet Germicidal Irradiation (UVGI) (new standard)  
PINS Date: Mar 12, 2021 | Public Review Date: May 7, 2021 | Final Action Date: Jul 1, 2021 | [Approved](#)
- ▶ ANSI/IES RP-45-2021, Recommended Practice: Horticultural Lighting (new standard)  
PINS Date: Jul 19, 2019 | Public Review Date: Jul 23, 2021 | Final Action Date: Sep 17, 2021 | [Approved](#)
- ▶ ANSI/IES RP-6-2022, Recommended Practice: Lighting Sports and Recreational Areas - Bullpen Lighting (revision of ANSI/IES RP-6-2020)  
Public Review Date: May 20, 2022 | Final Action Date: Jul 11, 2022 | [Approved](#)

**IES (Illuminating Engineering Society)**

- ▶ ANSI/IES RP-7-2017, Recommended Practice for Lighting Industrial Facilities (revision and redesignation of ANSI/IESNA RP-7-2012)  
PINS Date: Aug 19, 2016 | Public Review Date: Jan 27, 2017 | Final Action Date: Jul 13, 2017 | [Approved](#)

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- ▶ ANSI/IES RP-7-2020, Recommended Practice: Lighting Industrial Facilities (revision of ANSI/IES RP-7-2017)  
Public Review Date: Nov 8, 2019 | Final Action Date: Mar 23, 2020 | [Approved](#)

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- ▶ ANSI/IES RP-7-2021, Recommended Practice: Lighting Industrial Facilities (addenda to ANSI/IES RP-7-2020)  
Public Review Date: Feb 5, 2021 | Final Action Date: Mar 25, 2021 | [Approved](#)

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- ▶ ANSI/IES RP-8 Addendum 1-2020, Recommended Practice for Design and Maintenance of Roadway and Parking Facility Lighting (addenda to ANSI/IES RP-8-2018)  
Public Review Date: Nov 8, 2019 | Final Action Date: Jan 16, 2020 | [Approved](#)

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- ▶ ANSI/IES RP-8-2018, Recommended Practice for Design and Maintenance of Roadway and Parking Facility Lighting (revision, redesignation and consolidation of ANSI/IES RP-8-2014, ANSI/IES RP-8-2018, Add 1, ANSI/IES RP-22-2018, ANSI/IES DG-28-2015)  
PINS Date: Sep 2, 2016 | Public Review Date: Jun 8, 2018 | Final Action Date: Sep 20, 2018 | [Approved](#)

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- ▶ ANSI/IES RP-8-2021, Recommended Practice: Design and Maintenance of Roadway and Parking Facility Lighting (revision of ANSI/IES RP-8-2018)  
Public Review Date: Sep 10, 2021 | Final Action Date: Nov 18, 2021 | [Approved](#)

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- ▶ ANSI/IES RP-8-2022, Recommended Practice: Lighting Roadway and Parking Facilities (revision of ANSI/IES RP-8-2018)  
Public Review Date: Jul 29, 2022 | Final Action Date: Sep 16, 2022 | [Approved](#)

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- ▶ ANSI/IES RP-9-2023, Recommended Practice: Lighting Hospitality Spaces (revision of ANSI/IES RP-9-2020)  
Public Review Date: Nov 25, 2022 | Final Action Date: Jan 24, 2023 | [Approved](#)

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- ▶ ANSI/IES TM-15-2020, Approved Method: Luminaire Classification System for Outdoor Luminaires (new standard)  
PINS Date: Feb 15, 2019 | Public Review Date: Apr 3, 2020 | Final Action Date: May 21, 2020 | [Approved](#)

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- ▶ ANSI/IES TM-21-2019, IES Approved Method: Projecting Long Term Lumen, Photon and Radiant Flux Maintenance of LED Light Sources (new standard)  
PINS Date: Mar 15, 2019 | Public Review Date: Jun 14, 2019 | Final Action Date: Oct 28, 2019 | [Approved](#)

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- ▶ ANSI/IES TM-21-2021, Technical Memorandum: Projecting Long-Term Lumen, Photon, and Radiant Flux Maintenance of LED Light Sources (revision of ANSI/IES TM-21-2019)  
Public Review Date: Jun 18, 2021 | Final Action Date: Aug 6, 2021 | [Approved](#)

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- ▶ ANSI/IES TM-23-2017, Lighting Control Protocols (new standard)  
PINS Date: Aug 19, 2016 | Public Review Date: Jul 14, 2017 | Final Action Date: Oct 27, 2017 | [Approved](#)

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- ▶ ANSI/IES TM-24-2020, Lighting Science: An Optional Method for Adjusting the Recommended Illuminance for Visually Demanding Tasks within IES Illuminance Categories P through Y Based on Light Source Spectrum (new standard)  
PINS Date: Jul 5, 2019 | Public Review Date: Mar 27, 2020 | Final Action Date: May 28, 2020 | [Approved](#)

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- ▶ ANSI/IES TM-25-2020, Ray File Format for the Description of the Emission Property of Light Sources (new standard)  
PINS Date: Sep 13, 2019 | Public Review Date: Oct 18, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

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- ▶ ANSI/IES TM-26-2020, Technical Memorandum: Projecting Catastrophic Failure Rate of LED Packages (new standard)  
PINS Date: Jul 5, 2019 | Public Review Date: Mar 6, 2020 | Final Action Date: Apr 23, 2020 | [Approved](#)

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**IES (Illuminating Engineering Society)**

- ▶ ANSI/IES TM-27-2020, Technical Memorandum: IES Standard Format for the Electronic Transfer of Spectral Data (new standard)  
PINS Date: Jul 5, 2019 | Public Review Date: Sep 27, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)
- ▶ ANSI/IES TM-28-2020, Technical Memorandum: Projecting Long-Term Luminous Flux Maintenance of LED Lamps and Luminares (new standard)  
PINS Date: Nov 8, 2019 | Public Review Date: Mar 6, 2020 | Final Action Date: Apr 23, 2020 | [Approved](#)
- ▶ ANSI/IES TM-30-18 Addendum 1-2019, IES Method for Evaluating Light Sources Color Rendition (addenda to ANSI/IES TM-30-2018)  
PINS Date: Apr 27, 2018 | Public Review Date: Jul 26, 2019 | Final Action Date: Sep 23, 2019 | [Approved](#)
- ▶ ANSI/IES TM-30-2018, IES Method for Evaluating Light Source Color Rendition (new standard)  
PINS Date: Dec 29, 2017 | Public Review Date: Mar 16, 2018 | Final Action Date: Jul 27, 2018 | [Approved](#)
- ▶ ANSI/IES TM-31-2020, Approved Method: Measurement Uncertainty for Lighting Equipment Calibration Using Integrating Spheres (new standard)  
PINS Date: Jul 5, 2019 | Public Review Date: Sep 27, 2019 | Final Action Date: Feb 25, 2020 | [Approved](#)
- ▶ ANSI/IES TM-32-2019, Lighting Practice: Building Information Management (new standard)  
PINS Date: Feb 15, 2019 | Public Review Date: Jul 19, 2019 | Final Action Date: Nov 8, 2019 | [Approved](#)
- ▶ ANSI/IES TM-33-2018, Standard Format for the Electronic Transfer of Luminaire Optical Data (new standard)  
PINS Date: Nov 24, 2017 | Public Review Date: May 4, 2018 | Final Action Date: Sep 20, 2018 | [Approved](#)
- ▶ ANSI/IES TM-35-2019, Technical Memorandum: Projecting Long-Term Chromaticity Coordinate Shift of LED Packages, Arrays, and Modules (new standard)  
PINS Date: Mar 2, 2018 | Public Review Date: Sep 27, 2019 | Final Action Date: Nov 19, 2019 | [Approved](#)
- ▶ ANSI/IES TM-37-2021, Technical Memorandum: Description, Measurement, and Estimation of Sky Glow (new standard)  
PINS Date: Feb 15, 2019 | Public Review Date: Jul 23, 2021 | Final Action Date: Sep 17, 2021 | [Approved](#)
- ▶ ANSI/IES TM-38-2021, Technical Memorandum for Recommendations for Measuring Tunable White Solid-State Lighting Products (new standard)  
PINS Date: Dec 1, 2017 | Public Review Date: Sep 10, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)
- ▶ ANSI/IES/ALA RP-11-2020, Lighting for Interior and Exterior Residential Environments (revision of ANSI/IES/ALA RP-11-2017)  
PINS Date: Nov 8, 2019 | Public Review Date: Mar 6, 2020 | Final Action Date: Apr 23, 2020 | [Approved](#)
- ▶ ANSI/IES/IUVA LM-92-2022, Approved Method: Optical and Electrical Measurement of Ultraviolet LEDs (new standard)  
PINS Date: May 15, 2020 | Public Review Date: Dec 17, 2021 | Final Action Date: Mar 10, 2022 | [Approved](#)
- ▶ ANSI/IES/NALMCO RP-36-2020, Recommended Practice: Lighting Maintenance (new standard)  
PINS Date: Sep 27, 2019 | Public Review Date: Dec 20, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

**IEST (Institute of Environmental Sciences and Technology)**

1827 Walden Office Square, Suite 400, Schaumburg, IL 60173 | w: [wwwiest.org](http://wwwiest.org)

- ▶ ANSI/IEST/ISO 14644-1-2015, Cleanrooms and associated controlled environments - Part 1: Classification of air cleanliness by particle concentration (identical national adoption of ISO 14644-1:20XX and revision of ANSI/IEST/ISO 14644-1-1999)  
PINS Date: Aug 21, 2015 | Public Review Date: Sep 18, 2015 | Final Action Date: Dec 22, 2015 | [Approved](#)

**IEST (Institute of Environmental Sciences and Technology)**

- ▶ ANSI/IEST/ISO 14644-12-2018, Cleanrooms and associated controlled environments Part 12: Specifications for monitoring air cleanliness by nanoscale particle concentration (identical national adoption of ISO 14644-12:2018)  
PINS Date: Jul 13, 2018 | Public Review Date: Aug 24, 2018 | Final Action Date: Oct 18, 2018 | [Approved](#)
- ▶ ANSI/IEST/ISO 14644-16-2019, Cleanrooms and associated controlled environments — Part 16: Energy efficiency in cleanrooms and clean air devices (identical national adoption of ISO 14644-16:2019)  
PINS Date: Mar 22, 2019 | Public Review Date: Apr 26, 2019 | Final Action Date: Jun 21, 2019 | [Approved](#)
- ▶ ANSI/IEST/ISO 14644-2-2015, Cleanrooms and associated controlled environments - Part 2: Monitoring to provide evidence of cleanroom performance related to air cleanliness by particle concentration (identical national adoption of ISO 14644-2:20XX and revision of ANSI/IEST/ISO 14644-2-2000)  
PINS Date: Aug 21, 2015 | Public Review Date: Sep 18, 2015 | Final Action Date: Dec 22, 2015 | [Approved](#)
- ▶ ANSI/IEST/ISO 14644-3-2005, Cleanrooms and associated controlled environments - Part 3: Test methods (identical national adoption of ISO 14644-3)  
Public Review Date: Jan 27, 2006 | Final Action Date: Mar 24, 2006 | [Approved](#)
- ▶ ANSI/IEST/ISO 14644-4-2001, Cleanrooms and associated controlled environments-Part 4: Design, construction and start-up (identical national adoption of ISO 14644-4)  
Public Review Date: Dec 20, 2002 | Final Action Date: Jul 29, 2003 | [Approved](#)
- ▶ ANSI/IEST/ISO 14644-4-2023, Part 4: Design, construction, and start-up (identical national adoption of ISO 14644-4)  
PINS Date: Oct 7, 2022 | Public Review Date: Nov 18, 2022 | Final Action Date: Jan 13, 2023 | [Approved](#)
- ▶ ANSI/IEST/ISO 14644-5-2004, Cleanrooms and associated controlled environments-Part 5: Operations (identical national adoption of ISO 14644-5-)  
Public Review Date: Dec 16, 2005 | Final Action Date: Feb 28, 2006 | [Approved](#)
- ▶ ANSI/IEST/ISO 14644-7-2004, Cleanrooms and associated controlled environments-Part 7: Separative devices (clean air hoods, gloveboxes, isolators and minienvironments (identical national adoption of ISO 14644-7)  
Public Review Date: Dec 16, 2005 | Final Action Date: Feb 28, 2006 | [Approved](#)
- ▶ ANSI/IEST/ISO 14644-8-2006, Cleanrooms and associated controlled environments - Part 8: Classification of airborne molecular contamination (identical national adoption of ISO 14644-8)  
Public Review Date: Sep 15, 2006 | Final Action Date: Nov 17, 2006 | [Approved](#)
- ▶ ANSI/ISO 14644-9-2012, Cleanrooms and associated controlled environments -- Part 9: Classification of surface cleanliness by particle concentration (identical national adoption of ISO 14644-9)  
PINS Date: Jun 15, 2012 | Public Review Date: Jan 3, 2020 | Final Action Date: Feb 24, 2020 | [Approved](#)

**IIAR (International Institute of Ammonia Refrigeration)**

1001 N. Fairfax Street, Suite 503, Alexandria, VA 22314-1797 | w: [www.iiar.org](http://www.iiar.org)

- ▶ ANSI/IIAR 1-2022, Definitions and Terminology Used in IIAR Standards (revision of ANSI/IIAR 1-2017)  
PINS Date: Jan 8, 2021 | Public Review Date: Sep 2, 2022 | Final Action Date: Oct 31, 2022 | [Approved](#)
- ▶ ANSI/IIAR 2-2014 Addendum A-2019, Standard for the Safe Design of Closed-Circuit Ammonia Refrigeration Systems (addenda to ANSI/IIAR 2-2014)  
PINS Date: Feb 10, 2017 | Public Review Date: Feb 8, 2019 | Final Action Date: Jun 5, 2019 | [Approved](#)
- ▶ ANSI/IIAR 2-2021, Standard for the Design of Safe Ammonia Refrigeration Systems (revision of ANSI/IIAR 2-2014)  
PINS Date: Aug 9, 2019 | Public Review Date: Mar 19, 2021 | Final Action Date: Jul 8, 2021 | [Approved](#)
- ▶ ANSI/IIAR 3-2022, Ammonia Refrigeration Valves (revision of ANSI/IIAR 3-2017)  
PINS Date: Jan 8, 2021 | Public Review Date: Mar 25, 2022 | Final Action Date: Jul 11, 2022 | [Approved](#)

**IIAR (International Institute of Ammonia Refrigeration)**

- ▶ ANSI/IIAR 4-2020, Installation of Closed-Circuit Ammonia Refrigeration Systems (revision of ANSI/IIAR 4-2015)  
PINS Date: Feb 1, 2019 | Public Review Date: Sep 25, 2020 | Final Action Date: Nov 12, 2020 | [Approved](#)
- ▶ ANSI/IIAR 5-2019, Startup of Closed-Circuit Ammonia Refrigeration Systems (revision of ANSI/IIAR 5-2013)  
PINS Date: Jun 23, 2017 | Public Review Date: Jul 5, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)
- ▶ ANSI/IIAR 6-2019, Standard for Inspection, Testing, and Maintenance of Closed-Circuit Ammonia Refrigeration Systems (new standard)  
PINS Date: Feb 29, 2008 | Public Review Date: Feb 15, 2019 | Final Action Date: Apr 16, 2019 | [Approved](#)
- ▶ ANSI/IIAR 7-2019, Developing Operating Procedures for Closed-Circuit Ammonia Refrigeration Systems (revision of ANSI/IIAR 7-2013)  
PINS Date: Jun 23, 2017 | Public Review Date: Oct 5, 2018 | Final Action Date: Apr 16, 2019 | [Approved](#)
- ▶ ANSI/IIAR 8-2020, Decommissioning of Closed-Circuit Ammonia Refrigeration Systems (revision of ANSI/IIAR 8-2015)  
PINS Date: Feb 1, 2019 | Public Review Date: Sep 25, 2020 | Final Action Date: Nov 12, 2020 | [Approved](#)
- ▶ ANSI/IIAR 9-2020, Standard for Minimum System Safety Requirements for Existing Closed-Circuit Ammonia Refrigeration Systems (new standard)  
PINS Date: Oct 2, 2015 | Public Review Date: Sep 20, 2019 | Final Action Date: Mar 3, 2020 | [Approved](#)
- ▶ ANSI/IIAR CO2-2021, Safety Standard for Closed-Circuit Carbon Dioxide Refrigeration Systems (new standard)  
PINS Date: Oct 30, 2015 | Public Review Date: Feb 12, 2021 | Final Action Date: Apr 13, 2021 | [Approved](#)

**IICRC (The Institute of Inspection, Cleaning and Restoration Certification)**

4043 South Eastern Avenue, Las Vegas, NV 89119 | w: <https://www.iicrc.org>

- ▶ ANSI/IICRC S100-2021, Standard for Professional Cleaning of Textile Floor Coverings (revision of ANSI/IICRC S100-2015)  
PINS Date: Feb 19, 2016 | Public Review Date: Feb 26, 2021 | Final Action Date: Apr 29, 2021 | [Approved](#)
- ▶ ANSI/IICRC S220-2020, Standard for Professional Inspection of Hard Surface Floor Coverings (new standard)  
PINS Date: Feb 22, 2013 | Public Review Date: Oct 16, 2020 | Final Action Date: Dec 3, 2020 | [Approved](#)
- ▶ ANSI/IICRC S500-2021, Standard for Professional Water Damage Restoration (revision of ANSI/IICRC S500-2015)  
PINS Date: Feb 19, 2016 | Public Review Date: Jan 10, 2020 | Final Action Date: Feb 25, 2021 | [Approved](#)
- ▶ ANSI/IICRC S520-2015, Standard for Professional Mold Remediation (new standard)  
PINS Date: Jan 27, 2012 | Public Review Date: Jun 28, 2019 | Final Action Date: Oct 6, 2015 | [Approved](#)
- ▶ ANSI/IICRC S540-2017, Standard for Trauma and Crime Scene Remediation (new standard)  
PINS Date: Apr 15, 2016 | Public Review Date: Jun 28, 2019 | Final Action Date: Mar 10, 2017 | [Approved](#)
- ▶ ANSI/IICRC S800-2013, Standard and Reference Guide for Professional Inspection of Textile Floor Coverings (new standard)  
PINS Date: Oct 15, 2010 | Public Review Date: Jan 25, 2013 | Final Action Date: Oct 18, 2013 | [Approved](#)

**IKECA (International Kitchen Exhaust Cleaning Association)**

2331 Rock Spring Road, Forest Hill, MD 21050 | w: [www.ikeca.org](http://www.ikeca.org)

- ▶ ANSI/IKECA C10-2021, Standard for the Methodology for Cleaning Commercial Kitchen Exhaust Systems (revision of ANSI/IKECA C10-2016)  
PINS Date: Feb 21, 2020 | Public Review Date: May 22, 2020 | Final Action Date: Nov 12, 2020 | [Approved](#)

**IKECA (International Kitchen Exhaust Cleaning Association)**

- ▶ ANSI/IKECA I10-2020, Standard for the Methodology for Inspection of Commercial Kitchen Exhaust Systems (revision of ANSI/IKECA I10-2015)

PINS Date: Jan 18, 2019 | Public Review Date: May 8, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)

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- ▶ ANSI/IKECA M-10-2019, Standard for the Methodology for Maintenance of Commercial Kitchen Exhaust Systems (new standard)

PINS Date: Jan 19, 2018 | Public Review Date: Jan 18, 2019 | Final Action Date: Sep 26, 2019 | [Approved](#)

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**INMM (ASC N14) (Institute of Nuclear Materials Management)**

11809 Yarnell Rd, Knoxville, TN 37932 | w: [www.inmm.org](http://www.inmm.org)

- ▶ ANSI N14.1-2019, Uranium Hexafluoride – Packagings for Transport (revision of ANSI N14.1-2012)

PINS Date: Feb 24, 2017 | Public Review Date: May 10, 2019 | Final Action Date: Dec 5, 2019 | [Approved](#)

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- ▶ ANSI N14.36-2020, Measurement of RadiaJon Level and Surface ContaminaJon for Packages and Conveyances (revision of ANSI N14.36-2013)

PINS Date: Jul 7, 2017 | Public Review Date: Feb 28, 2020 | Final Action Date: May 14, 2020 | [Approved](#)

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- ▶ ANSI N14.5-2022, Leakage Tests on Packages for Shipment (revision of ANSI N14.5-2014)

PINS Date: Sep 21, 2018 | Public Review Date: Feb 11, 2022 | Final Action Date: Nov 14, 2022 | [Approved](#)

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- ▶ ANSI N14.7-2021, Guidance for Packaging Type A Quantities of Radioactive Materials (revision of ANSI N14.7-2013) (revision of ANSI N14.7-2013)

PINS Date: Apr 21, 2017 | Public Review Date: May 7, 2021 | Final Action Date: Jul 20, 2021 | [Approved](#)

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**INMM (ASC N15) (Institute of Nuclear Materials Management)**

US Dept. Energy, HS-81/Germantown Bldg, 1000 Independence Ave, SW, Washington, DC 20585 | w: [www.inmm.org](http://www.inmm.org)

- ▶ ANSI N15.28-2021, Standard for Methods of Nuclear Material Control - Guide for Qualification and Certification of Safeguards andSecurity Personnel (new standard)

PINS Date: Nov 14, 2008 | Public Review Date: Mar 12, 2021 | Final Action Date: May 21, 2021 | [Approved](#)

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- ▶ ANSI N15.36-2021, Standard for Methods of Nuclear Material Control - Measurement Control Program - Nondestructive Assay (new standard)

PINS Date: Jan 15, 2016 | Public Review Date: Jun 18, 2021 | Final Action Date: Nov 5, 2021 | [Approved](#)

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- ▶ ANSI N15.51-2017, Standard for Methods of Nuclear Material Control; Measurement Control Program - Nuclear Materials Analytical Chemistry Laboratory (revision of ANSI N15.51-2007)

PINS Date: Jun 1, 2012 | Public Review Date: Sep 1, 2017 | Final Action Date: Oct 27, 2017 | [Approved](#)

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- ▶ ANSI N15.56-2014, Standard for Methods of Nuclear Material Control - Nondestructive Assay Program - Nondestructive Assay Measurements of Nuclear Material Holdup: General Provisions (new standard)

PINS Date: Nov 14, 2008 | Public Review Date: May 2, 2014 | Final Action Date: Oct 20, 2014 | [Approved](#)

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- ▶ ANSI N15.8-2009 (R2022), Standard for Methods of Nuclear Material Control - Material Control Systems - Special Nuclear Material Control and Accounting Systems for Nuclear Power Plants (reaffirmation of ANSI N15.8-2009 (R2015))

PINS Date: May 22, 2020 | Public Review Date: Jul 22, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)

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**IPC (IPC - Association Connecting Electronics Industries)**

3000 Lakeside Drive, Suite 105 N, Bannockburn, IL 60015 | w: [www.ipc.org](http://www.ipc.org)

- ▶ ANSI/IPC 9257-2020, Requirements for Electrical Testing of Flexible Printed Electronics (new standard)

PINS Date: Dec 6, 2019 | Public Review Date: Aug 21, 2020 | Final Action Date: Jan 6, 2022 | [Approved](#)

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**IREC (Interstate Renewable Energy Council, Inc.)**125 Wolf Road, Suite 207, Albany, NY 12205 | w: [www.irecusa.org](http://www.irecusa.org)

- ▶ ANSI/IREC 14732-2014, General Requirements for the Accreditation of Clean Energy Certificate Programs (new standard)  
PINS Date: Jan 3, 2014 | Public Review Date: Feb 28, 2014 | Final Action Date: Jun 18, 2014 | [Approved](#)

**IS&T (The Society for Imaging Science & Technology)**7003 Kilworth Lane, Springfield, VA 22151 | w: [www.imaging.org](http://www.imaging.org)

- ▶ ANSI/IS&T IT10.2000-2015, Photography - Digital still cameras - JPEG 2000 DSC profile (stabilized maintenance of ANSI/IS&T IT10.2000-2015)  
PINS Date: Aug 8, 2008 | Public Review Date: Jul 25, 2014 | Final Action Date: Jan 28, 2015 | [Approved](#)
- ▶ ANSI/IS&T IT10.7000-2015, Photography - Digital still cameras - Guidelines for reporting pixel-related specifications (new standard)  
PINS Date: Aug 8, 2008 | Public Review Date: Jul 25, 2014 | Final Action Date: Jan 28, 2015 | [Approved](#)

**ISA (ASC Z133) (International Society of Arboriculture)**270 Peachtree Street NW, Suite 1900, Atlanta, GA 30303 | w: [www.isa-arbor.com](http://www.isa-arbor.com)

- ▶ ANSI Z133-2017, Standard for Arboricultural Operations - Safety Requirements (revision of ANSI Z133-2012)  
PINS Date: Jan 18, 2013 | Public Review Date: Nov 18, 2016 | Final Action Date: Oct 5, 2017 | [Approved](#)

**ISA (Organization) (International Society of Automation)**3252 S. Miami Blvd, Suite 102, Durham, NC 27703 | w: [www.isa.org](http://www.isa.org)

- ▶ ANSI/ISA 100.11a-2011, Wireless Systems for Industrial Automation: Process Control and Related Applications (new standard)  
PINS Date: Jul 9, 2010 | Public Review Date: Dec 24, 2010 | Final Action Date: Dec 14, 2011 | [Approved](#)
- ▶ ANSI/ISA 101.01-2015, Human Machine Interfaces for Process Automation Systems (new standard)  
PINS Date: Dec 17, 2010 | Public Review Date: Mar 13, 2015 | Final Action Date: Jul 9, 2015 | [Approved](#)
- ▶ ANSI/ISA 107.01-2013, Industry Standard File Format for Revolution-Based Tip Timing Data (new standard)  
PINS Date: Aug 24, 2012 | Public Review Date: Sep 28, 2012 | Final Action Date: Jan 29, 2013 | [Approved](#)
- ▶ ANSI/ISA 18.2-2016, Management of alarm systems for the process industries (revision of ANSI/ISA 18.2-2009)  
PINS Date: Jul 25, 2014 | Public Review Date: Nov 20, 2015 | Final Action Date: Mar 17, 2016 | [Approved](#)
- ▶ ANSI/ISA 5.1-2022, Instrumentation Symbols and Identification (new standard)  
PINS Date: Oct 15, 2021 | Public Review Date: Dec 17, 2021 | Final Action Date: Mar 31, 2022 | [Approved](#)
- ▶ ANSI/ISA 50.00.01-1975 (R2017), Compatibility of Analog Signals for Electronic Industrial Process Instruments (reaffirmation of ANSI/ISA 50.00.01-1975 (R2012))  
Public Review Date: Apr 28, 2017 | Final Action Date: Dec 21, 2017 | [Approved](#)
- ▶ ANSI/ISA 61511-1-2018, Functional safety - Safety instrumented systems for the process industry sector - Part 1: Framework, definitions, system, hardware and software requirements (identical national adoption of IEC 61511-1 Ed. 2.0)  
PINS Date: Apr 15, 2016 | Public Review Date: Oct 27, 2017 | Final Action Date: Jul 11, 2018 | [Approved](#)
- ▶ ANSI/ISA 61511-2-2018, Functional safety - Safety instrumented systems for the process industry sector - Part 2: Guidelines for the application of IEC-61511-1 (identical national adoption of IEC 61511-2 Ed. 2.0)  
PINS Date: Sep 16, 2016 | Public Review Date: Oct 27, 2017 | Final Action Date: Jul 11, 2018 | [Approved](#)

**ISA (Organization) (International Society of Automation)**

- ▶ ANSI/ISA 61511-3 (84.00.01)-2018, Functional safety - Safety instrumented systems for the process industry sector - Part 3: Guidance for the determination of the required safety integrity levels (identical national adoption of IEC 61511-3 Ed. 2.0)  
PINS Date: Sep 16, 2016 | Public Review Date: Dec 23, 2016 | Final Action Date: Apr 17, 2018 | [Approved](#)

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- ▶ ANSI/ISA 61804-3-2016, Functions Blocks (FB)for process control and Electric Device Description Language (EDDL) - Part 3: EDDL Syntax and semantics (identical national adoption of IEC 61804-3:2015)  
PINS Date: Oct 2, 2015 | Public Review Date: Nov 20, 2015 | Final Action Date: Mar 21, 2016 | [Approved](#)

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- ▶ ANSI/ISA 61804-4-2016, Functions Blocks (FB)for process control and Electric Device Description Language (EDDL) - Part 4: EDD interpretation (identical national adoption of IEC 61804-4:2015)  
PINS Date: Oct 2, 2015 | Public Review Date: Nov 20, 2015 | Final Action Date: Mar 21, 2016 | [Approved](#)

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- ▶ ANSI/ISA 61804-5-2016, Functions Blocks (FB)for process control and Electric Device Description Language (EDDL) - Part 5: EDDL Builtin library (identical national adoption of IEC 61804-5:2015)  
PINS Date: Oct 2, 2015 | Public Review Date: Nov 20, 2015 | Final Action Date: Mar 21, 2016 | [Approved](#)

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- ▶ ANSI/ISA 62381-2012, Automation Systems in the Process Industry - Factory Acceptance Test (FAT), Site Acceptance Test (SAT), and Site Integration Test (SIT) (national adoption with modifications of ISO 62381)  
PINS Date: Apr 3, 2009 | Public Review Date: Sep 16, 2011 | Final Action Date: Jan 31, 2012 | [Approved](#)

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- ▶ ANSI/ISA 62382-2012, Control Systems in the Process Industry - Electrical and Instrumentation Loop Check (national adoption with modifications of IEC 62382)  
PINS Date: Jan 2, 2009 | Public Review Date: Mar 23, 2012 | Final Action Date: Jun 5, 2012 | [Approved](#)

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- ▶ ANSI/ISA 62443-2-4-2018, Security for Industrial Automation and Control Systems Part 2-4: Security program requirements for IACS service providers (identical national adoption of IEC 62443-2-4)  
PINS Date: Apr 29, 2016 | Public Review Date: Mar 9, 2018 | Final Action Date: Jul 13, 2018 | [Approved](#)

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- ▶ ANSI/ISA 62443-3 (99.03.03)-2013, Security for industrial automation and control systems - Part 3-3: System security requirements and security levels (new standard)  
PINS Date: Jul 9, 2010 | Public Review Date: Feb 8, 2013 | Final Action Date: Aug 12, 2013 | [Approved](#)

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- ▶ ANSI/ISA 62443-3-2-2020, Security for industrial automation and control systems, Part 32: Security risk assessment and system design (new standard)  
PINS Date: Jul 9, 2010 | Public Review Date: Apr 10, 2020 | Final Action Date: Aug 11, 2020 | [Approved](#)

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- ▶ ANSI/ISA 62443-4-1-2018, Security for industrial automation and control systems - Part 4-1: Secure product development lifecycle requirements (new standard)  
PINS Date: Sep 16, 2011 | Public Review Date: Oct 6, 2017 | Final Action Date: Feb 16, 2018 | [Approved](#)

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- ▶ ANSI/ISA 62443-4-2-2018, Security for industrial automation and control systems Part 4-2: Technical security requirements for IACS (new standard)  
PINS Date: Sep 16, 2011 | Public Review Date: Apr 13, 2018 | Final Action Date: Aug 13, 2018 | [Approved](#)

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- ▶ ANSI/ISA 62453-1 (103.00.01)-2018, Field device tool (FDT) interface specification - Part 1: Overview and guidance (national adoption of IEC 62453-1 with modifications and revision of ANSI/ISA 62453-1 (103.00.01)-2011)  
PINS Date: Mar 18, 2016 | Public Review Date: Jul 27, 2018 | Final Action Date: Sep 21, 2018 | [Approved](#)

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- ▶ ANSI/ISA 62453-2 (103.00.02)-2018, Field device tool (FDT) interface specification - Part 2: Concepts and detailed description (national adoption of IEC 62453-2 with modifications and revision of ANSI/ISA 62453-2 (103.00.02)-2011)  
PINS Date: Mar 18, 2016 | Public Review Date: Jul 27, 2018 | Final Action Date: Sep 21, 2018 | [Approved](#)

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- ▶ ANSI/ISA 62453-301 (103.00.03)-2018, Field device tool (FDT) interface specification - Part 301: Communication profile integration - IEC 61784 CPF 1 (national adoption of IEC 62453-301 with modifications and revision of ANSI/ISA 62453-301 (103.00.03)-2011)  
PINS Date: Feb 16, 2018 | Public Review Date: Jul 27, 2018 | Final Action Date: Sep 21, 2018 | [Approved](#)

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**ISA (Organization) (International Society of Automation)**

- ▶ ANSI/ISA 62453-302 (103.00.04)-2018, Field device tool (FDT) interface specification - Part 302: Communication profile integration - IEC 61784 CPF 2 (national adoption of IEC 62453-302 with modifications and revision of ANSI/ISA 62453-302 (103.00.04)-2010)  
PINS Date: Feb 16, 2018 | Public Review Date: Jul 27, 2018 | Final Action Date: Sep 21, 2018 | [Approved](#)

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- ▶ ANSI/ISA 62453-303-1 (103.00.05)-2018, Field device tool (FDT) interface specification - Part 303-1: Communication profile integration - IEC 61784 CP 3/1 and CP 3/2 (identical national adoption of IEC 62453-303-1 and revision of ANSI/ISA 62453-303-1 (103.00.05)-2011)  
PINS Date: Jul 20, 2018 | Public Review Date: Sep 14, 2018 | Final Action Date: Nov 12, 2018 | [Approved](#)

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- ▶ ANSI/ISA 62453-303-2 (103.00.06)-2018, Field device tool (FDT) interface specification - Part 303-2: Communication profile integration - IEC 61784 CP 3/4, CP 3/5 and CP 3/6 (identical national adoption of IEC 62453-303-2 and revision of ANSI/ISA 62453-303-2 (103.00.06)-2011)  
PINS Date: Jul 20, 2018 | Public Review Date: Sep 14, 2018 | Final Action Date: Nov 12, 2018 | [Approved](#)

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- ▶ ANSI/ISA 62453-306 (103.00.07)-2011, Field device tool (FDT) interface specification - Part 306: Communication profile integration - IEC 61784 CPF 6 (national adoption with modifications of IEC 62453-306)  
PINS Date: Sep 4, 2009 | Public Review Date: Oct 8, 2010 | Final Action Date: May 31, 2011 | [Approved](#)

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- ▶ ANSI/ISA 62453-309 (103.00.08)-2018, Field device tool (FDT) interface specification - Part 309: Communication profile integration - IEC 61784 CPF 9 (national adoption of IEC 62453-309 with modifications and revision of ANSI/ISA 62453-309 (103.00.08)-2011)  
PINS Date: Feb 16, 2018 | Public Review Date: Sep 21, 2018 | Final Action Date: Nov 12, 2018 | [Approved](#)

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- ▶ ANSI/ISA 62453-315 (103.00.09)-2018, Field device tool (FDT) interface specification - Part 315: Communication profile integration - IEC 61784 CPF 15 (national adoption of IEC 62453-315 with modifications and revision of ANSI/ISA 62453-315 (103.00.09)-2011)  
PINS Date: Jul 20, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Nov 12, 2018 | [Approved](#)

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- ▶ ANSI/ISA 62769-1-2016, Field Device Integration (FDI) - Part 1: Overview (identical national adoption of IEC 62769-1)  
PINS Date: Oct 2, 2015 | Public Review Date: Nov 20, 2015 | Final Action Date: Mar 21, 2016 | [Approved](#)

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- ▶ ANSI/ISA 62769-101-1-2016, Field Device Integration (FDI) - Part 101-1: Profiles - Foundation Fieldbus H1 (identical national adoption of IEC 62769-101-1:2015)  
PINS Date: Oct 2, 2015 | Public Review Date: Nov 20, 2015 | Final Action Date: Mar 21, 2016 | [Approved](#)

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- ▶ ANSI/ISA 62769-101-2-2016, Field Device Integration (FDI) - Part 101-2: Profiles - Foundation Fieldbus HSE (identical national adoption of IEC 62769-101-2:2015)  
PINS Date: Oct 2, 2015 | Public Review Date: Nov 20, 2015 | Final Action Date: Mar 21, 2016 | [Approved](#)

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- ▶ ANSI/ISA 62769-103-1-2016, Field Device Integration (FDI) - Part 103-1: Profiles - PROFIBUS (identical national adoption of IEC 62769-103-1:2015)  
PINS Date: Oct 2, 2015 | Public Review Date: Nov 20, 2015 | Final Action Date: Mar 21, 2016 | [Approved](#)

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- ▶ ANSI/ISA 62769-103-4-2016, Field Device Integration (FDI) - Part 103-4: Profiles - PROFINET (identical national adoption of IEC 62769-103-4:2015)  
PINS Date: Oct 2, 2015 | Public Review Date: Nov 20, 2015 | Final Action Date: Mar 21, 2016 | [Approved](#)

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- ▶ ANSI/ISA 62769-109-1-2016, Field Device Integration (FDI) - Part 109-1: Profiles - HART and WirelessHART (identical national adoption of IEC 62769-109-1:2015)  
PINS Date: Oct 2, 2015 | Public Review Date: Nov 20, 2015 | Final Action Date: Mar 21, 2016 | [Approved](#)

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- ▶ ANSI/ISA 62769-2-2016, Field Device Integration (FDI) - Part 2: FDI Client (identical national adoption of IEC 62769-2)  
PINS Date: Oct 2, 2015 | Public Review Date: Nov 20, 2015 | Final Action Date: Mar 21, 2016 | [Approved](#)

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**ISA (Organization) (International Society of Automation)**

- ▶ ANSI/ISA 62769-3-2016, Field Device Integration (FDI) - Part 3: FDI Server (identical national adoption of IEC 62769-3:2015)

PINS Date: Oct 2, 2015 | Public Review Date: Nov 20, 2015 | Final Action Date: Mar 21, 2016 | [Approved](#)

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- ▶ ANSI/ISA 62769-4-2016, Field Device Integration (FDI) - Part 4: FDI Packages (identical national adoption of IEC 62769-4:2015)

PINS Date: Oct 2, 2015 | Public Review Date: Nov 20, 2015 | Final Action Date: Mar 21, 2016 | [Approved](#)

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- ▶ ANSI/ISA 62769-5-2016, Field Device Integration (FDI) - Part 5: FDI Information Model (identical national adoption of IEC 62769-5:2015)

PINS Date: Oct 2, 2015 | Public Review Date: Nov 20, 2015 | Final Action Date: Mar 21, 2016 | [Approved](#)

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- ▶ ANSI/ISA 62769-6-2016, Field Device Integration (FDI) - Part 6: FDI Technology Mapping (identical national adoption of IEC 62769-6:2015)

PINS Date: Oct 2, 2015 | Public Review Date: Nov 20, 2015 | Final Action Date: Mar 21, 2016 | [Approved](#)

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- ▶ ANSI/ISA 62769-7-2016, Field Device Integration (FDI) - Part 7: FDI Communication Devices (identical national adoption of IEC 62769-7:2015)

PINS Date: Oct 2, 2015 | Public Review Date: Nov 20, 2015 | Final Action Date: Mar 21, 2016 | [Approved](#)

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- ▶ ANSI/ISA 67.01.01-2019, Transducer and Transmitter Installation for Nuclear Safety Applications (new standard)

PINS Date: Jul 13, 2018 | Public Review Date: Jun 14, 2019 | Final Action Date: Nov 11, 2019 | [Approved](#)

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- ▶ ANSI/ISA 67.02.01-2021, Nuclear Safety-Related Instrument-Sensing Line Piping and Tubing Standard for Use in Nuclear Power Plants (revision of ANSI/ISA 67.02.01-2014)

PINS Date: Dec 20, 2019 | Public Review Date: Dec 25, 2020 | Final Action Date: Nov 29, 2021 | [Approved](#)

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- ▶ ANSI/ISA 67.04.01-2018, Setpoints for Nuclear Safety-Related Instrumentation (revision of ANSI/ISA 67.04.01-2006 (R2011))

PINS Date: Jul 8, 2016 | Public Review Date: Jul 13, 2018 | Final Action Date: Dec 11, 2018 | [Approved](#)

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- ▶ ANSI/ISA 71.04-2013, Environmental Conditions for Process Measurement and Control Systems: Airborne Contaminants (new standard)

PINS Date: Aug 24, 2012 | Public Review Date: Feb 15, 2013 | Final Action Date: Aug 16, 2013 | [Approved](#)

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- ▶ ANSI/ISA 75.01.01 (60534-2-1 Mod)-2012, Industrial-Process Control Valves - Part 2-1: Flow capacity - Sizing equations for fluid flow under installed conditions (national adoption of IEC 60534-2-1 with modifications and revision of ANSI/ISA 75.01.01 (IEC 60534-2-1 Mod)-2007)

PINS Date: Oct 7, 2011 | Public Review Date: Jun 15, 2012 | Final Action Date: Aug 27, 2012 | [Approved](#)

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- ▶ ANSI/ISA 75.02.01-2008 (IEC 60534-2-3 Mod), Control Valve Capacity Test Procedures (new standard)

PINS Date: Sep 28, 2007 | Public Review Date: Oct 3, 2008 | Final Action Date: Apr 21, 2009 | [Approved](#)

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- ▶ ANSI/ISA 75.05.01-2019, Control Valve Terminology (revision of ANSI/ISA 75.05.01-2016)

PINS Date: Nov 9, 2018 | Public Review Date: Jan 18, 2019 | Final Action Date: May 14, 2019 | [Approved](#)

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- ▶ ANSI/ISA 75.08.01-2016, Face-to-Face Dimensions for Integral Flanged Globe-Style Control Valve Bodies (Classes 125, 150, 250, 300, and 600) (revision of ANSI/ISA 75.08.01-2002 (R2007))

PINS Date: Oct 7, 2011 | Public Review Date: Apr 15, 2016 | Final Action Date: Jul 28, 2016 | [Approved](#)

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- ▶ ANSI/ISA 75.08.02-2003 (R2017), Face-to-Face Dimensions for Flanged and Flangeless Rotary Control Valves (Classes 150, 300, and 600) (reaffirmation of ANSI/ISA 75.08.02-2003 (R2009))

Public Review Date: Oct 28, 2016 | Final Action Date: Feb 23, 2017 | [Approved](#)

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- ▶ ANSI/ISA 75.08.03-2001 (R2013), Face-to-Face Dimensions for Socket Weld-End and Screwed-End Globe-Style Control Valves (Classes 150, 300, 600, 900, 1500, and 2500) (reaffirmation of ANSI/ISA 75.08.03-2001 (R2007))

Public Review Date: Nov 9, 2012 | Final Action Date: Jan 30, 2013 | [Approved](#)

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**ISA (Organization) (International Society of Automation)**

- ▶ ANSI/ISA 75.08.04-2007 (R2013), Face-to-Face Dimensions for Butt-weld-End Globe-Style Control Valves (Class 4500) (reaffirmation of ANSI/ISA 75.08.04-2007)  
Public Review Date: Nov 9, 2012 | Final Action Date: Jan 30, 2013 | [Approved](#)
- ▶ ANSI/ISA 75.08.05-2016, Face-to-Face Dimensions for Butt-weld-End Globe-Style Control Valves (Classes 150, 300, 600, 900, 1500, and 2500) (revision of ANSI/ISA 75.08.05-2002 (R2007))  
PINS Date: Oct 7, 2011 | Public Review Date: Apr 15, 2016 | Final Action Date: Jul 28, 2016 | [Approved](#)
- ▶ ANSI/ISA 75.08.06-2002 (R2013), Face-to-Face Dimensions for Flanged Globe-Style Control Valve Bodies (Classes 900, 1500, and 2500) (reaffirmation of ANSI/ISA 75.08.06-2002 (R2007))  
Public Review Date: Nov 9, 2012 | Final Action Date: Jan 30, 2013 | [Approved](#)
- ▶ ANSI/ISA 75.08.07-2001 (R2013), Face-to-Face Dimensions for Separable Flanged Globe-Style Control Valves (Classes 150, 300, and 600) (reaffirmation of ANSI/ISA 75.08.07-2001 (R2007))  
Public Review Date: Nov 9, 2012 | Final Action Date: Jan 30, 2013 | [Approved](#)
- ▶ ANSI/ISA 75.08.08-2015, Face-to-Centerline Dimensions for Flanged Globe-Style Angle Control Valve Bodies (Classes 150, 300, and 600) (revision of ANSI/ISA 75.08.08-1999 (R2007))  
PINS Date: Oct 7, 2011 | Public Review Date: Oct 16, 2015 | Final Action Date: Dec 30, 2015 | [Approved](#)
- ▶ ANSI/ISA 75.08.09-2016, Face-to-Face Dimensions for Sliding Stem Flangeless Control Valves (Classes 150, 300, and 600) (revision of ANSI/ISA 75.08.09-2005 (R2010))  
PINS Date: Feb 27, 2015 | Public Review Date: Nov 20, 2015 | Final Action Date: Mar 11, 2016 | [Approved](#)
- ▶ ANSI/ISA 75.10.01-2013, General Requirements for Clamp or Pinch Valves (revision of ANSI/ISA 75.10.01-2008)  
PINS Date: Nov 9, 2012 | Public Review Date: Oct 4, 2013 | Final Action Date: Dec 20, 2013 | [Approved](#)
- ▶ ANSI/ISA 75.10.02-2014, Installed Face-to-Face Dimensions for Dual Pinch Flanged Clamp or Pinch Valves (Classes 125 and 150) (revision of ANSI/ISA 75.10.02-2008)  
PINS Date: Jul 2, 2010 | Public Review Date: Jan 31, 2014 | Final Action Date: Apr 15, 2014 | [Approved](#)
- ▶ ANSI/ISA 75.10.03-2015, Installed Face-to-Face Dimensions for Shell and Tube Flanged Pinch Valves (new standard)  
PINS Date: Apr 11, 2008 | Public Review Date: Oct 31, 2014 | Final Action Date: Jan 21, 2015 | [Approved](#)
- ▶ ANSI/ISA 75.11.01-2013, Inherent Flow Characteristic and Rangeability of Control Valves (revision of ANSI/ISA 75.11.01-1985 (R2002))  
PINS Date: Aug 8, 2008 | Public Review Date: Nov 9, 2012 | Final Action Date: Jan 30, 2013 | [Approved](#)
- ▶ ANSI/ISA 75.13.01-2013, Method of Evaluating the Performance of Positioners with Analog Input Signals and Pneumatic Output (revision of ANSI/ISA 75.13.01-2007)  
PINS Date: Oct 7, 2011 | Public Review Date: Sep 6, 2013 | Final Action Date: Dec 2, 2013 | [Approved](#)
- ▶ ANSI/ISA 75.19.01-2013, Hydrostatic Testing of Control Valves (revision of ANSI/ISA 75.19.01-2007)  
PINS Date: Oct 7, 2011 | Public Review Date: May 24, 2013 | Final Action Date: Aug 6, 2013 | [Approved](#)
- ▶ ANSI/ISA 75.25.01-2001 (R2010), Test Procedure for Control Valve Response (reaffirmation of ANSI/ISA 75.25.01-2001)  
PINS Date: Feb 3, 2006 | Public Review Date: Nov 27, 2009 | Final Action Date: Jun 16, 2010 | [Approved](#)
- ▶ ANSI/ISA 77.14.01-2022, Fossil Fuel Power Plant Steam Turbine Controls (revision of ANSI/ISA 77.14.01-2010)  
PINS Date: Mar 14, 2014 | Public Review Date: Mar 22, 2019 | Final Action Date: Jul 12, 2022 | [Approved](#)
- ▶ ANSI/ISA 77.20.01-2012, Fossil Fuel Power Plant Simulators: Functional Requirements (revision and partition of ANSI/ISA 77.20-2005)  
PINS Date: Mar 25, 2011 | Public Review Date: Dec 23, 2011 | Final Action Date: Feb 22, 2012 | [Approved](#)

**ISA (Organization) (International Society of Automation)**

- ▶ ANSI/ISA 77.41.01-2015, Fossil Fuel Power Plant Boiler Combustion Controls (revision of ANSI/ISA 77.41.01-2010)  
PINS Date: Mar 14, 2014 | Public Review Date: May 22, 2015 | Final Action Date: Oct 27, 2015 | [Approved](#)
- ▶ ANSI/ISA 77.42.01-2019, Fossil Fuel Power Plant Feedwater Control System (revision of ANSI/ISA 77.42.01-1999 (R2011))  
PINS Date: Dec 18, 2015 | Public Review Date: Dec 16, 2016 | Final Action Date: Mar 12, 2019 | [Approved](#)
- ▶ ANSI/ISA 77.43.01-2014, Fossil Fuel Power Plant Unit/Plant Demand Development (revision of ANSI/ISA S77.43.01 -1994 (R2008))  
PINS Date: Nov 23, 2012 | Public Review Date: Sep 26, 2014 | Final Action Date: Dec 22, 2014 | [Approved](#)
- ▶ ANSI/ISA 77.44.01-2007 (R2013), Fossil Fuel Power Plant - Steam Temperature Controls (reaffirmation of ANSI/ISA 77.44.01-2007)  
Public Review Date: May 4, 2012 | Final Action Date: Mar 7, 2013 | [Approved](#)
- ▶ ANSI/ISA 77.70.02-2014, Fossil Fuel Power Plant Instrument Piping Installation (revision of ANSI/ISA 77.70.02-2005 (R2010))  
PINS Date: Mar 14, 2014 | Public Review Date: Oct 3, 2014 | Final Action Date: Dec 15, 2014 | [Approved](#)
- ▶ ANSI/ISA 77.82.01-2019, Selective Catalytic Reduction (SCR) Control Systems (revision of ANSI/ISA 77.82.01-2011)  
PINS Date: Dec 18, 2015 | Public Review Date: Jan 25, 2019 | Final Action Date: Jun 3, 2019 | [Approved](#)
- ▶ ANSI/ISA 84.91.01-2021, Identification and Mechanical Integrity of Process Safety Controls, Alarms, and Interlocks in the Process Industry Sector (revision of ANSI/ISA 84.91.01-2012)  
PINS Date: Mar 18, 2016 | Public Review Date: Oct 30, 2020 | Final Action Date: Feb 4, 2021 | [Approved](#)
- ▶ ANSI/ISA 88.00.01-2010, Batch Control Part 1: Models and Terminology (new standard)  
PINS Date: Feb 2, 2007 | Public Review Date: Jul 23, 2010 | Final Action Date: Dec 6, 2010 | [Approved](#)
- ▶ ANSI/ISA 95.00.01 (IEC 62264-1 Modified)-2010, Enterprise-Control System Integration - Part 1: Models and Terminology (national adoption of IEC 62264-1 with modifications and revision of ANSI/ISA 95.00.01-2000)  
PINS Date: Mar 14, 2008 | Public Review Date: Jul 31, 2009 | Final Action Date: May 13, 2010 | [Approved](#)
- ▶ ANSI/ISA 95.00.02-2018, Enterprise-Control System Integration - Part 2: Objects and Attributes for enterprise-control (national adoption of IEC 62264-2 with modifications and revision of ANSI/ISA 95.00.02 (IEC 62264-2 Modified)-2010)  
PINS Date: Apr 24, 2015 | Public Review Date: Feb 23, 2018 | Final Action Date: May 24, 2018 | [Approved](#)
- ▶ ANSI/ISA 95.00.03 (IEC 62264-3 Modified)-2013, Enterprise-Control System Integration - Part 3: Activity Models of Manufacturing Operations Management (national adoption with modifications of IEC 62264-3)  
PINS Date: Mar 14, 2008 | Public Review Date: Feb 8, 2013 | Final Action Date: Jul 8, 2013 | [Approved](#)
- ▶ ANSI/ISA 95.00.04-2018, Enterprise-Control System Integration - Part 4: Object model attributes for manufacturing operations management integration (revision of ANSI/ISA 95.00.04-2012)  
PINS Date: Feb 19, 2016 | Public Review Date: Feb 23, 2018 | Final Action Date: May 24, 2018 | [Approved](#)
- ▶ ANSI/ISA 95.00.05-2018, Enterprise-control system integration - Part 5: Business-to-manufacturing transactions (revision of ANSI/ISA 95.00.05-2013)  
PINS Date: Mar 30, 2018 | Public Review Date: Sep 14, 2018 | Final Action Date: Dec 3, 2018 | [Approved](#)
- ▶ ANSI/ISA 95.00.06-2014, Enterprise-Control System Integration - Part 6: Messaging Service Model (new standard)  
PINS Date: Sep 6, 2013 | Public Review Date: Apr 4, 2014 | Final Action Date: Oct 10, 2014 | [Approved](#)
- ▶ ANSI/ISA 95.00.07-2018, Enterprise-Control System Integration - Part 7: Alias Service Model (new standard)  
PINS Date: May 16, 2014 | Public Review Date: Jun 16, 2017 | Final Action Date: Sep 28, 2017 | [Approved](#)

**ISA (Organization) (International Society of Automation)**

- ▶ ANSI/ISA 95.00.08-2020, Enterprise-Control System Integration - Part 8: Information Exchange Profiles (new standard)  
PINS Date: Sep 16, 2016 | Public Review Date: Dec 27, 2019 | Final Action Date: May 8, 2020 | [Approved](#)
- ▶ ANSI/ISA 96.01.01-2019, Valve Actuator Terminology (new standard)  
PINS Date: May 19, 2006 | Public Review Date: Jul 19, 2019 | Final Action Date: Feb 22, 2021 | [Approved](#)
- ▶ ANSI/ISA 96.02.01-2016, Guidelines for the Specification of Electric Valve Actuators (revision of ANSI/ISA 96.02.01-2008)  
PINS Date: Aug 3, 2012 | Public Review Date: Dec 25, 2015 | Final Action Date: Mar 17, 2016 | [Approved](#)
- ▶ ANSI/ISA 96.03.01-2019, Guidelines for the Specification of Heavy Duty Pneumatically Powered Quarter Turn Scotch Yoke Valve Actuators (revision of ANSI/ISA 96.03.01-2012)  
PINS Date: Apr 21, 2017 | Public Review Date: Jul 13, 2018 | Final Action Date: Feb 3, 2020 | [Approved](#)
- ▶ ANSI/ISA 96.03.02-2015, Guidelines for the Specification of Pneumatic Rack and Pinion Actuators (new standard)  
PINS Date: May 18, 2012 | Public Review Date: May 15, 2015 | Final Action Date: Jul 28, 2015 | [Approved](#)
- ▶ ANSI/ISA 96.03.03-2013, Guidelines for the Specification of Pneumatic Vane Type Valve Actuators (new standard)  
PINS Date: May 18, 2012 | Public Review Date: Dec 28, 2012 | Final Action Date: Mar 7, 2013 | [Approved](#)
- ▶ ANSI/ISA 96.03.04-2019, Guidelines for the Specification of Linear Piston Pneumatic Actuators (new standard)  
PINS Date: Nov 18, 2016 | Public Review Date: Jul 19, 2019 | Final Action Date: Apr 27, 2020 | [Approved](#)
- ▶ ANSI/ISA 96.06.01-2022, Guidelines for the Specification of Self-Contained Electro-Hydraulic Valve Actuators (revision of ANSI/ISA 96.06.01-2014)  
PINS Date: Apr 9, 2021 | Public Review Date: Feb 18, 2022 | Final Action Date: Sep 22, 2022 | [Approved](#)
- ▶ ANSI/ISA 96.08.01-2017, Guidelines for the Specification of Linear and Rotary Gas Over Oil Valve Actuators (new standard)  
PINS Date: May 13, 2016 | Public Review Date: Nov 11, 2016 | Final Action Date: Feb 23, 2017 | [Approved](#)

**ISANTA (International Staple, Nail and Tool Association)**

8735 W. Higgins Road, Suite 300; c/o Association Management Center, Chicago, IL 60631

- ▶ ANSI SNT-101-2015, Safety Requirements for Portable, Compressed-Air-Actuated Fastener Driving Tools (new standard)  
PINS Date: Jul 10, 2009 | Public Review Date: Aug 31, 2012 | Final Action Date: Apr 7, 2015 | [Approved](#)

**ISDI (ASC MH2) (Industrial Steel Drum Institute)**

P.O. Box 8570, Alexandria, VA 22306-8570 | w: [www.whysteeldrums.org](http://www.whysteeldrums.org)

- ▶ ANSI/ASC MH2-2018, Standard for Materials Handling (Containers) - Steel Drums and Pails (new standard)  
PINS Date: Mar 31, 2017 | Public Review Date: Mar 16, 2018 | Final Action Date: Jan 15, 2019 | [Approved](#)

**ISEA (International Safety Equipment Association)**

1101 Wilson Blvd, Suite 1425, Arlington, VA 22209 | w: [www.safetyequipment.org](http://www.safetyequipment.org)

- ▶ ANSI/ISEA 101-2014 (R2019), Limited-Use and Disposable Coveralls - Size and Labeling Requirements (reaffirmation of ANSI/ISEA 101-2014)  
Public Review Date: Jul 19, 2019 | Final Action Date: Oct 7, 2019 | [Approved](#)
- ▶ ANSI/ISEA 105-2016, Hand Protection Classification (revision of ANSI/ISEA 105-2011)  
PINS Date: Jun 19, 2015 | Public Review Date: Oct 9, 2015 | Final Action Date: Jan 12, 2016 | [Approved](#)

**ISEA (International Safety Equipment Association)**

- ▶ ANSI/ISEA 107-2020, High-Visibility Safety Apparel (revision of ANSI/ISEA 107-2015)  
PINS Date: Jan 27, 2017 | Public Review Date: May 15, 2020 | Final Action Date: Sep 8, 2020 | [Approved](#)
- ▶ ANSI/ISEA 121-2018, Dropped Object Prevention Solutions (new standard)  
PINS Date: Dec 25, 2015 | Public Review Date: May 11, 2018 | Final Action Date: Jul 2, 2018 | [Approved](#)
- ▶ ANSI/ISEA 125-2021, Conformity Assessment of Safety and Personal Protective Equipment (revision of ANSI/ISEA 125-2014)  
PINS Date: May 25, 2018 | Public Review Date: Jan 22, 2021 | Final Action Date: Jun 17, 2021 | [Approved](#)
- ▶ ANSI/ISEA 138-2019, Performance and Classification for Impact-Resistant Gloves (new standard)  
PINS Date: Oct 13, 2017 | Public Review Date: Nov 2, 2018 | Final Action Date: Feb 19, 2019 | [Approved](#)
- ▶ ANSI/ISEA 201-2019, Insulation and Wash Durability Classification of Apparel Used in Cold Work Environments (revision of ANSI/ISEA 201-2012)  
PINS Date: Jan 30, 2015 | Public Review Date: Jun 7, 2019 | Final Action Date: Aug 19, 2019 | [Approved](#)
- ▶ ANSI/ISEA 203-2018, Secondary Single-Use Flame Resistant Protective Clothing for Use Over Primary Flame Resistant Protective Clothing (new standard)  
PINS Date: Nov 2, 2007 | Public Review Date: Jan 26, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)
- ▶ ANSI/ISEA Z308.1-2021, Minimum Requirements for Workplace First Aid Kits and Supplies (revision of ANSI/ISEA Z308.1-2015)  
PINS Date: Dec 21, 2018 | Public Review Date: Jun 18, 2021 | Final Action Date: Apr 15, 2022 | [Approved](#)
- ▶ ANSI/ISEA Z358.1-2014 (R2020), Emergency Eyewash and Shower Equipment (reaffirmation of ANSI/ISEA Z358.1-2014)  
Public Review Date: Apr 10, 2020 | Final Action Date: Oct 28, 2020 | [Approved](#)
- ▶ ANSI/ISEA Z89.1-2014 (R2019), Industrial Head Protection (reaffirmation of ANSI/ISEA Z89.1-2014)  
PINS Date: Jan 22, 2016 | Public Review Date: Feb 15, 2019 | Final Action Date: Apr 26, 2019 | [Approved](#)

**ISEA (ASC Z87) (International Safety Equipment Association)**

1101 Wilson Blvd, Suite 1425, Arlington, VA 22209 | w: [www.safetyequipment.org](http://www.safetyequipment.org)

- ▶ ANSI ISEA Z87.1-2020, Occupational and Education Personal Eye and Face Protection Devices (revision of ANSI ISEA Z87.1-2015)  
PINS Date: Jun 3, 2016 | Public Review Date: Aug 16, 2019 | Final Action Date: Mar 11, 2020 | [Approved](#)
- ▶ ANSI ISEA Z87.62-2021, Occupational and Educational Eye and Face Protection Devices for Preventing Exposures Caused by Sprays or Spurts of Blood or Body Fluids (new standard)  
PINS Date: May 12, 2017 | Public Review Date: Mar 26, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

**ISTA (International Safe Transit Association)**

1400 Abbot Road, Suite 160, East Lansing, MI 48823 | w: [www.ista.org](http://www.ista.org)

- ▶ ANSI/ISTA Procedure 3E-2017, Similar Packaged-Products in Unitized Loads for Truckload Shipment (new standard)  
PINS Date: May 27, 2016 | Public Review Date: Sep 23, 2016 | Final Action Date: Aug 16, 2017 | [Approved](#)

**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

700 K Street NW, Suite 600, Washington, DC 20001 | w: [www.incits.org](http://www.incits.org)

- ▶ INCITS 100-1989 [S2020], Interface Between DTE & DCE for Packet Mode Operation with Packet Switch Data Communications Networks (CCITT X.25) (stabilized maintenance of INCITS 100-1989 (R2005))  
Public Review Date: Feb 12, 2010 | Final Action Date: Jul 7, 2010 | [Approved](#)

**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 100a-1991 [S2020], Information Systems - Interface between Data Terminal Equipment (DTE) and Data Circuit-Terminating Equipment (DCE) for Operation with Packet-Switched Data Communications Networks (PSDN), or between Two DTEs, by Dedicated Circuit Addendum (stabilized maintenance of INCITS 100a-1991 (R2005))  
Public Review Date: Feb 12, 2010 | Final Action Date: Jul 7, 2010 | [Approved](#)

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- ▶ INCITS 103-1983 [S2021], Unrecorded Magnetic Tape Minicassette For Information Interchange, Coplanar 3.81 mm (0.150 Inch) (stabilized maintenance of INCITS 103-1983 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 29, 2011 | [Approved](#)

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- ▶ INCITS 11-1990 [S2017], General Purpose Paper Cards for Information Processing (stabilized maintenance of INCITS 11-1990 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Aug 21, 2007 | [Approved](#)

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- ▶ INCITS 111-1986 [S2017], Information Systems - Optical Character Recognition (OCR) - Matrix Character Sets for OCR-M (stabilized maintenance of INCITS 111-1986 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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- ▶ INCITS 112-1984 [S2017], 14-inch (356-mm) Diameter and Low Surface Friction Magnetic Storage Disk (stabilized maintenance of INCITS 112-1984 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 12, 2007 | [Approved](#)

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- ▶ INCITS 113-1987 [S2018], Information Systems - Programming Language - Full BASIC (stabilized maintenance of INCITS 113-1987 (R2003))  
Public Review Date: Feb 22, 2008 | Final Action Date: Jun 19, 2008 | [Approved](#)

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- ▶ INCITS 113a-1989 [S2018], Information Systems - Programming Languages - Modules and Individual Character Input for Full BASIC (stabilized maintenance of INCITS 113a-1989 (R2003))  
Public Review Date: Feb 22, 2008 | Final Action Date: Jun 19, 2008 | [Approved](#)

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- ▶ INCITS 115-1984 [S2017], Unformatted 80 Megabyte Trident Pack for Use at 370 TPI and 6000 BPI - Physical, Mechanical and Magnetic Characteristics (stabilized maintenance of INCITS 115-1984 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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- ▶ INCITS 116-1986 [S2017], Recorded Magnetic Tape Cartridge for Information Interchange 4-Track, Serial 0.250 in (6.30 mm) 6400 BPI (252 BPMM) Inverted Modified Frequency Modulation Encoded (stabilized maintenance of INCITS 116-1986 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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- ▶ INCITS 117-1984 [S2017], Printable/Image Areas for Text and Facsimile Communication Equipment (stabilized maintenance of INCITS 117-1984 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 23, 2007 | [Approved](#)

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- ▶ INCITS 118-1998 [S2018], Personal Identification Number - PIN Pad (stabilized maintenance of INCITS 118-1998 (R2003))  
Public Review Date: Feb 1, 2008 | Final Action Date: Jun 30, 2008 | [Approved](#)

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- ▶ INCITS 119-1984 [S2017], Contact Start/Stop Storage Disk, 158361 Flux Transitions per Track, 8.268 Inch (210 mm) Outer Diameter and 3.937 Inch (100 mm) Inner Diameter (stabilized maintenance of INCITS 119-1984 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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- ▶ INCITS 120-1984 [S2017], Contact Start/Stop Storage Disk, 95840 Flux Transitions per Track, 7.874 Inch (200 mm) Outer Diameter and 2.500 Inch (63.5 mm) Inner Diameter (stabilized maintenance of INCITS 120-1984 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 121-1984 [S2021], Two-Sided Unformatted 8-Inch (200 MM) Double Density Flexible Disk Cartridge (For 13262 FTPR Two-headed Application) (Combined with Project 287) (stabilized maintenance of INCITS 121-1984 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 29, 2011 | [Approved](#)

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- ▶ INCITS 124-1985 [S2022], Information processing systems - Computer graphics - Graphical Kernel System (GKS) Functional Description (stabilized maintenance of INCITS 124-1985 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 5, 2012 | [Approved](#)

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- ▶ INCITS 124.1-1985 [S2021], FORTRAN Binding of Graphical Kernel System (GKS) (stabilized maintenance of INCITS 124.1-1985 (R2006))  
Public Review Date: Sep 2, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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- ▶ INCITS 124.2-1988 [S2019], Information Systems Computer Graphics - Graphical Kernel System (GKS) Pascal Binding (stabilized maintenance of INCITS 124.2-1988 (R2004))  
Public Review Date: Jan 30, 2009 | Final Action Date: Apr 3, 2009 | [Approved](#)

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- ▶ INCITS 124.3-1989 [S2020], Information technology - Computer Graphics - Graphical Kernel System (GKS), Ada Binding (stabilized maintenance of INCITS 124.3-1989 (R2005))  
Public Review Date: Dec 25, 2009 | Final Action Date: Mar 24, 2010 | [Approved](#)

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- ▶ INCITS 125-1985 [S2021], Two-Sided, Double-Density, Unformatted 5.25 Inch (130 mm) 48-tpi (1.9 tpmm) Flexible Disk Cartridge for 7958 BPR Use (stabilized maintenance of INCITS 125-1985 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 29, 2011 | [Approved](#)

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- ▶ INCITS 126-1986 [S2017], One- and Two-Sided Double Density Unformatted 5.25 Inch (130 mm) 96 Tracks per Inch (3.8 Tracks per mm) Flexible Disk Cartridge - General, Physical, and Magnetic Requirements for 7958 BPR Use (stabilized maintenance of INCITS 126-1986 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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- ▶ INCITS 127-1987 [S2017], Information Systems - Unrecorded Magnetic Tape Cartridge for Information Interchange, 0.250 Inch (6.30 mm), 6400-10 000 ftpi (252-394 ftpmm) (stabilized maintenance of INCITS 127-1987 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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- ▶ INCITS 131-1994 [S2013], Information technology - Small Computer System Interface - 2 (SCSI-2) (stabilized maintenance of INCITS 131-1994 (R2008))  
Public Review Date: Feb 1, 2013 | Final Action Date: May 6, 2013 | [Approved](#)

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- ▶ INCITS 136-1986 [S2017], Serial Recorded Magnetic Tape Cartridge for Information Interchange, Four and Nine Track, 0.250 Inch (6.30 mm), 8000 bpi (315 bpmm), Streaming Mode, Group Code Recording (stabilized maintenance of INCITS 136-1986 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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- ▶ INCITS 137-1988 [S2018], Information Systems - One- and Two-sided, Unformatted, 90-mm (3.5-in), 5.3-tpmm (135-tpi) Flexible Disk Cartridge for 7958 BPR Use - General, Physical, and Magnetic Requirements (stabilized maintenance of INCITS 137-1988 (R2004))  
Public Review Date: Oct 17, 2008 | Final Action Date: Dec 19, 2008 | [Approved](#)

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- ▶ INCITS 137:1988/AM1-1999 [S2022], Information Systems - One- and Two-sided, Unformatted, 90-mm (3.5-in), 5.3-tpmm (135-tpi) Flexible Disk Cartridge for 7958 BPR Use - General, Physical, and Magnetic Requirements (stabilized maintenance of INCITS 137:1988/AM1-1999 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 5, 2012 | [Approved](#)

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- ▶ INCITS 139-1987 [S2017], Information Systems - Fiber Distributed Data Interface (FDDI) - Token Ring Media Access Control (MAC) (stabilized maintenance of INCITS 139-1987 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 14-1983 [S2021], Recorded Magnetic Tape for Information Interchange (200 CPI, NRZI) (stabilized maintenance of INCITS 14-1983 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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- ▶ INCITS 148-1988 [S2018], Fiber Distributed Data Interface (FDDI) Physical Layer (PHY) (stabilized maintenance of INCITS 148-1988 (R2004))  
Public Review Date: Oct 17, 2008 | Final Action Date: Dec 17, 2008 | [Approved](#)

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- ▶ INCITS 149-1986 [R2022], Financial Transaction Card Formsets - Location of Imprinted Information (reaffirmation of INCITS 149-1986 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS 150-1987 [S2017], Business Machines, Data Processing Equipment and Business Forms - Character and Line Spacing (stabilized maintenance of INCITS 150-1987 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 23, 2007 | [Approved](#)

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- ▶ INCITS 151-1987 [S2017], Bond Papers and Index Bristols - Common Sheet Sizes (stabilized maintenance of INCITS 151-1987 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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- ▶ INCITS 152-1987 [S2017], Specifications for Noncarbonized, Single-Ply, Adding Machine Paper Rolls (stabilized maintenance of INCITS 152-1987 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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- ▶ INCITS 154-1988 [S2019], Information technology - Office Machines and Supplies Alphanumeric Machine -- Keyboard Arrangement (stabilized maintenance of INCITS 154-1988 (R2004))  
Public Review Date: Mar 13, 2009 | Final Action Date: May 21, 2009 | [Approved](#)

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- ▶ INCITS 157-1987 [S2018], Recorded Magnetic Tape for Information Interchange 0.5 in (12.7 mm), Tape, Nine Track, 3200 CPI (126 CPMM), Phase Encoded (stabilized maintenance of INCITS 157-1987 (R2003))  
Public Review Date: Feb 22, 2008 | Final Action Date: Jun 19, 2008 | [Approved](#)

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- ▶ INCITS 158-1987 [S2018], Serial Recorded Magnetic Tape Cassette for Information Interchange - 0.150 in ((3.82 mm), 8000 bpi (315 bpmm) Group Code Recording Streaming Mode, Four Tracks (stabilized maintenance of INCITS 158-1987 (R2003))  
Public Review Date: Feb 22, 2008 | Final Action Date: Jun 19, 2008 | [Approved](#)

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- ▶ INCITS 162-1988 [S2019], Information Systems - Two-Sided, High-Density, Unformatted, 5.25-inch (130-mm), 96-tpi (3,8 tpmm), Flexible Disk Cartridge for 13 262 ftpr Use - General, Physical, and Magnetic Requirements (stabilized maintenance of INCITS 162-1988 (R2004))  
Public Review Date: Oct 17, 2008 | Final Action Date: Apr 3, 2009 | [Approved](#)

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- ▶ INCITS 162-1988/Cor 1-1995 [S2017], Information Systems - Two-Sided, High Density, Unformatted, 5.25 in, 96-tpi, Flexible Disk Cartridge for 13 262 BPR Use - General, Physical and Magnetic Requirements - Technical Corrigendum 1 (stabilized maintenance of INCITS 162-1988 [S2009])  
Public Review Date: Aug 12, 2016 | Final Action Date: Dec 29, 2017 | [Approved](#)

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- ▶ INCITS 163-1988 [S2017], Information Systems - Contact Start/Stop Metallic Film Storage Disk - 83,333 Flux Transitions Per Track, 130-mm (5.118-in) Outer Diameter and 40-mm (1.575-in) Inner Diameter (stabilized maintenance of INCITS 163-1988 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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- ▶ INCITS 164-1990 [S2021], Unrecorded Magnetic Tape Cassette for Information Interchange 3.81 mm (0.150 in), 252 to 394 ftppm (6400 to 10000 ftpi) (stabilized maintenance of INCITS 164-1990 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 29, 2011 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 165-1992 [S2017], Information Systems - Programming Language - DIBOL (stabilized maintenance of INCITS 165-1992 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 23, 2007 | [Approved](#)

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- ▶ INCITS 166-1989 [S2020], Fiber Distributed Data Interface (FDDI) Physical Layer, Medium Dependent (PMD) (stabilized maintenance of INCITS 166-1989 (R2005))  
Public Review Date: Feb 12, 2010 | Final Action Date: Jul 7, 2010 | [Approved](#)

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- ▶ INCITS 17-1981 [S2017], Character Set for Optical Character Recognition (OCR-A) (stabilized maintenance of INCITS 17-1981 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 12, 2007 | [Approved](#)

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- ▶ INCITS 171-1989 [S2020], One and Two-Sided, High Density, Unformatted, 90-mm (3.5 in), 5,3 tpmm (135-tpi), Flexible Disk Cartridge for 15 916 bpr Use - General, Physical and Magnetic Requirements (stabilized maintenance of INCITS 171-1989 (R2005))  
Public Review Date: Feb 12, 2010 | Final Action Date: Jul 7, 2010 | [Approved](#)

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- ▶ INCITS 175:1999 [S2013], 19-mm Type ID-1 Recorded Instrumentation - Digital Cassette Tape Form (stabilized maintenance of INCITS 175-1999 (R2008))  
Public Review Date: Jun 7, 2013 | Final Action Date: Oct 14, 2013 | [Approved](#)

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- ▶ INCITS 178-1990 [S2020], Packet-Switched Signalling System Between Public Networks Providing Data Transmission Services (stabilized maintenance of INCITS 178-1990 (R2005))  
Public Review Date: Feb 12, 2010 | Final Action Date: Jul 7, 2010 | [Approved](#)

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- ▶ INCITS 178a-1991 [S2020], Packet-Switched Signalling System Between Public Networks Providing Data Transmission Services - Addendum (stabilized maintenance of INCITS 178a-1991 (R2005))  
Public Review Date: Feb 12, 2010 | Final Action Date: Jul 7, 2010 | [Approved](#)

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- ▶ INCITS 179-1990 [S2017], 95-mm Diameter Rigid Digital Recording Disk (stabilized maintenance of INCITS 179-1990 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 23, 2007 | [Approved](#)

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- ▶ INCITS 18-1974 [S2020], Punched paper tape - Dimensions and location of feed holes and code holes (stabilized maintenance of INCITS 18-1974 (R2005))  
Public Review Date: Feb 12, 2010 | Final Action Date: Jul 7, 2010 | [Approved](#)

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- ▶ INCITS 180-1990 [S2021], Magnetic Tape and Cartridge for Information Interchange, 18-Track, Parallel, 12.65mm (1/2 in.) 1491 cpmm (37 871 cpi) Group-Coded, Requirements for Recording (stabilized maintenance of INCITS 180-1990 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 29, 2011 | [Approved](#)

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- ▶ INCITS 181-1990 [S2021], Recorded Magnetic Tape Cartridge for Information Interchange 0.500 in, 22 and 48 Tracks Serial Serpentine, 6 667 and 10 000 bpi (stabilized maintenance of INCITS 181-1990 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 29, 2011 | [Approved](#)

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- ▶ INCITS 182-1990 [S2017], Guideline for Bar Code Print Quality (stabilized maintenance of INCITS 182-1990 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 23, 2007 | [Approved](#)

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- ▶ INCITS 183-1991 [S2016], Information technology - High-Performance Parallel Interface (HIPPI) - Mechanical, Electrical, and Signalling Protocol Specification (HIPPI-PH) (stabilized maintenance of INCITS 183:1991 [R2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 3, 2016 | [Approved](#)

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- ▶ INCITS 184:1993 [S2013], Fiber Distributed Data Interface (FDDI) Single Mode Physical Layer Medium Dependent (SMF-PMD) (stabilized maintenance of INCITS 184-1993 (S2008))  
Public Review Date: Jun 7, 2013 | Final Action Date: Oct 14, 2013 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 186-1992 [S2017], Information Systems - Fiber-Distributed Data Interface (FDDI) - Hybrid Ring Control (HRC) (stabilized maintenance of INCITS 186-1992 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 23, 2007 | [Approved](#)

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- ▶ INCITS 187-1990 [S2021], Recorded Magnetic Tape for Longitudinal Recording of Instrumentation Data-Interchange (stabilized maintenance of INCITS 187-1990 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 29, 2011 | [Approved](#)

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- ▶ INCITS 189-1991 [S2017], Information Systems - Interface between Data Terminal Equipment (DTE) and Data Circuit-Terminating Equipment (DCE) for Terminals Operating in the Packet Mode and Accessing a Packet-Switched Public Data Network Through Switched Access (stabilized maintenance of INCITS 189-1991 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 23, 2007 | [Approved](#)

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- ▶ INCITS 19-1974 [S2020], Eleven-Sixteenths Inch Perforated Paper Tape for Information Interchange (stabilized maintenance of INCITS 19-1974 (R2005))  
Public Review Date: Feb 12, 2010 | Final Action Date: Jul 7, 2010 | [Approved](#)

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- ▶ INCITS 197-1991 [S2017], Information Systems - Unrecorded Magnetic Tape and Cartridge for Information Interchange 1/2 in (12.65 mm), Serial Serpentine, 22-Track, 6667 fpi (262 ftppm) and 48-Track, 10,000 fpi (394 ftppm) (stabilized maintenance of INCITS 197-1991 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 23, 2007 | [Approved](#)

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- ▶ INCITS 199-1991 [S2022], Information Systems - 356-mm Optical Disk Cartridge (Write-Once) - Test Methods for Media Characteristics (stabilized maintenance of INCITS 199-1991 (R2007))  
Public Review Date: Jun 8, 2012 | Final Action Date: Aug 20, 2012 | [Approved](#)

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- ▶ INCITS 20-1967 [S2020], Take-up Reels for One Inch Perforated Tape for Information Interchange (stabilized maintenance of INCITS 20-1967 (R2005))  
Public Review Date: Feb 12, 2010 | Final Action Date: Jul 7, 2010 | [Approved](#)

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- ▶ INCITS 203-1992 [S2017], Information Systems - Helical-Scan Digital Computer Tape Cartridge for Information Interchange (3.81 mm (0.150 in) Digital Data Storage (DDS) Recorded Format) (stabilized maintenance of INCITS 203-1992 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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- ▶ INCITS 204-1992 [S2017], Information Systems - Recorded Magnetic Tape for Information Interchange, 15 and 18 Track, 0.250-inch (6.35-mm) 10 000-bpi (394-bpm) Streaming Mode, Group Code Recording (stabilized maintenance of INCITS 204-1992 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 12, 2007 | [Approved](#)

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- ▶ INCITS 205-1992 [S2017], Helical-Scan Digital Computer Tape Cartridge, 3.81 mm (0.150 in), DATA/DAT Recorded Format for Information Interchange (stabilized maintenance of INCITS 205-1992 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 12, 2007 | [Approved](#)

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- ▶ INCITS 207-1991 [S2012], Office Machines and Supplies - Alphanumeric Machines - Alternate Keyboard Arrangement (stabilized maintenance of INCITS 207-1991 (R2007))  
Public Review Date: Aug 3, 2012 | Final Action Date: Oct 5, 2012 | [Approved](#)

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- ▶ INCITS 209-1992 [S2017], Information Systems - Optical Character Recognition (OCR) - Matrix Character Sets for OCR-MB (stabilized maintenance of INCITS 209-1992 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 23, 2007 | [Approved](#)

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- ▶ INCITS 21-1967 [S2017], Rectangular Holes in Twelve-Row Punched Cards (stabilized maintenance of INCITS 21-1967 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 210-2008 [S2013], Information technology - High-Performance Parallel Interface - Framing Protocol (HIPPI-FP) (stabilized maintenance of INCITS 210-2008)  
Public Review Date: Mar 22, 2013 | Final Action Date: Jun 26, 2013 | [Approved](#)

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- ▶ INCITS 212-1992 [S2022], Information Systems - 130-mm Rewritable Optical Disk Cartridge for Information Interchange (stabilized maintenance of INCITS 212-1992 (R2007))  
Public Review Date: Jun 8, 2012 | Final Action Date: Aug 20, 2012 | [Approved](#)

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- ▶ INCITS 213-1994 [S2019], Information Technology - 90-mm (3.54-in) Optical Disk Cartridge Rewritable and Read Only Using Discrete Block Format (DBF) Method for Digital Information Interchange (stabilized maintenance of INCITS 213-1994 (R2004))  
Public Review Date: Nov 7, 2008 | Final Action Date: Feb 2, 2009 | [Approved](#)

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- ▶ INCITS 214-1992 [S2022], Information Systems - 130-mm Write-Once Optical Disk Cartridge Using Sampled Servo and 4/15 Encoding (stabilized maintenance of INCITS 214-1992 (R2007))  
Public Review Date: Jun 8, 2012 | Final Action Date: Aug 20, 2012 | [Approved](#)

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- ▶ INCITS 215:1994 [S2018], Information Systems - Programming Languages - Forth (stabilized maintenance of INCITS 215:1994 [R2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Mar 16, 2018 | [Approved](#)

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- ▶ INCITS 218-2000 [S2015], Information technology - High-Performance Parallel Interface - Encapsulation of ISO/IEC 8802-2 (IEEE Std 802.2) Logical Link Control Protocol Data Units (HIPPI-LE) (stabilized maintenance of INCITS 218:2000 [R2010])  
Public Review Date: Aug 28, 2015 | Final Action Date: Dec 22, 2015 | [Approved](#)

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- ▶ INCITS 22-1983 [S2021], Recorded Magnetic Tape for Information Interchange (800 CPI, NRZI) (stabilized maintenance of INCITS 22-1983 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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- ▶ INCITS 220-1992 [S2022], Information Systems - Digital Information Interchange 130-mm Optical Disk Cartridges of the Write-Once, Read Multiple (WORM) Type, Using the Magnetic-Optical Effect (stabilized maintenance of INCITS 220-1992 (R2007))  
Public Review Date: Jun 8, 2012 | Final Action Date: Aug 20, 2012 | [Approved](#)

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- ▶ INCITS 222-1997 [S2022], Information technology - High-Performance Parallel Interface - Switch Control (HIPPI-SC) (stabilized maintenance of INCITS 222-1997 (R2007))  
Public Review Date: Jun 1, 2012 | Final Action Date: Aug 14, 2012 | [Approved](#)

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- ▶ INCITS 223-1995 [S2021], Data Compression Algorithm - Adaptive Coding with Embedded Dictionary (DCLZ Algorithm) for Information Interchange (stabilized maintenance of INCITS 223-1995 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 29, 2011 | [Approved](#)

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- ▶ INCITS 224-1994 [S2018], Extended Tape Format for Information Interchange, (18-Track, Parallel, 12.65 mm (0.50 in), 1491 cpmm (37 871 cpi), Group-Coded Recording) (stabilized maintenance of INCITS 224-1994 (R2004))  
Public Review Date: Oct 17, 2008 | Final Action Date: Dec 17, 2008 | [Approved](#)

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- ▶ INCITS 225-1994 [S2018], Compaction Algorithm, Binary Arithmetic Coding (stabilized maintenance of INCITS 225-1994 (R2004))  
Public Review Date: Oct 17, 2008 | Final Action Date: Dec 17, 2008 | [Approved](#)

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- ▶ INCITS 226-1994 [S2018], Programming Language Common Lisp (stabilized maintenance of INCITS 226-1994 (R2004))  
Public Review Date: Oct 17, 2008 | Final Action Date: Dec 17, 2008 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 227-1996 [S2021], Recorded Magnetic Tape Mini-Cartridge for Information Interchange - Serial, 0.250 in (6.30 mm) 20 Tracks, 10 000 bpi (394 bpmm) and 28-Track, 14 700 bpi (579 bpmm), MFM Encoded (stabilized maintenance of INCITS 227-1996 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 29, 2011 | [Approved](#)

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- ▶ INCITS 228-1993 [S2018], Information Systems - X.25 Data Transfer Phase (DTP) Procedures for Operation with Frame Relay (stabilized maintenance of INCITS 228-1993 (R2003))  
Public Review Date: Feb 22, 2008 | Final Action Date: Jun 19, 2008 | [Approved](#)

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- ▶ INCITS 229-1994 [S2018], Fiber Distributed Data Interface (FDDI) Station Management (SMT) (stabilized maintenance of INCITS 229-1994 (R2004))  
Public Review Date: Oct 17, 2008 | Final Action Date: Dec 17, 2008 | [Approved](#)

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- ▶ INCITS 231-1994 [S2018], Fiber Distributed Data Interface, (FDDI) Physical Layer Protocol - 2 (PHY-2) (stabilized maintenance of INCITS 231-1994 (R2004))  
Public Review Date: Oct 17, 2008 | Final Action Date: Dec 17, 2008 | [Approved](#)

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- ▶ INCITS 232-1996 [S2021], SCSI-2 Common Access Method Transport and SCSI Interface Module (stabilized maintenance of INCITS 232-1996 (R2006))  
Public Review Date: Sep 2, 2011 | Final Action Date: Dec 29, 2011 | [Approved](#)

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- ▶ INCITS 234-1993 [S2018], Information Systems - Test Methods for Media Characteristics - 130-mm Rewritable Optical Disk Data Storage Cartridges with Continuous Composite Servo (CCS) (stabilized maintenance of INCITS 234-1993 (R2003))  
Public Review Date: Feb 8, 2008 | Final Action Date: Jun 30, 2008 | [Approved](#)

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- ▶ INCITS 235-1995 [S2020], Unrecorded Magnetic Tape Cartridge for Information Interchange - 0.25 (6.30 mm), 10000 -12500 ftpi, (394 - 492 ftpmm) Coercivity 550 oersteds (44000 amperes/meter) (Types 6150, 6250, 6037) (stabilized maintenance of INCITS 235-1995 (R2005))  
Public Review Date: Feb 12, 2010 | Final Action Date: Jul 7, 2010 | [Approved](#)

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- ▶ INCITS 237-1995 [S2021], Fiber Distributed Data Interface (FDDI) Low-Cost Fiber Physical Layer - Medium Dependent (LCF-PMD) (stabilized maintenance of INCITS 237-1995 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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- ▶ INCITS 238-1994 [S2018], Information Technology- Programming Language - PL/B (stabilized maintenance of INCITS 238-1994 (R2004))  
Public Review Date: Jun 27, 2008 | Final Action Date: Oct 29, 2008 | [Approved](#)

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- ▶ INCITS 239-1994 [S2018], FDDI - Media Access Control-2 (MAC-2) (stabilized maintenance of INCITS 239-1994 (R2004))  
Public Review Date: Oct 17, 2008 | Final Action Date: Dec 19, 2008 | [Approved](#)

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- ▶ INCITS 241-1994 [S2018], Data Compression Method, Adaptive Coding with Sliding Window for Information Interchange (stabilized maintenance of INCITS 241-1994 (R2004))  
Public Review Date: Oct 17, 2008 | Final Action Date: Dec 17, 2008 | [Approved](#)

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- ▶ INCITS 242-1994 [S2018], Magnetic Tape Cartridge for Information Interchange, .50 in (12.65 mm) Serial Serpentine, 48-Track, 42 500 bpi (1 673 bpmm), DLT1 Format (stabilized maintenance of INCITS 242-1994 (R2004))  
Public Review Date: Oct 17, 2008 | Final Action Date: Dec 17, 2008 | [Approved](#)

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- ▶ INCITS 243-1996 [S2021], Serial Magnetic Tape Cartridge for Information Interchange, 26 Tracks, 0.250 in (6.35 mm), 16 000 bpi (630 bpmm), Streaming Mode, Group Code Recording (stabilized maintenance of INCITS 243-1996 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 244-1995 [S2020], Information Technology - Test Methods for Media Characteristics - 90 mm Read Only and Rewritable M.O. Optical Disk Data Storage Cartridges with Continuous Composite Servo (CCS) (stabilized maintenance of INCITS 244-1995 (R2005))  
Public Review Date: Oct 16, 2009 | Final Action Date: Jan 4, 2010 | [Approved](#)

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- ▶ INCITS 245-1995 [S2021], Abstract Test Suite for FDDI Media Access Control Conformance Testing (FDDI MAC ATS) (stabilized maintenance of INCITS 245-1995 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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- ▶ INCITS 246-1994 [S2019], Information Processing Systems - Test Methods for Media Characteristics of 90mm Read Only and Rewritable M.O. Optical Disk Data Storage Cartridge with Discrete Block Format (DBF) (stabilized maintenance of INCITS 246-1994 (R2004))  
Public Review Date: Nov 7, 2008 | Final Action Date: Feb 2, 2009 | [Approved](#)

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- ▶ INCITS 248-1996 [S2021], Abstract Test Suite for FDDI Physical Layer Protocol Conformance Testing (FDDI PHY ATS) (stabilized maintenance of INCITS 248-1996 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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- ▶ INCITS 249-1995 [S2020], Unrecorded Magnetic Tape Cartridge for Information Interchange, 0.25 in (6.35 mm), 10 000 - 14 700 fpi (394 579 ftpmm), Coercivity 550 oersteds (44 000 amperes/meter), (Types 2000, 2060, 2080, 2120) (stabilized maintenance of INCITS 249-1995 (R2005))  
Public Review Date: Feb 12, 2010 | Final Action Date: Jul 7, 2010 | [Approved](#)

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- ▶ INCITS 250-1996 [S2021], Recorded Magnetic Tape Mini-Cartridge for Information Interchange, 0.250 in (630 mm)12 and 24 Track,10000 bpi (394 bpmm) GCR (stabilized maintenance of INCITS 250-1996 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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- ▶ INCITS 251-1995 [S2020], Unrecorded Magnetic Tape Cartridge for Information Interchange, 0.25 in (6.35 mm), 20 000 fpi (787 ftpmm), Coercivity 550 oersteds (44 000 amperes/meter), (Types 6320, 6525, 6080, 6081) (stabilized maintenance of INCITS 251-1995 (R2005))  
Public Review Date: Feb 12, 2010 | Final Action Date: Jul 7, 2010 | [Approved](#)

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- ▶ INCITS 255-1996 [S2021], Abstract Test Suite for FDDI Physical Medium Dependent Conformance Testing (FDDI PMD ATS) (stabilized maintenance of INCITS 255-1996 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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- ▶ INCITS 256-2007 [S2017], Radio Frequency Identification (RFID) (stabilized maintenance of INCITS 256:2007 [R2012])  
Public Review Date: Jun 9, 2017 | Final Action Date: Dec 11, 2017 | [Approved](#)

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- ▶ INCITS 257-1997 [S2022], Information Technology - FDDI Station Management-2 Common Services (SMT-2-CS) (stabilized maintenance of INCITS 257-1997 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 5, 2012 | [Approved](#)

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- ▶ INCITS 258-1997 [S2022], Fibre Distributed Data Interface (FDDI) - Station Management-2 - Isochronous Services (SMT-2-IS) (stabilized maintenance of INCITS 258-1997 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 5, 2012 | [Approved](#)

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- ▶ INCITS 259-1997 [S2022], Information Technology - FDDI Station Management-2 Packet Services (SMT-2-PS) (stabilized maintenance of INCITS 259-1997 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 5, 2012 | [Approved](#)

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- ▶ INCITS 261-1996 [S2021], Extended Magnetic Tape Format for Information Interchange 36-track, Parallel Serpentine, 12.65 mm (0.50 in), 1491 cpmm (37 871 cpi) Group-Coded Recording (stabilized maintenance of INCITS 261-1996 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 262-1995 [S2020], Protocol Implementation Conformance Statement Proforma for FDDI (FDDI CT-PICS) (stabilized maintenance of INCITS 262-1995 (R2005))  
Public Review Date: Feb 12, 2010 | Final Action Date: Jul 7, 2010 | [Approved](#)

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- ▶ INCITS 263-1995 [S2020], Fiber Distributed Data interface (FDDI) Twisted Pair - Physical Medium Dependent (TP-PMD) (stabilized maintenance of INCITS 263-1995 (R2005))  
Public Review Date: Feb 12, 2010 | Final Action Date: Jul 7, 2010 | [Approved](#)

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- ▶ INCITS 264-1996 [S2021], Unrecorded Helical-Scan Digital Computer Tape Cartridge for Information Interchange, 19 mm (0.748 in) Type D-1 (stabilized maintenance of INCITS 264-1996 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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- ▶ INCITS 265-1995 [S2021], Unrecorded Magnetic Tape Cartridge for Information Interchange, 36-Track, Parallel Serpentine, Extended Length, 12.57 mm (0.495 in), 1944 ftpmm (49 378 fpi), Group-Coded Recording (stabilized maintenance of INCITS 265-1995 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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- ▶ INCITS 266-1996 [S2021], Magnetic Tape Cartridge for Information Interchange, .50 in (12.65 mm), Serial Serpentine, 112-Track, 42 500 bpi (1673 bpmm) (DLT2 Format) (stabilized maintenance of INCITS 266-1996 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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- ▶ INCITS 267-1996 [S2021], Helical-Scan Digital Computer Tape Cartridge, 12.65 mm (0.498 in) for Information Interchange (stabilized maintenance of INCITS 267-1996 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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- ▶ INCITS 269-1996 [S2021], SCSI-3 Fibre Channel Protocol (FCP) (stabilized maintenance of INCITS 269-1996 (R2006))  
Public Review Date: Sep 2, 2011 | Final Action Date: Dec 29, 2011 | [Approved](#)

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- ▶ INCITS 27-1987 [S2018], Magnetic Tape Labels and File Structure for Information Interchange (stabilized maintenance of INCITS 27-1987 (R2003))  
Public Review Date: Feb 22, 2008 | Final Action Date: Jun 19, 2008 | [Approved](#)

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- ▶ INCITS 273-1997 [S2022], Information Technology - CASE Tool Integration Messages (stabilized maintenance of INCITS 273-1997 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 5, 2012 | [Approved](#)

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- ▶ INCITS 274-1996 [S2018], Information Technology - Programming Language REXX (stabilized maintenance of INCITS 274-1996 (R2007))  
Public Review Date: Jun 27, 2008 | Final Action Date: Oct 29, 2008 | [Approved](#)

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- ▶ INCITS 274-1996/AM1-2000 [S2018], Information Technology - Programming Language REXX Amendment 1 (stabilized maintenance of INCITS 274-1996/AM1-2000 (R2007))  
Public Review Date: Jun 27, 2008 | Final Action Date: Oct 29, 2008 | [Approved](#)

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- ▶ INCITS 278-1997 [S2022], Information Technology - Fibre distributed data interface (FDDI) - Physical Layer Repeater Protocol (PHY-REP) (stabilized maintenance of INCITS 278-1997 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 5, 2012 | [Approved](#)

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- ▶ INCITS 280-1996 [S2021], Data Compression Algorithm Adaptive Lossless Data Compression (ALDC), Algorithm for Information Interchange (stabilized maintenance of INCITS 280-1996 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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- ▶ INCITS 282-1996 [S2021], Magnetic Tape Cartridge for Information Interchange, 0.50 in (12.65 mm) Serial Serpentine, 128-Track, 62 500 bpi (2460 bpmm), DLT3 Format (stabilized maintenance of INCITS 282-1996 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 284-2011 [R2021], Information Technology - Identification Cards - Health Care Identification Cards (reaffirmation of INCITS 284-2011 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)

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- ▶ INCITS 286-1997 [S2022], Information Technology - Abstract Test Suite for FDDI Station Management Conformance Testing (FDDI SMT ATS) (stabilized maintenance of INCITS 286-1997 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 5, 2012 | [Approved](#)

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- ▶ INCITS 29-1971 [S2020], Specifications for Properties of Unpunched Oiled Paper Perforator Tape (stabilized maintenance of INCITS 29-1971 (R2005))  
Public Review Date: Feb 12, 2010 | Final Action Date: Jul 7, 2010 | [Approved](#)

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- ▶ INCITS 293-1996 [S2021], Serial Storage Architecture - Physical Layer 1 (SSA-PH1) (stabilized maintenance of INCITS 293-1996 (R2006))  
Public Review Date: Sep 2, 2011 | Final Action Date: Dec 29, 2011 | [Approved](#)

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- ▶ INCITS 294-1996 [S2021], Serial Storage Architecture - SCSI-2 Protocol (SSA-S2P) (stabilized maintenance of INCITS 294-1996 (R2006))  
Public Review Date: Sep 2, 2011 | Final Action Date: Dec 29, 2011 | [Approved](#)

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- ▶ INCITS 295-1996 [S2021], Serial Storage Architecture - Transport Layer-1 (SSA-TL1) (stabilized maintenance of INCITS 295-1996 (R2006))  
Public Review Date: Sep 2, 2011 | Final Action Date: Dec 29, 2011 | [Approved](#)

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- ▶ INCITS 296-1997 [S2022], Information technology - Single Byte Command Code Sets CONnection (SBCON) (stabilized maintenance of INCITS 296-1997 (R2007))  
Public Review Date: Jun 1, 2012 | Final Action Date: Aug 14, 2012 | [Approved](#)

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- ▶ INCITS 30-1998 [S2018], Representation of Calendar Date and Ordinal Date for Information Interchange (stabilized maintenance of INCITS 30:1998 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 300-1997 [S2022], Information technology - High-Performance Parallel Interface - Serial Specification (HIPPI-Serial) (stabilized maintenance of INCITS 300-1997 (R2007))  
Public Review Date: Jun 1, 2012 | Final Action Date: Aug 14, 2012 | [Approved](#)

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- ▶ INCITS 302-1998 [S2013], Information technology - SCSI-3 Parallel Interface - 2 (SPI-2) (stabilized maintenance of INCITS 302-1998 (R2008))  
Public Review Date: Feb 1, 2013 | Final Action Date: May 6, 2013 | [Approved](#)

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- ▶ INCITS 303-1998 [S2013], Fibre Channel Physical and Signaling Interface-3 (FC-PH-3) (stabilized maintenance of INCITS 303-1998 (R2008))  
Public Review Date: Mar 22, 2013 | Final Action Date: Jun 26, 2013 | [Approved](#)

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- ▶ INCITS 305-1998 [R2018], Information technology - SCSI Enclosure Services (SES) (reaffirmation of INCITS 305-1998 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 305:1998 [R2013], Information technology - SCSI Enclosure Services (SES) (reaffirmation of INCITS 305-1998 (R2008))  
Public Review Date: Feb 1, 2013 | Final Action Date: Apr 12, 2013 | [Approved](#)

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- ▶ INCITS 305:1998/AM1:2000 [R2018], Information technology - SCSI Enclosure Services (SES) - Amendment 1 (reaffirmation of INCITS 305:1998/AM1:2000 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 306-1998 [R2018], Information technology - SCSI-3 Block Commands (SBC) (reaffirmation of INCITS 306:1998 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 307-1997 [S2022], Information Technology - Serial Storage Architecture - Physical Layer 2 (SSA-PH2) (stabilized maintenance of INCITS 307-1997 (R2007))  
Public Review Date: Apr 6, 2012 | Final Action Date: Jul 26, 2012 | [Approved](#)

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- ▶ INCITS 308-1997 [S2022], Information Technology - Serial Storage Architecture - Transport Layer 2 (SSA-TL2) (stabilized maintenance of INCITS 308-1997 (R2007))  
Public Review Date: Apr 6, 2012 | Final Action Date: Jul 24, 2012 | [Approved](#)

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- ▶ INCITS 309-1997 [S2022], Information Technology - Serial Storage Architecture - SCSI-3 Protocol (SSA-S3P) (stabilized maintenance of INCITS 309-1997 (R2007))  
Public Review Date: Apr 6, 2012 | Final Action Date: Jul 24, 2012 | [Approved](#)

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- ▶ INCITS 31-2009 [R2019], Information Technology - Codes for the Identification of Counties and Equivalent Areas of the United States, Puerto Rico, and the Insular Areas (reaffirmation of INCITS 31-2009 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 1, 2019 | [Approved](#)

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- ▶ INCITS 310-1998 [S2018], Information technology - Representation of Time for Information Interchange (stabilized maintenance of INCITS 310:1998 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 311:1998 [S2013], Magnetic Tape Format for Information Interchange, 128-Track, Parallel Serpentine, 12.65 mm (1/2 in), 3400 bpmm (86 360 bpi) Run Length Limited Recording (stabilized maintenance of INCITS 311-1998 (R2008))  
Public Review Date: Jun 7, 2013 | Final Action Date: Oct 14, 2013 | [Approved](#)

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- ▶ INCITS 312:1998 [S2013], Magnetic Tape Cartridge 0.50 in (12.65 mm), Serial Serpentine, 112-Track, 81 600 bpi (3213 bpmm), DLT4 Format (stabilized maintenance of INCITS 312-1998 (R2008))  
Public Review Date: Jun 7, 2013 | Final Action Date: Oct 14, 2013 | [Approved](#)

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- ▶ INCITS 314-1998 [S2013], Information technology - SCSI-3 Medium Changer Commands (SMC) (stabilized maintenance of INCITS 314-1998 (R2008))  
Public Review Date: Feb 1, 2013 | Final Action Date: May 6, 2013 | [Approved](#)

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- ▶ INCITS 315:1998 [S2013], Unrecorded magnetic tape cartridge for information interchange, 12.65 mm (0.498in), 128-track, parallel serpentine, 2550 ftpmm (64 770 ftpi) (stabilized maintenance of INCITS 315-1998 (R2008))  
Public Review Date: Jun 7, 2013 | Final Action Date: Oct 14, 2013 | [Approved](#)

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- ▶ INCITS 318-1998 (S2013), Information technology - SCSI Controller Commands - 2 (SCC-2) (stabilized maintenance of INCITS 318-1998 (R2008))  
Public Review Date: Feb 1, 2013 | Final Action Date: May 6, 2013 | [Approved](#)

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- ▶ INCITS 319-1998 [S2022], Information Technology - Programming Languages - Smalltalk (stabilized maintenance of INCITS 319-1998 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 6, 2012 | [Approved](#)

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- ▶ INCITS 320:1998 [R2013], Information technology - Spatial Data Transfer (reaffirmation of INCITS 320-1998 (R2008))  
Public Review Date: Feb 15, 2013 | Final Action Date: Apr 11, 2013 | [Approved](#)

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- ▶ INCITS 322-2015 [R2020], Information Technology - Card Durability Test Methods (reaffirmation of INCITS 322-2015)  
PINS Date: Feb 14, 2020 | Public Review Date: Jun 26, 2020 | Final Action Date: Oct 19, 2020 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 323-1998 [S2013], Information technology - High-Performance Parallel Interface - 6400 Mbit/s Physical Layer (HIPPI-6400-PH) (stabilized maintenance of INCITS 323-1998 (R2008))  
Public Review Date: Mar 22, 2013 | Final Action Date: Jun 26, 2013 | [Approved](#)

- ▶ INCITS 323-1998/AM 1-2001 [S2016], Information Technology - High-Performance Parallel Interface - 6400 Mbit/s Physical Layer (HIPPI-6400-PH) - Amendment 1 (stabilized maintenance of INCITS 323:1998/AM1:2001 [R2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Dec 1, 2016 | [Approved](#)

- ▶ INCITS 325-1998 [S2013], Information technology - SCSI-3 Serial Bus Protocol 2 (SBP-2) (stabilized maintenance of INCITS 325-1998 (R2008))  
Public Review Date: Feb 1, 2013 | Final Action Date: May 6, 2013 | [Approved](#)

- ▶ INCITS 328-2000 [S2015], Information Technology - 19 mm DD-2 Helical Scan Digital Computer Tape Cassette for Information Interchange (stabilized maintenance of INCITS 328:2000 [R2010])  
Public Review Date: Aug 28, 2015 | Final Action Date: Dec 22, 2015 | [Approved](#)

- ▶ INCITS 329-2000 [S2015], Magnetic Tape Cartridge for Information Interchange, 0.50 in (12.65 mm), Serial Serpentine, 208-Track, 85 940 bpi (3383 bpmm), DLT5 Format (stabilized maintenance of INCITS 329:2000 [R2010])  
Public Review Date: Aug 28, 2015 | Final Action Date: Dec 22, 2015 | [Approved](#)

- ▶ INCITS 330-2000 [S2015], Information technology - Reduced Block Commands (RBC) (stabilized maintenance of INCITS 330:2000 [R2010])  
Public Review Date: Aug 28, 2015 | Final Action Date: Dec 22, 2015 | [Approved](#)

- ▶ INCITS 330:2000/AM1:2003 [R2018], Information technology - Reduced Block Commands (RBC)- Amendment 1 (reaffirmation of INCITS 330:2000/AM1:2003 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

- ▶ INCITS 332-1999 [S2014], Information technology - Fibre Channel Arbitrated Loop (FC-AL-2) (stabilized maintenance of INCITS 332:1999 [R2009])  
Public Review Date: Jun 13, 2014 | Final Action Date: Dec 5, 2014 | [Approved](#)

- ▶ INCITS 332-1999/AM 2-2006 [S2016], Information technology - Fibre Channel Arbitrated Loop 2nd Generation (FC-AL-2) - Amendment 2 (stabilized maintenance of INCITS 332:1999, AM 2:2006 [R2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 29, 2016 | [Approved](#)

- ▶ INCITS 332:1999/AM1:2003 [S2013], Information technology - Fibre Channel Arbitrated Loop (FC-AL-2) Amendment 1 (stabilized maintenance of INCITS 332:1999/AM1-2003 (R2008))  
Public Review Date: May 17, 2013 | Final Action Date: Nov 26, 2013 | [Approved](#)

- ▶ INCITS 333-2000 [S2015], Information technology - SCSI Multi-Media Commands - 2 (MMC-2) (stabilized maintenance of INCITS 333:2000 [R2010])  
Public Review Date: Aug 28, 2015 | Final Action Date: Dec 22, 2015 | [Approved](#)

- ▶ INCITS 334-2000 [S2015], Information Technology - Magnetic Tape Cartridge for Information Interchange - 0.50 in (12.65 mm), Serial Serpentine 128-Track, 62 500 BPI (2 460 BPMM) DLT 3-XT Format (stabilized maintenance of INCITS 334:2000 [R2010])  
Public Review Date: Aug 28, 2015 | Final Action Date: Dec 22, 2015 | [Approved](#)

- ▶ INCITS 335-2000 [R2020], Information technology - Small Computer System Interface (SCSI-3) Stream Commands (SSC) (reaffirmation of INCITS 335-2000 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 8, 2020 | [Approved](#)

- ▶ INCITS 337-2000 [S2015], Information technology - Scheduled Transfer Protocol (ST) (stabilized maintenance of INCITS 337:2000 [R2010])  
Public Review Date: Aug 28, 2015 | Final Action Date: Dec 22, 2015 | [Approved](#)

**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 338:2003 [S2013], IT - High-Performance Parallel Interface - 6400 Mbit/s Optical Specifications (HIPPI-6400-OPT) (stabilized maintenance of INCITS 338-2003 (R2008))  
Public Review Date: Sep 13, 2013 | Final Action Date: Dec 18, 2013 | [Approved](#)

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- ▶ INCITS 34-1972 [S2020], Interchange Rolls of Perforated Tape for Information Interchange (stabilized maintenance of INCITS 34-1972 (R2005))  
Public Review Date: Feb 12, 2010 | Final Action Date: Jul 7, 2010 | [Approved](#)

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- ▶ INCITS 341:2000 [S2015], Information technology - 25.4 mm (1 in) Type DCRsi Recorded Instrumentation - Digital Cartridge Tape Format (stabilized maintenance of INCITS 341:2000 [R2010])  
Public Review Date: Aug 28, 2015 | Final Action Date: Dec 22, 2015 | [Approved](#)

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- ▶ INCITS 344-2001 [S2021], Information Technology - 12.65 mm wide Magnetic Tape Format for Information Interchange - Helical Scan Recording - Recorded Instrumentation Format (stabilized maintenance of INCITS 344-2001 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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- ▶ INCITS 345-2001 [S2021], Magnetic Tape Cartridge for Information Interchange, 0.5. in (12.65 mm) Serial Serpentine, 208-Track, 98 250 BPI (3868 BPMM), DLT 6 Format (stabilized maintenance of INCITS 345-2001 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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- ▶ INCITS 350-2003 [R2018], Information technology - SCSI Fibre Channel Protocol (FCP-2) (reaffirmation of INCITS 350:2003 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 356-2002 [S2022], Information technology - Fibre Channel Audio-Video (FC-AV) (stabilized maintenance of INCITS 356-2002 (R2007))  
Public Review Date: Jun 1, 2012 | Final Action Date: Aug 14, 2012 | [Approved](#)

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- ▶ INCITS 357-2002 [S2022], Information technology - Fibre Channel Virtual Interface Architecture Mapping Protocol (FC-VI) (stabilized maintenance of INCITS 357-2002 (R2007))  
Public Review Date: Jun 1, 2012 | Final Action Date: Aug 14, 2012 | [Approved](#)

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- ▶ INCITS 358-2002 [R2022], Information technology - BioAPI Specification (Version 1.1) (reaffirmation of INCITS 358-2002 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS 358-2002/AM 1-2007 [R2022], Information technology - BioAPI Specification (Version 1.1) - Amendment 1: Support for Biometric Fusion (reaffirmation of INCITS 358-2002/AM 1-2007 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS 359-2012 [R2022], Information technology - Role Based Access Control (reaffirmation of INCITS 359-2012 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS 360-2002 [S2017], Information Technology -SCSI Multimedia Commands - 3 (MMC-3) (stabilized maintenance of INCITS 360:2002 [R2012])  
Public Review Date: Jun 9, 2017 | Final Action Date: Dec 29, 2017 | [Approved](#)

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- ▶ INCITS 364:2003 [S2014], Information technology - Fibre Channel - 10 Gigabit (10GFC) (stabilized maintenance of INCITS 364:2003 [R2008])  
Public Review Date: Nov 8, 2013 | Final Action Date: Jan 23, 2014 | [Approved](#)

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- ▶ INCITS 364:2003/AM1:2007 [S2017], Information technology - Fibre Channel - 10 Gigabit (10GFC/AM1) - Amendment 1 (stabilized maintenance of INCITS 364:2003/AM1:2007 [R2012])  
Public Review Date: Jun 9, 2017 | Final Action Date: Dec 29, 2017 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 365-2002 [R2022], Information Technology - SCSI RDMA Protocol (SRP) (reaffirmation of INCITS 365-2002 [R2017])

Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS 366-2003 [R2018], Information technology - SCSI Architecture Model-2 (SAM-2) (reaffirmation of INCITS 366:2003 [R2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 367-2003 [S2018], Information technology - SCSI Parallel Interface - 5 (SPI-5) (stabilized maintenance of INCITS 367:2003 [R2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 368-2003 [S2018], Information technology - SCSI Passive Interconnect Performance (PIP) (stabilized maintenance of INCITS 368:2003 [R2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 369-2003 [R2018], Information technology - SCSI Signal Modeling (SSM-2) (reaffirmation of INCITS 369:2003 [R2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 37:1999 [S2014], Information Technology - Programming Language APT: Processor Input Language and System-Neutral CLFILE (stabilized maintenance of INCITS 37:1999 [R2009])

Public Review Date: May 9, 2014 | Final Action Date: Oct 20, 2014 | [Approved](#)

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- ▶ INCITS 371.1:2003 [S2013], Information technology - Real Time Locating Systems (RTLS) Part 1: 2.4 GHz Air Interface Protocol (stabilized maintenance of INCITS 371.1-2003 (R2008))

Public Review Date: Jun 7, 2013 | Final Action Date: Oct 14, 2013 | [Approved](#)

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- ▶ INCITS 371.3:2003 [S2013], Information technology - Real Time Locating Systems (RTLS) Part 3: Application Programming Interface (stabilized maintenance of INCITS 371.3-2003 (R2008))

Public Review Date: Jun 7, 2013 | Final Action Date: Oct 14, 2013 | [Approved](#)

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- ▶ INCITS 373-2003 [S2013], Information technology - Fibre Channel Framing and Signaling Interface (FC-FS) (stabilized maintenance of INCITS 373:2003 [R2008])

Public Review Date: Oct 25, 2013 | Final Action Date: Dec 30, 2013 | [Approved](#)

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- ▶ INCITS 374:2003/AM1:2007 [S2017], Information technology - Fibre Channel Single - Byte Command Set-3 (FC-SB-3) - Amendment 1 (stabilized maintenance of INCITS 374:2003/AM1:2007 [R2012])

Public Review Date: Jun 9, 2017 | Final Action Date: Dec 29, 2017 | [Approved](#)

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- ▶ INCITS 375-2004 [R2018], Information technology - Serial Bus Protocol 3 (SBP-3) (reaffirmation of INCITS 375:2004 [R2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 378-2009 [S2019], Information Technology - Finger Minutiae Format for Data Interchange (stabilized maintenance of INCITS 378-2009 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 4, 2019 | [Approved](#)

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- ▶ INCITS 378:2009/AM 1:2010 [R2020], Information Technology - Finger Minutiae Format for Data Interchange - Amendment 1 (reaffirmation of INCITS 378:2009/AM 1:2010 [R2015])

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 19, 2020 | [Approved](#)

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- ▶ INCITS 38-2009 [R2019], Information Technology - Codes for the Identification of the States and Equivalent Areas within the United States, Puerto Rico, and the Insular Areas (reaffirmation of INCITS 38-2009 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 1, 2019 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 380-2004 [R2018], Information technology - Small Computer System Interface (SCSI) - SCSI Stream Commands-2 (SSC-2) (reaffirmation of INCITS 380:2004 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 381-2009 [S2019], Information Technology - Finger Image Based Data Interchange Format (stabilized maintenance of [INCITS 381-2009 [R2014]])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 4, 2019 | [Approved](#)

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- ▶ INCITS 381-2009/AM 1:2011 [R2021], Information technology - Finger Image Based Data Interchange Format - Amendment 1 (reaffirmation of INCITS 381-2009/AM 1:2011 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)

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- ▶ INCITS 382-2004 [R2018], Information technology - SCSI Media Changer Command Set, version 2 (SMC-2) (reaffirmation of INCITS 382:2004 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 383-2008 [R2018], Information Technology - Biometric Profile - Interoperability and Data Interchange - Biometrics Based Verification and Identification of Transportation Workers (reaffirmation of INCITS 383:2008 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 385-2004 [S2019], Information technology - Face Recognition Format for Data Interchange (stabilized maintenance of INCITS 385-2004 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 4, 2019 | [Approved](#)

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- ▶ INCITS 386-2004 [S2014], Information Technology - Host Bus Adapter Application Programming Interface (FC-HBA) (stabilized maintenance of INCITS 386:2004 [R2009])  
Public Review Date: Jun 13, 2014 | Final Action Date: Dec 5, 2014 | [Approved](#)

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- ▶ INCITS 39-1986 [S2017], Recorded Magnetic Tape for Information Interchange (1600 CPI, PE) (stabilized maintenance of INCITS 39-1986 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 12, 2007 | [Approved](#)

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- ▶ INCITS 398-2008 [R2018], Information technology - Common Biometric Exchange Formats Framework (CBEFF) (reaffirmation of INCITS 398:2008 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 399-2004 [S2014], Information technology - Fibre Channel Switch Application Programming Interface (FC-SWAPI) (stabilized maintenance of INCITS 399:2004 [R2009])  
Public Review Date: Jun 13, 2014 | Final Action Date: Dec 5, 2014 | [Approved](#)

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- ▶ INCITS 4-1986 [R2022], Information Systems - Coded Character Sets - 7- Bit Standard Code for Information Interchange (7-Bit ASCII) (reaffirmation of INCITS 4-1986 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)

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- ▶ INCITS 40-1993 [S2018], Unrecorded Magnetic Tape for Information Interchange (9-Track, 800 CPI, NRZI; 1600 CPI, PE; and 6250 CPI, GCR) (stabilized maintenance of INCITS 40-1993 (R2003))  
Public Review Date: Feb 22, 2008 | Final Action Date: Jun 19, 2008 | [Approved](#)

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- ▶ INCITS 401-2005 [S2015], Information technology - SCSI Multimedia Commands - 4 (MMC-4) (stabilized maintenance of INCITS 401:2005 [R2010])  
Public Review Date: Aug 28, 2015 | Final Action Date: Dec 22, 2015 | [Approved](#)

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- ▶ INCITS 403-2005 [R2020], Information technology — Automation/Drive Interface - Commands (ADC) (reaffirmation of INCITS 403-2005 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 8, 2020 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 404-2006 [S2016], Information technology - Fibre Channel Physical Interfaces - 2 (FC-PI-2) (stabilized maintenance of INCITS 404:2006 [R2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 3, 2016 | [Approved](#)

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- ▶ INCITS 405-2005 [S2015], Information technology - SCSI Block Commands - 2 (SBC-2) (stabilized maintenance of INCITS 405:2005 [R2010])  
Public Review Date: Aug 28, 2015 | Final Action Date: Dec 22, 2015 | [Approved](#)

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- ▶ INCITS 406-2005 [R2020], Information technology — Automation/Drive Interface – Transport Protocol (ADT) (reaffirmation of INCITS 406-2005 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 8, 2020 | [Approved](#)

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- ▶ INCITS 409.4-2006 [R2021], Information technology - Biometric Performance Testing and Reporting - Part 4: Operational Testing Methodologies (reaffirmation of INCITS 409.4-2006 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)

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- ▶ INCITS 409.5-2011 [R2021], Information Technology -Biometric Performance Testing and Reporting - Part 5: Framework for Testing and Evaluation of Biometric System(s) for Access Control (reaffirmation of INCITS 409.5-2011 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)

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- ▶ INCITS 410:2015 [R2020], Information Technology - Identification Cards - Limited Use (LU), Proximity Integrated Circuit Card (PICC) (reaffirmation of INCITS 410:2015)  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 19, 2020 | [Approved](#)

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- ▶ INCITS 411-2007 [S2017], Information technology - iSCSI Management API, Version 1.1.6 (stabilized maintenance of INCITS 411:2007 [R2012])  
Public Review Date: Jun 9, 2017 | Final Action Date: Dec 29, 2017 | [Approved](#)

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- ▶ INCITS 412-2006 [S2016], Information technology - SNIA Multipath Management API Specification, Version 1.0.1 (stabilized maintenance of INCITS 412:2006 [R2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 3, 2016 | [Approved](#)

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- ▶ INCITS 413-2007 [S2017], Information technology - RapidIO(TM) Interconnect Specification (version 1.3) (stabilized maintenance of INCITS 413:2007 [R2012])  
Public Review Date: Jun 9, 2017 | Final Action Date: Dec 29, 2017 | [Approved](#)

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- ▶ INCITS 414-2006 [S2016], Information technology - Fibre Channel Backbone - Generation 3 (FC-BB-3) (stabilized maintenance of INCITS 414:2006 [R2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 29, 2016 | [Approved](#)

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- ▶ INCITS 415-2006 [R2022], Information technology - Homeland Security Mapping Standard - Point Symbology for Emergency Management (reaffirmation of INCITS 415-2006 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS 417-2006 [S2016], Information technology - Serial Attached SCSI-2 (SAS-1.1) (stabilized maintenance of INCITS 417:2006 [R2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Dec 2, 2016 | [Approved](#)

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- ▶ INCITS 418-2006 [S2021], Information Technology - Switch Fabric - Generation 4 (FC-SW-4) (stabilized maintenance of INCITS 418-2006 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS 419-2008 [S2018], Information technology - Fibre Channel Backbone (FC-BB-4) (stabilized maintenance of INCITS 419:2008 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 6, 2018 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 423.1-2008 [R2018], Information technology - Conformance Testing Methodology Standard for Biometric Data Interchange Format Standards - Part 1: Generalized Conformance Testing Methodology (reaffirmation of INCITS 423.1:2008 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)
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- ▶ INCITS 423.2-2008 [R2018], Information technology - Conformance Testing Methodology Standard for Biometric Data Interchange Format Standards - Part 2: Conformance Testing Methodology for INCITS 378-2004, Finger Minutiae Format for Data Interchange (reaffirmation of INCITS 423.2:2008 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)
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- ▶ INCITS 423.4-2009 [S2019], Information Technology - Conformance Testing Methodology Standard for Biometric Data Interchange Format Standards- Part 4: Conformance Testing Methodology for INCITS 381-2004, Finger Image-Based Data Interchange Format (stabilized maintenance of INCITS 423.4-2009 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 4, 2019 | [Approved](#)
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- ▶ INCITS 424-2007 [S2017], Information technology - Fibre Channel Framing and Signaling - 2 (FC-FS-2) (stabilized maintenance of INCITS 424:2007 [R2012])  
Public Review Date: Jun 9, 2017 | Final Action Date: Dec 29, 2017 | [Approved](#)
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- ▶ INCITS 424:2007/AM1:2007 [S2017], Information technology - Fibre Channel Framing and Signaling - 2 (FC-FS-2) - Amendment 1 (stabilized maintenance of INCITS 424:2007/AM1:2007 [R2012])  
Public Review Date: Jun 9, 2017 | Final Action Date: Dec 29, 2017 | [Approved](#)
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- ▶ INCITS 426-2007 [S2017], Information technology - Fibre Channel Security Protocols (FC-SP) (stabilized maintenance of INCITS 426:2007 [R2012])  
Public Review Date: Jun 9, 2017 | Final Action Date: Dec 29, 2017 | [Approved](#)
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- ▶ INCITS 427-2007 [S2017], Information technology - Fibre Channel Generic Services-5 (FC-GS-5) (stabilized maintenance of INCITS 427:2007 [R2012])  
Public Review Date: Jun 9, 2017 | Final Action Date: Dec 29, 2017 | [Approved](#)
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- ▶ INCITS 428-2007 [S2017], Information technology - Storage Management - Host Bus Adapter Application Programming Interface (SM-HBA) (stabilized maintenance of INCITS 428:2007 [R2012])  
Public Review Date: Jun 9, 2017 | Final Action Date: Dec 29, 2017 | [Approved](#)
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- ▶ INCITS 429-2008 [R2018], Information technology - Conformance Testing Methodology for INCITS 358-2002, BioAPI Specification (reaffirmation of INCITS 429:2008 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)
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- ▶ INCITS 430-2007 [S2017], Information technology - Multi-Media Commands - 5 (MMC-5) (stabilized maintenance of INCITS 430:2007 [R2012])  
Public Review Date: Jun 9, 2017 | Final Action Date: Dec 29, 2017 | [Approved](#)
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- ▶ INCITS 431-2007 [R2022], Information technology - SCSI/ATA Translation (SAT) (reaffirmation of INCITS 431-2007 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)
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- ▶ INCITS 432-2007 [S2017], Information technology - Fabric Application Interface Standard (FAIS) (stabilized maintenance of INCITS 432:2007 [R2012])  
Public Review Date: Jun 9, 2017 | Final Action Date: Dec 29, 2017 | [Approved](#)
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- ▶ INCITS 433-2007 [S2017], Information technology - Fibre Channel - Link Services (FC-LS) (stabilized maintenance of INCITS 433:2007 [R2012])  
Public Review Date: Jun 9, 2017 | Final Action Date: Dec 29, 2017 | [Approved](#)
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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 434-2007 [R2022], Information technology - Tenprint Capture Using BioAPI (reaffirmation of INCITS 434-2007 [R2017])

Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS 435-2007 [S2017], Information technology - Fibre Channel BaseT (FC-BaseT) (stabilized maintenance of INCITS 435:2007 [R2012])

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- ▶ INCITS 437-2008 (S2018), Information technology - Fibre Channel - SATA Tunneling Protocol (FC-SATA) (stabilized maintenance of INCITS 437:2008 [R2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 7, 2018 | [Approved](#)

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- ▶ INCITS 438-2008 [S2018], Information technology - Server Management Command Line Protocol (SM CLP) Specification (stabilized maintenance of INCITS 438:2008 [R2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 7, 2018 | [Approved](#)

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- ▶ INCITS 440:2015 [R2020], Information Technology – Card Durability / Service Life (reaffirmation of INCITS 440:2015)

PINS Date: Feb 14, 2020 | Public Review Date: Jun 26, 2020 | Final Action Date: Oct 19, 2020 | [Approved](#)

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- ▶ INCITS 441:2008 [R2013], Information technology - Automation/Drive Interface - Commands-2 (ADC-2) (reaffirmation of INCITS 441-2008)

Public Review Date: Feb 1, 2013 | Final Action Date: Apr 12, 2013 | [Approved](#)

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- ▶ INCITS 442:2010 [R2020], Information Technology – Biometric Identity Assurance Services (BIAS) (reaffirmation of INCITS 442:2010 [R2015])

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 19, 2020 | [Approved](#)

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- ▶ INCITS 443-2008 [S2018], Information technology - Fibre Channel Storage Network PING (SNPing) (stabilized maintenance of INCITS 443:2008 [R2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 7, 2018 | [Approved](#)

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- ▶ INCITS 446-2008 [R2018], Information Technology - Identifying Attributes for Named Physical and Cultural Geographic Features (Except Roads and Highways) of the United States, Territories, Outlying Areas, and Freely Associated Areas, and the Waters of the Same to the Limit of the Twelve-Mile Statutory Zone (reaffirmation of INCITS 446:2008 [R2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 447:2008 [R2013], Information technology - SCSI Architecture Model - 4 (SAM-4) (reaffirmation of INCITS 447-2008)

Public Review Date: Feb 1, 2013 | Final Action Date: Apr 12, 2013 | [Approved](#)

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- ▶ INCITS 449-2008 [S2018], Information technology - Fabric Application Interface Standard (FAIS-2) (stabilized maintenance of INCITS 449:2008 [R2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 6, 2018 | [Approved](#)

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- ▶ INCITS 45-1982 [S2017], Information Systems - Character Set for Handprinting (stabilized maintenance of INCITS 45-1982 (R2002))

Public Review Date: Apr 6, 2007 | Final Action Date: Jul 12, 2007 | [Approved](#)

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- ▶ INCITS 450-2009 [S2019], Information technology - Fibre Channel - Physical Interface - 4 (FC-PI-4) (stabilized maintenance of INCITS 450-2009 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 4, 2019 | [Approved](#)

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- ▶ INCITS 451-2008 [R2018], Information technology - AT Attachments-8 ATA/ATAPI Architecture Model (ATA8-AAM) (reaffirmation of INCITS 451:2008 [R2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Oct 18, 2018 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 452-2009 [R2019], Information technology - AT Attachment-8 ATA/ATAPI Command Set (ATA8-ACS) (reaffirmation of INCITS 452-2009 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Oct 29, 2019 | [Approved](#)

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- ▶ INCITS 452-2009/AM 1:2010 [R2020], Information Technology - AT Attachment-8 ATA/ATAPI Command Set (ATA8-ACS) - Amendment 1 (reaffirmation of INCITS 452-2009/AM 1:2010 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 8, 2020 | [Approved](#)

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- ▶ INCITS 454-2009 [R2019], Information Technology - Codes for the Identification of Metropolitan and Micropolitan Statistical Areas and Related Statistical Areas of the United States and Puerto Rico (reaffirmation of INCITS 454-2009 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 1, 2019 | [Approved](#)

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- ▶ INCITS 455-2009 [R2019], Information Technology - Codes for the Identification of Congressional Districts and Equivalent Areas of the United States, Puerto Rico, and the Insular Areas (reaffirmation of INCITS 455-2009 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 1, 2019 | [Approved](#)

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- ▶ INCITS 457-2010 [R2020], Information technology - Serial Attached SCSI - 2 (SAS-2) (reaffirmation of INCITS 457-2010 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ INCITS 458-2011 [R2021], Information technology - SCSI Object-Based Storage Device Commands-2 (OSD-2) (reaffirmation of INCITS 458-2011 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)

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- ▶ INCITS 459-2011 [R2021], Information Technology - Requirements for the Implementation and Interoperability of Role Based Access Control (reaffirmation of INCITS 459-2011 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)

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- ▶ INCITS 46-1974 [S2017], Unrecorded Magnetic Six-Disk Pack (General, Physical, and Magnetic Characteristics) (stabilized maintenance of INCITS 46-1974 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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- ▶ INCITS 460-2011 [S2021], Information Technology - Fibre Channel - Physical Interface - 3 (FC-PI-3) (stabilized maintenance of INCITS 460-2011 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS 461-2010 [S2020], Information technology - Fibre Channel - Switch Fabric - 5 (FC-SW-5) (stabilized maintenance of INCITS 461-2010 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS 462-2010 [S2020], Information Technology - Fibre Channel - Backbone - 5 (FC-BB-5) (stabilized maintenance of INCITS 462-2010 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS 462-2010/AM1-2012 [R2017], Information technology - Fibre Channel - Backbone - 5 (FC-BB-5) - Amendment 1 (reaffirmation of INCITS 462:2010/AM1:2012)  
Public Review Date: Jun 9, 2017 | Final Action Date: Jan 17, 2018 | [Approved](#)

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- ▶ INCITS 463-2010 [S2020], Information Technology - Fibre Channel - Generic Services - 6 (FC-GS-6) (stabilized maintenance of INCITS 463-2010 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS 464-2010 [S2020], Information Technology - Information Management - Extensible Access Method (XAM) (stabilized maintenance of INCITS 464-2010 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 465-2010 [R2020], Information technology - SCSI/ATA Translation - 2 (SAT-2) (reaffirmation of INCITS 465-2010 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ INCITS 466-2011 [S2021], Information Technology - Fibre Channel - Single Byte Command Code Sets Mapping Protocol - 4 (FC-SB-4) (stabilized maintenance of INCITS 466-2011 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS 467-2011 [R2021], Information technology - SCSI Stream Commands - 3 (SSC-3) (reaffirmation of INCITS 467-2011 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)

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- ▶ INCITS 468-2010 [R2020], Information technology - Multi-media Command Set - 6 (MMC-6) (reaffirmation of INCITS 468-2010 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ INCITS 468-2010/AM1-2012 [R2022], Information technology - Multi-media Command Set - 6 (MMC-6) - Amendment 1 (reaffirmation of INCITS 468-2010/AM1-2012 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS 469-2015 [R2020], Information technology - Open Virtualization Format (OVF) specification (reaffirmation of INCITS 469-2015)  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ INCITS 470-2011 [S2021], Information technology - Fibre Channel - Framing and Signaling - 3 (FC-FS-3) (stabilized maintenance of INCITS 470-2011 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS 471-2010 [R2020], Information technology - USB Attached SCSI (UAS) (reaffirmation of INCITS 471-2010 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ INCITS 472-2011 [R2021], Information Technology – Automation/Drive Interface - Transport Protocol - 2 (ADT-2) (reaffirmation of INCITS 472-2011 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)

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- ▶ INCITS 473-2011 [R2021], Information Technology - Conformance Testing Methodology Standard for Patron Formats Conforming to INCITS 398 2008 Information Technology - Common Biometric Exchange Formats Framework CBEFF (reaffirmation of INCITS 473-2011 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)

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- ▶ INCITS 474-2011 [R2021], Information Technology – Biometric Application Programming Interface – Java (BioAPI Java) (reaffirmation of INCITS 474-2011 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)

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- ▶ INCITS 475-2011 [S2021], Information Technology - Fibre Channel - Inter-Fabric Routing (FC-IFR) (stabilized maintenance of INCITS 475-2011 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS 477-2011 [S2021], Information Technology - Fibre Channel -Link Services - 2 (FC-LS-2) (stabilized maintenance of INCITS 477-2011 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS 478-2011 [R2021], Information technology - Serial Attached SCSI - 2.1 (SAS-2.1) (reaffirmation of INCITS 478-2011 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 478-2011/AM 1-2014 [R2019], Information technology - Serial Attached SCSI - 2.1 (SAS-2.1) - Amendment 1 (reaffirmation of INCITS 478-2011/AM 1-2014)  
Public Review Date: Aug 2, 2019 | Final Action Date: Oct 31, 2019 | [Approved](#)
- ▶ INCITS 479-2011 [S2021], Information Technology - Fibre Channel - Physical Interface-5 (FC-PI-5) (stabilized maintenance of INCITS 479-2011 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)
- ▶ INCITS 479-2011/AM 1-2016 [R2021], Information Technology - Fibre Channel - Physical Interface - 5/Amendment 1 (FC-PI-5/AM1) (reaffirmation of INCITS 479-2011/AM 1-2016)  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)
- ▶ INCITS 48-1986 [S2017], Magnetic Tape Cassette for Information Interchange, 3.81 mm (0.150 in) Tape at 32 bpmm (800 bpi), PE (includes ANSI X3.48/TC-1-1995) (stabilized maintenance of INCITS 48-1986 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 12, 2007 | [Approved](#)
- ▶ INCITS 48-1986/TC 1:1995 [S2016], Information Systems - Magnetic Tape Cassette for Information Interchange (3.81 mm, 01.50 inch) Tape at 32 bpmm (800 BPI), Phase Enclosed - Technical Corrigendum 1 (stabilized maintenance of INCITS 48:1986/TC:1:1995 [R2006])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 3, 2016 | [Approved](#)
- ▶ INCITS 480-2011 [S2021], Information technology - BIOS Enhanced Disk Drive Services - 4 (EDD-4) (stabilized maintenance of INCITS 480-2011 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)
- ▶ INCITS 480-2011/AM1-2015, Information technology - BIOS Enhanced Disk Drive Specification - 4 (EDD-4) - Amendment 1 (supplement to ANSI INCITS 480-2011)  
Public Review Date: Mar 13, 2015 | Final Action Date: Oct 2, 2015 | [Approved](#)
- ▶ INCITS 481-2011 [R2021], Information technology - Fibre Channel Protocol for SCSI - 4 (FCP-4) (reaffirmation of INCITS 481-2011 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)
- ▶ INCITS 481-2011/AM1-2018, Information technology - Fibre Channel Protocol for SCSI - 4 (FCP-4) - Amendment 1 (addenda to INCITS 481-2011 [R2016])  
PINS Date: May 13, 2016 | Public Review Date: Apr 28, 2017 | Final Action Date: Mar 20, 2018 | [Approved](#)
- ▶ INCITS 482-2012 [R2022], Information technology - ATA/ATAPI Command Set - 2 (ACS-2) (reaffirmation of INCITS 482-2012 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)
- ▶ INCITS 483-2012 [S2022], Information Technology - Virtualization Management Specification (stabilized maintenance of INCITS 483-2012 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)
- ▶ INCITS 484-2012 [R2022], Information Technology – SCSI Media Changer Commands - 3 (reaffirmation of INCITS 484-2012 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)
- ▶ INCITS 485-2014 [R2019], Information Technology - Fibre Channel - Single-Byte Command Code Sets Mapping Protocol - 5 (FC-SB-5) (reaffirmation of INCITS 485-2014)  
Public Review Date: Aug 2, 2019 | Final Action Date: Dec 9, 2019 | [Approved](#)
- ▶ INCITS 487-2018, Information technology - Fibre Channel - Link Services - 3 (FC-LS-3) (new standard)  
PINS Date: May 27, 2011 | Public Review Date: Mar 3, 2017 | Final Action Date: Jul 10, 2018 | [Approved](#)

**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 488-2016 [R2021], Information Technology - Fibre Channel - Framing And Signaling - 4 (FC-FS-4) (reaffirmation of INCITS 488-2016)  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS 489-2014 [R2019], Information technology - SCSI over PCIe (RTM) architecture (SOP) (reaffirmation of INCITS 489-2014)  
Public Review Date: Aug 2, 2019 | Final Action Date: Dec 9, 2019 | [Approved](#)

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- ▶ INCITS 49-1975 [S2017], Character Set for Optical Character Recognition (OCR-B) (stabilized maintenance of INCITS 49-1975 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 12, 2007 | [Approved](#)

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- ▶ INCITS 491-2017 [R2022], Information technology - SCSI/ATA Translation - 4 (SAT-4) (reaffirmation of INCITS 491-2017)  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS 492-2015 [R2020], Information technology - SAS Protocol Layer (SPL-3) (reaffirmation of INCITS 492-2015)  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 8, 2020 | [Approved](#)

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- ▶ INCITS 493-2012 [R2017], Information Technology - AT Attachment-8 - Serial Transport (ATA8-AST) (reaffirmation of INCITS 493-2012)  
Public Review Date: Jun 9, 2017 | Final Action Date: Dec 14, 2017 | [Approved](#)

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- ▶ INCITS 493-2012 [R2022], Information Technology - AT Attachment-8 - Serial Transport (ATA8-AST) (reaffirmation of INCITS 493-2012 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS 494-2012 [R2022], Information technology - Role Based Access Control - Policy Enhanced (reaffirmation of INCITS 494-2012 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS 495-2012 [S2022], Information Technology -- Platform Management Specification, Volumes 1 And 2 (stabilized maintenance of INCITS 495-2012 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS 496-2012 [S2022], Information Technology - Fibre Channel - Security Protocols - 2 (FC-SP-2) (stabilized maintenance of INCITS 496-2012 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS 496-2012/AM1-2015 [R2020], Information Technology - Fibre Channel - Security Protocols - 2/Amendment 1 - (FC-SP-2/AM1) (reaffirmation of INCITS 496-2012/AM1-2015)  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ INCITS 497-2012 [R2022], Information Technology – Automation/Drive Interface Commands - 3 (ADC - 3) (reaffirmation of INCITS 497-2012 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS 498-2012 [S2022], Information Technology - CIM Representations Of Management Specification (stabilized maintenance of INCITS 498-2012 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS 499:2018, Information technology - Next Generation Access Control - Functional Architecture (revision of INCITS 499-2013)  
PINS Date: Apr 11, 2014 | Public Review Date: Dec 30, 2016 | Final Action Date: Jan 3, 2018 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 501-2016 [R2021], Information technology - Security Features for SCSI Commands (SFSC) (reaffirmation of INCITS 501-2016)  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)

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- ▶ INCITS 502-2019, Information technology - SCSI Primary Commands - 5 (SPC-5) (new standard)  
PINS Date: Apr 13, 2012 | Public Review Date: Jul 5, 2019 | Final Action Date: Dec 31, 2019 | [Approved](#)

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- ▶ INCITS 503-2022, Information technology - SCSI Stream Commands - 5 (SSC-5) (new standard)  
PINS Date: Apr 13, 2012 | Public Review Date: Sep 10, 2021 | Final Action Date: Feb 15, 2022 | [Approved](#)

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- ▶ INCITS 504-1-2013/AM1-2016 [R2021], Information technology - Generic Identity Command Set Part 1: Card Application Command Set - Amendment 1 (reaffirmation of INCITS 504-1-2013/AM1-2016)  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)

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- ▶ INCITS 504-1:2013 [R2018], Information technology – Generic Identity Command Set –(GICS) - Part 1: Card Application Command Set (reaffirmation of INCITS 504-1-2013)  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 504-2-2013 [R2018], Information technology - Generic Identity Command Set (GICS) - Part 2: Card Administrative Command Set (reaffirmation of INCITS 504:2:2013)  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 504-2-2013/AM 1-2016 [R2021], Information Technology - Generic Identity Command Set - Part 2: Card Administrative Command Set - Amendment 1 (reaffirmation of INCITS 504-2-2013/AM 1-2016)  
PINS Date: Mar 28, 2014 | Public Review Date: Apr 9, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)

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- ▶ INCITS 504-2:2013/AM 1-2016, Information Technology - Generic Identity Command Set - Part 2: Card Administrative Command Set - Amendment 1 (supplement to INCITS 504-2:2013)  
PINS Date: Mar 28, 2014 | Public Review Date: Nov 20, 2015 | Final Action Date: Apr 25, 2016 | [Approved](#)

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- ▶ INCITS 504-3-2016 [R2021], Information Technology -Generic Identity Command Set Part 3: GICS Platform Testing Requirements (reaffirmation of INCITS 504-3-2016)  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)

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- ▶ INCITS 504-4-2013 [R2018], Information technology - Generic Identity Command Set (GICS) - Part 4: Card Application Profile Template (reaffirmation of INCITS 504-4-2013)  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 505-2013 [R2018], Information technology - SAS Protocol Layer - 2 (SPL-2) (reaffirmation of INCITS 505 -2013)  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 506-2021, Information technology - SBC-4 (SCSI Block Commands - 4) (new standard)  
PINS Date: Oct 26, 2012 | Public Review Date: Nov 13, 2020 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ INCITS 507-2016 [R2021], Information technology - PCIe® architecture Queuing Interface - 2(PQI-2) (reaffirmation of INCITS 507-2016)  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)

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- ▶ INCITS 508-2014 [R2019], Information Technology - Storage Management - Host Bus Adapter Application Programming Interface - 2nd Generation (SM-HBA-2) (reaffirmation of INCITS 508-2014)  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 4, 2019 | [Approved](#)

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- ▶ INCITS 509-2014 [R2019], Information Technology - Fibre Channel - Backbone - 6 (FC-BB-6) (reaffirmation of INCITS 509-2014)  
Public Review Date: Aug 2, 2019 | Final Action Date: Dec 9, 2019 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 510-2017 [R2022], Information technology - Fibre Channel -- Generic Services — 7 (FC-GS-7) (reaffirmation of INCITS 510-2017)

Public Review Date: May 13, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)

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- ▶ INCITS 511-2016 [R2021], Information Technology - Fibre Channel - Switch Fabric - 6 (FC-SW-6) (reaffirmation of INCITS 511-2016)

Public Review Date: Apr 9, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)

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- ▶ INCITS 512-2015 [R2020], Information Technology - Fibre Channel - Physical Interface-6 (FC-PI-6) (reaffirmation of INCITS 512-2015)

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ INCITS 513-2015 [R2020], Information technology – SCSI Primary Commands – 4 (SPC-4) (reaffirmation of INCITS 513-2015)

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 8, 2020 | [Approved](#)

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- ▶ INCITS 514-2014 [R2019], Information technology - SCSI Block Commands - 3 (SBC-3) (reaffirmation of INCITS 514-2014)

Public Review Date: Aug 2, 2019 | Final Action Date: Dec 10, 2019 | [Approved](#)

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- ▶ INCITS 515-2016 [R2021], Information technology - SCSI Architecture Model - 5 (SAM-5) (reaffirmation of INCITS 515-2016)

Public Review Date: Apr 9, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)

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- ▶ INCITS 516-2013 [R2018], Information technology - SCSI Stream Commands (SSC-4) (reaffirmation of INCITS 516-2013)

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 517-2015 [R2020], Information technology – SCSI / ATA Translation – 3 (SAT-3) (reaffirmation of INCITS 517-2015)

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 8, 2020 | [Approved](#)

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- ▶ INCITS 518-2017 [R2022], Information technology - SCSI Enclosure Services - 3 (SES-3) (reaffirmation of INCITS 518-2017)

Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS 519-2014 [R2019], Information technology - Serial Attached SCSI-3 (SAS-3) (reaffirmation of INCITS 519-2014)

Public Review Date: Aug 2, 2019 | Final Action Date: Dec 16, 2019 | [Approved](#)

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- ▶ INCITS 52-1976 [S2017], Unrecorded Single Disk Cartridge (Front Loading, 22000 BPI), General, Physical, and Magnetic Requirements (stabilized maintenance of INCITS 52-1976 (R2002))

Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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- ▶ INCITS 522-2014 [R2020], Information Technology - ATA/ATAPI Command Set - 3 (ACS-3) (reaffirmation of INCITS 522-2014)

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 8, 2020 | [Approved](#)

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- ▶ INCITS 522-2014/AM 1-2018, Information technology - ATA/ATAPI Command Set - 3 (ACS-3) - Amendment 1 (supplement to INCITS 522-2014)

PINS Date: Mar 10, 2017 | Public Review Date: Aug 24, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 524-2016 [R2021], Information Technology - AT Attachment 8 - ATA/ATAPI Parallel Transport (ATA8-APT) (reaffirmation of INCITS 524-2016)

Public Review Date: Apr 9, 2021 | Final Action Date: Aug 9, 2021 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 525:2018, Information technology - Next Generation Access Control - Implementation Requirements, Protocols and API Definitions (NGAC-IRPADS) (new standard)  
PINS Date: Jun 3, 2011 | Public Review Date: Dec 1, 2017 | Final Action Date: Sep 6, 2018 | [Approved](#)

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- ▶ INCITS 526:2016, Information technology - Next Generation Access Control - Generic Operations and Data Structures (NGAC-GOADS) (new standard)  
Public Review Date: Jun 19, 2015 | Final Action Date: Feb 17, 2016 | [Approved](#)

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- ▶ INCITS 528-2013 [R2018], Information Technology - Common Building Blocks Specification (reaffirmation of INCITS 528-2013)  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 529-2018, Information technology - ATA/ATAPI Command Set - 4 (ACS-4) (new standard)  
PINS Date: Apr 19, 2013 | Public Review Date: Dec 1, 2017 | Final Action Date: Sep 21, 2018 | [Approved](#)

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- ▶ INCITS 53-1976 [S2018], Programming Language PL/I (stabilized maintenance of INCITS 53-1976 (R2004))  
Public Review Date: Jun 27, 2008 | Final Action Date: Oct 29, 2008 | [Approved](#)

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- ▶ INCITS 530-2013 [R2018], Information Technology - Architecture for Managed Computing Systems (reaffirmation of INCITS 530-2013)  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 531-2013 [R2018], Information Technology - Systems Management Discovery for Managed Computer Systems (reaffirmation of INCITS 531-2013)  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS 532:2014 [R2019], Information Technology - Vocabulary Description and Management (reaffirmation of INCITS 532-2014)  
Public Review Date: Aug 2, 2019 | Final Action Date: Oct 29, 2019 | [Approved](#)

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- ▶ INCITS 533-2016 [R2021], Information Technology - Fibre Channel - Physical Interface - 6P (FC-PI-6P) (reaffirmation of INCITS 533-2016)  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS 534-2019, Information technology - Serial Attached SCSI - 4 (SAS-4) (new standard)  
PINS Date: Nov 15, 2013 | Public Review Date: Jul 6, 2018 | Final Action Date: Feb 8, 2019 | [Approved](#)

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- ▶ INCITS 536-2016 [R2021], Information technology – Zoned Block Commands (ZBC) (reaffirmation of INCITS 536-2016)  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)

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- ▶ INCITS 536-2016/AM 1-2019, Information technology - Zoned Block Commands - Amendment 1 (ZBC-AM 1) (addenda to INCITS 536-2016)  
PINS Date: Jun 8, 2018 | Public Review Date: Aug 31, 2018 | Final Action Date: Feb 13, 2019 | [Approved](#)

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- ▶ INCITS 537-2016 [R2021], Information technology Zoned Device ATA Command Set (ZAC) (reaffirmation of INCITS 537-2016)  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 9, 2021 | [Approved](#)

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- ▶ INCITS 537-2016/AM 1-2019, Information technology - Zoned-device ATA Commands Amendment 1 (ZAC-AM 1) (addenda to INCITS 537-2016)  
PINS Date: Mar 23, 2018 | Public Review Date: Oct 19, 2018 | Final Action Date: Sep 23, 2019 | [Approved](#)

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- ▶ INCITS 538-2018, Information technology - SAS Protocol Layer - 4 (SPL-4) (new standard)  
PINS Date: Mar 21, 2014 | Public Review Date: Nov 17, 2017 | Final Action Date: Jul 26, 2018 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 539-2016 [R2021], Information Technology - Management Of Security Credentials (reaffirmation of INCITS 539-2016)  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)
- ▶ INCITS 54-1986 [S2017], Recorded Magnetic Tape for Information Interchange (6250 CPI, Group Coded Recording) (stabilized maintenance of INCITS 54-1986 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)
- ▶ INCITS 540-2018, Information technology - Fibre Channel - Non-Volatile Memory Express (NVMe) (new standard)  
PINS Date: Jun 6, 2014 | Public Review Date: Nov 3, 2017 | Final Action Date: Apr 5, 2018 | [Approved](#)
- ▶ INCITS 540-2018/AM 1-2019, Information technology - Fibre Channel - Non-Volatile Memory Express - Amendment 1 (FC-NVMe-AM 1) (addenda to INCITS 540-2018)  
PINS Date: Jun 1, 2018 | Public Review Date: Aug 24, 2018 | Final Action Date: Apr 30, 2019 | [Approved](#)
- ▶ INCITS 542-2022, Information technology - Automation/Drive Interface Transport Protocol - 3 (ADT-3) (new standard)  
PINS Date: Aug 22, 2014 | Public Review Date: Nov 26, 2021 | Final Action Date: Jul 11, 2022 | [Approved](#)
- ▶ INCITS 543-2019, Information technology - Fibre Channel - Physical Interfaces - 7 (FC-PI-7) (new standard)  
PINS Date: Nov 28, 2014 | Public Review Date: Aug 30, 2019 | Final Action Date: Nov 15, 2019 | [Approved](#)
- ▶ INCITS 544-2018, Information technology - Fibre Channel - Single Byte Command Code Sets - 6 (FC-SB-6) (new standard)  
PINS Date: Apr 10, 2015 | Public Review Date: Dec 2, 2016 | Final Action Date: Jun 12, 2018 | [Approved](#)
- ▶ INCITS 545-2019, Information technology - Fibre Channel - Framing and Signaling - 5 (FC-FS-5) (new standard)  
PINS Date: Apr 3, 2015 | Public Review Date: Aug 3, 2018 | Final Action Date: Apr 30, 2019 | [Approved](#)
- ▶ INCITS 546-2021, Information technology - SCSI Architecture Model - 6 (SAM-6) (new standard)  
PINS Date: Jun 5, 2015 | Public Review Date: Jul 2, 2021 | Final Action Date: Oct 15, 2021 | [Approved](#)
- ▶ INCITS 547-2020, Information technology - Fibre Channel - Switch Fabric - 7 (FC-SW-7) (new standard)  
PINS Date: Oct 30, 2015 | Public Review Date: May 24, 2019 | Final Action Date: Feb 24, 2020 | [Approved](#)
- ▶ INCITS 548-2020, Information technology - Fibre Channel - Generic Services - 8 (FC-GS-8) (new standard)  
PINS Date: Oct 30, 2015 | Public Review Date: Sep 20, 2019 | Final Action Date: Mar 2, 2020 | [Approved](#)
- ▶ INCITS 549-2022, Information technology - Zoned Device ATA Command Set - 2 (ZAC-2) (new standard)  
PINS Date: Apr 1, 2016 | Public Review Date: Dec 3, 2021 | Final Action Date: Jun 23, 2022 | [Approved](#)
- ▶ INCITS 55-1992 [S2017], Information Systems - Unrecorded Magnetic Tape Cartridge for Information Interchange - 0.250 Inch (6.30 mm), 1600 bpi (63 bpmm), Phase Encoded (stabilized maintenance of INCITS 55-1992 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 12, 2007 | [Approved](#)
- ▶ INCITS 551-2019, Information technology - SCSI RDMA Protocol - 2 (SRP-2) (new standard)  
PINS Date: Mar 25, 2016 | Public Review Date: Jul 12, 2019 | Final Action Date: Nov 7, 2019 | [Approved](#)
- ▶ INCITS 553-2020, Information Technology - Fibre Channel - Link Services - 4 (FC-LS-4) (new standard)  
PINS Date: Jun 10, 2016 | Public Review Date: Oct 4, 2019 | Final Action Date: Sep 28, 2020 | [Approved](#)
- ▶ INCITS 555-2020, Information technology - SCSI Enclosure Services - 4 (SES-4) (new standard)  
PINS Date: Mar 3, 2017 | Public Review Date: Jul 10, 2020 | Final Action Date: Dec 28, 2020 | [Approved](#)
- ▶ INCITS 556-2020, Fibre Channel – Non-Volatile Memory Express - 2 (FC-NVMe - 2) (new standard)  
PINS Date: Feb 24, 2017 | Public Review Date: Jan 3, 2020 | Final Action Date: May 28, 2020 | [Approved](#)

**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 558-2021, Information technology- ATA Command Set - 5 (ACS-5) (new standard)  
PINS Date: Nov 10, 2017 | Public Review Date: Apr 2, 2021 | Final Action Date: Oct 12, 2021 | [Approved](#)

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- ▶ INCITS 559-2020, Information technology - Fibre Channel - Physical Interfaces - 7P (FC-PI-7P) (new standard)  
PINS Date: Jul 13, 2018 | Public Review Date: Jul 10, 2020 | Final Action Date: Dec 28, 2020 | [Approved](#)

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- ▶ INCITS 56-1986 [S2017], Recorded Magnetic Tape Cartridge for Information Interchange (4-Track, 0.250 Inch, 1600 BPI, Phase Encoded) (stabilized maintenance of INCITS 56-1986 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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- ▶ INCITS 565:2020, Information technology - Next Generation Access Control (new standard)  
PINS Date: Nov 30, 2018 | Public Review Date: Oct 4, 2019 | Final Action Date: Apr 10, 2020 | [Approved](#)

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- ▶ INCITS 572-2021, Information technology - UAS-3 USB Attached SCSI – 3 (UAS-3) (new standard)  
PINS Date: Dec 27, 2019 | Public Review Date: Jan 1, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ INCITS 58-1977 [S2017], Unrecorded Eleven-Disk Pack - General, Physical, and Magnetic Requirements (stabilized maintenance of INCITS 58-1977 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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- ▶ INCITS 62-1987 [S2017], Information Systems - Optical Character Recognition (OCR) - Paper Used in OCR Systems (stabilized maintenance of INCITS 62-1987 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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- ▶ INCITS 62:1987/AM1-1999 [S2017], Information Systems - Optical Character Recognition (OCR) - Paper Used in OCR Systems Amendment 1 (stabilized maintenance of INCITS 62-1987/AM1-1999 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 12, 2007 | [Approved](#)

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- ▶ INCITS 72-1981 [S2018], Parallel Recorded Magnetic Tape Cartridge for Information Interchange, 4-Track, 0.250 Inch (6.30 mm), 1600 bpi (63 bpmm), Phase Encoded (stabilized maintenance of INCITS 72-1981 (R2003))  
Public Review Date: Feb 22, 2008 | Final Action Date: Jun 19, 2008 | [Approved](#)

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- ▶ INCITS 73-1980 [S2017], Cartridge, Single-Sided Unformatted Flexible Disk (for 6631 BPR Use) (stabilized maintenance of INCITS 73-1980 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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- ▶ INCITS 74-1987 [S2018], Information Systems - Programming Language - PL/I General-Purpose Subset (stabilized maintenance of INCITS 74-1987 (R2004))  
Public Review Date: Jun 27, 2008 | Final Action Date: Oct 29, 2008 | [Approved](#)

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- ▶ INCITS 76-1981 [S2017], Unformatted Single Disk Cartridge (Top Loading, 200 TPI, 4400 BPI) - General, Physical, and Magnetic Requirements (stabilized maintenance of INCITS 76-1981 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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- ▶ INCITS 82-1980 [S2021], One-Sided Single-Density Unformatted 5.25 Inch Flexible Disk Cartridge (stabilized maintenance of INCITS 82-1980 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 29, 2011 | [Approved](#)

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- ▶ INCITS 83-1995 [R2020], Information Systems - ISO Registration According To ISO 2375 - ANSI Sponsorship Procedures (reaffirmation of INCITS 83-1995 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 19, 2020 | [Approved](#)

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- ▶ INCITS 85-1981 [S2018], 1/2-Inch Magnetic Tape Interchange Using a Self-Loading Cartridge (stabilized maintenance of INCITS 85-1981 (R2003))  
Public Review Date: Feb 22, 2008 | Final Action Date: Jun 19, 2008 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS 86-1980 [S2017], Inks, Optical Character Recognition (OCR) (stabilized maintenance of INCITS 86-1980 (R2002))

Public Review Date: Apr 6, 2007 | Final Action Date: Jul 12, 2007 | [Approved](#)

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- ▶ INCITS 89-1981 [S2017], Unrecorded Single-Disk Double-Density Cartridge (Front Loading, 2200 BPI, 200 TPI), General, Physical, and Magnetic Requirements (stabilized maintenance of INCITS 89-1981 (R2002))

Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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- ▶ INCITS 93M-1981 [S2017], Optical Character Recognition Positioning (stabilized maintenance of INCITS 93M-1981 (R2002))

Public Review Date: Apr 6, 2007 | Final Action Date: Jul 12, 2007 | [Approved](#)

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- ▶ INCITS 94-1985 [S2017], Programming Aid to Numerically Controlled Manufacturing (PANCM) (stabilized maintenance of INCITS 94-1985 (R2002))

Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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- ▶ INCITS 96-1983 [S2017], Forms, Paper Sizes for Single-Part Continuous Business (stabilized maintenance of INCITS 96-1983 (R2002))

Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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- ▶ INCITS 99-1983 (S2017), Guideline for Optical Character Recognition (OCR) Print Quality (stabilized maintenance of INCITS 99-1983 (R2002))

Public Review Date: Apr 6, 2007 | Final Action Date: Jul 24, 2007 | [Approved](#)

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- ▶ INCITS X4.6-1979 [S2018], 10-Key Keyboard for Adding and Calculating Machines (stabilized maintenance of INCITS X4.6-1979 (R2003))

Public Review Date: Feb 22, 2008 | Final Action Date: Jun 19, 2008 | [Approved](#)

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- ▶ INCITS/ISO 1860:1986 [S2015], Information processing - Precision reels for magnetic tape used in interchange instrumentation applications (stabilized maintenance of INCITS/ISO/IEC 1860:1988 [R2010])

Public Review Date: Aug 28, 2015 | Final Action Date: Dec 22, 2015 | [Approved](#)

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- ▶ INCITS/ISO 19101-1:2014 [R2022], Geographic information - Reference model - Part 1: Fundamentals (reaffirmation of INCITS/ISO 19101-1:2014 [2017])

Public Review Date: May 13, 2022 | Final Action Date: Sep 6, 2022 | [Approved](#)

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- ▶ INCITS/ISO 19101-2:2018 [2020], Geographic Information - Reference Model - Part 2: Imagery (identical national adoption of ISO 19101-2:2018)

PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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- ▶ INCITS/ISO 19103:2015 [R2022], Geographic information - Conceptual schema language (reaffirmation of INCITS/ISO 19103:2015 [2017])

Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS/ISO 19104:2016 [2018], Geographic information -- Terminology (identical national adoption of ISO 19104:2016)

PINS Date: Aug 11, 2017 | Public Review Date: Nov 10, 2017 | Final Action Date: Feb 28, 2018 | [Approved](#)

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- ▶ INCITS/ISO 19105:2022 [2022], Geographic information - Conformance and testing (identical national adoption of ISO 19105:2022 and revision of INCITS/ISO 19105:2000 [R2021])

PINS Date: Aug 26, 2022 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 28, 2022 | [Approved](#)

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- ▶ INCITS/ISO 19106:2004 [R2020], Geographic Information - Profiles (reaffirm a national adoption INCITS/ISO 19106:2004 [R2015])

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO 19107:2003 [R2018], Geographic information - Spatial schema (reaffirm a national adoption INCITS/ISO 19107:2003 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO 19108:2002 [R2018], Geographic information - Temporal schema (reaffirm a national adoption INCITS/ISO 19108:2002 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO 19108:2002/COR 1:2006 [R2020], Geographic Information - Temporal Schema Technical Corrigendum 1 (reaffirm a national adoption INCITS/ISO 19108:2002/COR 1:2006 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO 19109:2015 [2018], Geographic information -- Rules for application schema (identical national adoption of ISO 19109:2015)  
PINS Date: Aug 11, 2017 | Public Review Date: Nov 10, 2017 | Final Action Date: Feb 28, 2018 | [Approved](#)

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- ▶ INCITS/ISO 19110:2016 [2018], Geographic information -- Methodology for feature cataloguing (identical national adoption of ISO 19110:2016 and revision of INCITS/ISO 19110:2005 [R2015])  
PINS Date: Aug 11, 2017 | Public Review Date: Nov 10, 2017 | Final Action Date: Mar 16, 2018 | [Approved](#)

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- ▶ INCITS/ISO 19111:2019 [2020], Geographic Information - Referencing By Coordinates (identical national adoption of ISO 19111:2019 and revision of INCITS/ISO 19111:2007 [R2017])  
INCITS/ISO 19111-2:2009 [R2015])  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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- ▶ INCITS/ISO 19111:2019/AM1:2021 [2022], Geographic information - Referencing by coordinates - Amendment 1 (identical national adoption of ISO 19111:2019/AM1:2021)  
PINS Date: Aug 26, 2022 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 28, 2022 | [Approved](#)

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- ▶ INCITS/ISO 19112:2019 [2019], Geographic information -- Spatial referencing by geographic identifiers (identical national adoption of ISO 19112:2019 and revision of INCITS/ISO 19112:2003 [R2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO 19115-1:2014 [R2019], Geographic information- Metadata- Part1: Fundamentals (reaffirm a national adoption INCITS/ISO 19115-1:2014 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO 19115-1:2014/AM 1:2018 [2020], Geographic information — Metadata — Part 1: Fundamentals — Amendment 1 (identical national adoption of ISO 19115-1:2014/AM 1:2018)  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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- ▶ INCITS/ISO 19115-2:2019 [2019], Geographic information -- Metadata -- Part 2: Extensions for acquisition and processing (identical national adoption of ISO 19115-2:2019 and revision of INCITS/ISO 19115-2:2009 [R2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO 19115-2:2019/AM1:2022 [2022], Geographic information - Metadata - Part 2: Extensions for acquisition and processing - Amendment 1 (identical national adoption of ISO 19115-2:2019/AM1:2022)  
PINS Date: Aug 26, 2022 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 28, 2022 | [Approved](#)

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- ▶ INCITS/ISO 19116:2019 [2020], Geographic information - Positioning services (identical national adoption of ISO 19116:2019 and revision of INCITS/ISO 19116:2004 [R2015])  
PINS Date: Feb 28, 2020 | Public Review Date: Apr 10, 2020 | Final Action Date: Jun 22, 2020 | [Approved](#)

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- ▶ INCITS/ISO 19116:2019/AM1:2021 [2022], Geographic information - Positioning services - Amendment 1 (identical national adoption of ISO 19116:2019/AM1:2021)  
PINS Date: Aug 26, 2022 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 28, 2022 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO 19117:2012 [R2018], Geographic information -- Portrayal (reaffirm a national adoption INCITS/ISO 19117:2012 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO 19118:2011 [R2022], Geographic Information - Encoding (reaffirmation of INCITS/ISO 19118:2011 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS/ISO 19119:2016 [2018], Geographic information -- Services (identical national adoption of ISO 19119:2016 and revision of INCITS/ISO 19119:2005 [R2015])  
PINS Date: Aug 11, 2017 | Public Review Date: Nov 10, 2017 | Final Action Date: Feb 28, 2018 | [Approved](#)

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- ▶ INCITS/ISO 19123-2:2018 [2020], Geographic Information - Schema For Coverage Geometry And Functions - Part 2: Coverage Implementation Schema (identical national adoption of ISO 19123-2:2018)  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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- ▶ INCITS/ISO 19123:2005 [R2021], Geographic Information - Schema For Coverage Geometry And Functions (reaffirm a national adoption INCITS/ISO 19123:2005 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO 19125-1:2004 [R2020], Geographic Information - Simple Feature Access - Part 1: Common Architecture (reaffirm a national adoption INCITS/ISO 19125-1:2004 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO 19125-2:2004 [R2020], Geographic Information - Simple Feature Access - Part 2: SQL Option (reaffirm a national adoption INCITS/ISO 19125-2:2004 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO 19127:2019 [2020], Geographic Information - Geodetic Register (identical national adoption of ISO 19127:2019)  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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- ▶ INCITS/ISO 19128:2005 [R2020], Geographic Information - Web Map Server Interface (reaffirm a national adoption INCITS/ISO 19128:2005 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO 19130-1:2018 [2020], Geographic Information - Imagery Sensor Models For Geopositioning - Part 1: Fundamentals (identical national adoption of ISO 19130-1:2018)  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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- ▶ INCITS/ISO 19131:2007 [R2022], Geographic Information - Data Product Specifications (reaffirmation of INCITS/ISO 19131:2007 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS/ISO 19131:2007/AM1:2011 [R2022], Geographic Information -- Data Product Specifications - Amendment 1: Requirements Relating To The Inclusion Of An Application Schema And Feature Catalogue And The Treatment Of Coverages In An Application Schema. (reaffirmation of INCITS/ISO 19131:2007/AM1:2011 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS/ISO 19132:2007 [R2018], Geographic information - Location-based services - Reference model (reaffirm a national adoption INCITS/ISO 19132:2007 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO 19133:2005 [R2021], Geographic Information - Location Based Services - Tracking And Navigation (reaffirm a national adoption INCITS/ISO 19133:2005 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO 19134:2007 [R2022], Geographic Information - Location-Based Services - Multimodal Routing And Navigation (reaffirmation of INCITS/ISO 19134:2007 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS/ISO 19135-1:2015 [2018], Geographic information - Procedures for item registration - Part 1: Fundamentals (identical national adoption of ISO 19135-1:2015 and revision of INCITS/ISO 19135:2005 [R2016])  
PINS Date: Aug 11, 2017 | Public Review Date: Nov 10, 2017 | Final Action Date: Feb 28, 2018 | [Approved](#)

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- ▶ INCITS/ISO 19135-1:2015/AM1:2021 [2022], Geographic information - Procedures for item registration - Part 1: Fundamentals - Amendment 1 (identical national adoption of ISO 19135-1:2015/AM1:2021)  
PINS Date: Aug 26, 2022 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 28, 2022 | [Approved](#)

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- ▶ INCITS/ISO 19136-1:2020 [2020], Geographic Information - Geography Markup Language (GML) - Part 1: Fundamentals (identical national adoption of ISO 19136-1:2020 and revision of INCITS/ISO/IEC 19136:2007 [R2015])  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Sep 24, 2020 | [Approved](#)

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- ▶ INCITS/ISO 19136-2:2015 [R2022], Geographic Information - Geography Markup Language (GML) - Part 2: Extended Schemas And Encoding Rules (reaffirmation of INCITS/ISO 19136-2:2015 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS/ISO 19137:2007 [R2022], Geographic Information - Core Profile Of The Spatial Schema (reaffirmation of INCITS/ISO 19137:2007 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS/ISO 19141:2008 [R2018], Geographic information - Schema for moving features (reaffirm a national adoption INCITS/ISO 19141:2008 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO 19142:2010 [R2021], Geographic Information -- Web Feature Service (reaffirm a national adoption INCITS/ISO 19142:2010 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO 19143:2010 [R2021], Geographic Information - Filter Encoding (reaffirm a national adoption INCITS/ISO 19143:2010 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO 19144-1:2009 [R2020], Geographic information - Classification systems - Part 1: Classification system structure (reaffirm a national adoption INCITS/ISO 19144-1:2009 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO 19144-1:2009/COR 1:2012 [R2018], Geographic information - Classification systems - Part 1: Classification system structure - Technical Corrigendum 1 (reaffirm a national adoption INCITS/ISO 19144-1-2009/Cor 1-2012)  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO 19144-2:2012 [R2018], Geographic information - Classification systems - Part 2: Land Cover Meta Language (LCML) (reaffirm a national adoption INCITS/ISO 19144-2:2012 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO 19146:2010 [R2016], Geographic information -- Cross-domain vocabularies (reaffirm a national adoption INCITS/ISO 19146:2010 [2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Dec 15, 2016 | [Approved](#)

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- ▶ INCITS/ISO 19146:2018 [2020], Geographic Information - Cross-Domain Vocabularies (identical national adoption of ISO 19146:2018 and revision of INCITS/ISO 19146:2010 [R2016])  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO 19148:2021 [2022], Geographic information - Linear referencing (identical national adoption of ISO 19148:2021 and revision of INCITS/ISO 19148:2012 [R2017])  
PINS Date: Feb 18, 2022 | Public Review Date: Apr 8, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO 19149:2011 [R2022], Geographic Information - Rights Expression Language For Geographic Information - GeoREL (reaffirmation of INCITS/ISO 19149:2011 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS/ISO 19150-2:2015 [R2022], Geographic Information - Ontology - Part 2: Rules For Developing Ontologies In The Web Ontology Language (OWL) (reaffirmation of INCITS/ISO 19150-2:2015 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS/ISO 19150-2:2015/AM 1:2019 [2020], Geographic information — Ontology — Part 2: Rules for developing ontologies in the Web Ontology Language (OWL) — Amendment 1 (identical national adoption of ISO 19150-2:2015/AM 1:2019)  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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- ▶ INCITS/ISO 19150-4:2019 [2020], Geographic Information - Ontology - Part 4: Service Ontology (identical national adoption of ISO 19150-4:2019)  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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- ▶ INCITS/ISO 19156:2011 [R2022], Geographic Information - Observations And Measurements (reaffirmation of INCITS/ISO 19156:2011 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS/ISO 19157:2013 [R2019], Geographic information - Data quality (reaffirm a national adoption INCITS/ISO 19157:2013 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO 19157:2013/AM 1:2018 [2020], Geographic information — Data quality — Amendment 1: Describing data quality using coverages (identical national adoption of ISO 19157:2013/AM 1:2018)  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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- ▶ INCITS/ISO 19160-1:2015 [R2022], Addressing -- Part 1: Conceptual Model (reaffirmation of INCITS/ISO 19160-1:2015 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS/ISO 19160-3:2020 [2020], Addressing - Part 3: Address Data Quality (identical national adoption of ISO 19160-3:2020)  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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- ▶ INCITS/ISO 19160-4:2017 [2019], Information technology - Addressing - Part 4: International postal address components and template language (identical national adoption of ISO 19160-4:2017)  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ INCITS/ISO 19161-1:2020 [2020], Geographic Information - Geodetic References - Part 1: International Terrestrial Reference System (ITRS) (identical national adoption of ISO 19161-1:2020)  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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- ▶ INCITS/ISO 19162:2019 [2020], Geographic Information - Well-Known Text Representation Of Coordinate Reference Systems (identical national adoption of ISO 19162:2019 and revision of INCITS/ISO 19162:2015 [2017])  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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- ▶ INCITS/ISO 19165-1:2018 [2020], Geographic Information - Preservation Of Digital Data And Metadata - Part 1: Fundamentals (identical national adoption of ISO 19165-1:2018)  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO 2033:1983 [R2018], Information Processing - Coding of Machine Readable Characters (MICR and OCR) (reaffirm a national adoption INCITS/ISO 2033:1983 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO 2382-21-1985 [S2011], Information technology -- Vocabulary - Part 21: Interfaces between process computer systems and technical processes (stabilized maintenance of INCITS/ISO 2382-21-1985 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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- ▶ INCITS/ISO 2382-22:1986 [R2011], Information technology -- Vocabulary - Part 22: Calculators (reaffirm a national adoption INCITS/ISO 2382-22-1986 (R2006))  
Public Review Date: Sep 2, 2011 | Final Action Date: Dec 21, 2011 | [Approved](#)

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- ▶ INCITS/ISO 3275:1974 [R2089], Information processing -- Implementation of the 7- bit coded character set and its 7-bit and 8- bit extensions on 3,81 mm magnetic cassette for data interchange (reaffirm a national adoption INCITS/ISO 3275:1974 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO 3561:1976 [S2020], Information processing -- Interchangeable magnetic six-disk pack -- Track format (stabilized maintenance of INCITS/ISO 3561:1976 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO 3562:1976 [S2020], Information processing - Interchangeable magnetic single-disk cartridge (top loaded) - Physical and magnetic characteristics (stabilized maintenance of INCITS/ISO 3562:1976 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO 3563:1976 [S2020], Information processing -- Interchangeable magnetic single-disk cartridge (top loaded) -- Track format (stabilized maintenance of INCITS/ISO 3563:1976 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO 3564:1976 [S2020], Information processing -- Interchangeable magnetic eleven-disk pack -- Physical and magnetic characteristics (stabilized maintenance of INCITS/ISO 3564:1976 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO 3692:1996 [S2020], Information processing -- Reels and cores for 25,4 mm (1 in) perforated paper tape for information interchange -- Dimensions (stabilized maintenance of INCITS/ISO 3692:1996 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO 4337:1977 [S2020], Information processing -- Interchangeable magnetic twelve-disk pack (100 Mbytes) (stabilized maintenance of INCITS/ISO 4337:1977 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO 4341:1978 [S2017], Magnetic Tape Cassette and Cartridge Labeling and File Structure for Information Interchange (stabilized maintenance of INCITS/ISO 4341-1978 (R2002))  
Public Review Date: Apr 6, 2007 | Final Action Date: Jul 12, 2007 | [Approved](#)

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- ▶ INCITS/ISO 5653:1980 [S2020], Information processing -- Interchangeable magnetic twelve-disk pack (200 Mbytes) (stabilized maintenance of INCITS/ISO 5653:1980 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO 5654-1:1984 [S2020], Information processing - Data interchange on 200 mm (8 in) flexible disk cartridges using two-frequency recording at 13 262 ftprad, 1,9 tpmm (48 tpi), on one side - Part 1: Dimensional, physical and magnetic characteristics (stabilized maintenance of INCITS/ISO 5654-1:1984 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO 6586:1980 [R2018], Data processing -- Implementation of the ISO 7- bit and 8- bit coded character sets on punched cards (reaffirm a national adoption INCITS/ISO 6586:1980 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO 6596-1:1985 [S2020], Information processing - Data interchange on 130 mm (5.25 in) flexible disk cartridges using two-frequency recording at 7 958 ftprad, 1.9 tpmm (48 tpi), on one side - Part 1: Dimensional, physical & magnetic characteristics (stabilized maintenance of INCITS/ISO 6596-1:1985 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)
- ▶ INCITS/ISO 6709:2008 [R2018], Standard representation of geographic point location by coordinates (reaffirm a national adoption INCITS/ISO 6709:2008 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)
- ▶ INCITS/ISO 6709:2008/COR 1:2009 [R2020], Standard representation of geographic point location by coordinates (reaffirm a national adoption INCITS/ISO 6709:2008/COR 1:2009 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)
- ▶ INCITS/ISO 6936:1988 [R2019], Information Processing - Conversion between the Two Coded Character Sets of ISO 646 and ISO 6937-2 and the CCITT International Telegraph Alphabet No. 2 (ITA 2) (reaffirm a national adoption INCITS/ISO 6936:1988 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)
- ▶ INCITS/ISO 7064:2003 [S2013], Information technology - Security techniques - Check character systems (stabilized maintenance of INCITS/ISO 7064-2003 (R2008))  
Public Review Date: Apr 5, 2013 | Final Action Date: Jul 11, 2013 | [Approved](#)
- ▶ INCITS/ISO 7065-1:1985 [S2020], Info processing-Data interchange on 200 mm (8 in) flexible disk cartridges using modified frequency modulation recording, 13 262 ftprad, 1.9 tpmm (48 tpi), both sides-Part 1: Dimensional, physical & magnetic characteristics (stabilized maintenance of INCITS/ISO 7065-1:1985 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)
- ▶ INCITS/ISO 7487-2-1985 [S2012], Information Processing - Data Interchange on 130 mm (5.25 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 7 958 ftprad, 1.9 tpmm (48 tpi), on Both Sides - Part 2: Track Format A (stabilized maintenance of INCITS/ISO 7487-2-1985 (R2007))  
Public Review Date: Jun 8, 2012 | Final Action Date: Aug 23, 2012 | [Approved](#)
- ▶ INCITS/ISO 8485-1989 [S2021], Programming languages - APL (stabilized maintenance of INCITS/ISO 8485-1989 (R2005))  
Public Review Date: Aug 19, 2011 | Final Action Date: Dec 14, 2011 | [Approved](#)
- ▶ INCITS/ISO 8630-1:1987 [S2020], Info processing-Data interchange on 130 mm (5.25 in) flexible disk cartridges using modified frequency modulation recording at 13 262 ftprad, on 80 tracks on each side-Part 1: Dimensional, physical & magnetic characteristics (stabilized maintenance of INCITS/ISO 8630-1:1987 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)
- ▶ INCITS/ISO 8860-1:1987 [S2020], Information Processing - Data Interchange On 90 Mm (3.5 In) Flexible Disk Cartridges Using Modified Frequency Modulation Recording At 7 958 Ftprad On 80 Tracks On Each Side - Part 1: Dimensional, Physical And Magnetic Characteristics (stabilized maintenance of INCITS/ISO 8860-1:1987 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)
- ▶ INCITS/ISO 8879:1986 [S2014], Information Processing - Text and Office Systems - Standard Generalized Markup (stabilized maintenance of INCITS/ISO 8879:1986 [R2009])  
Public Review Date: Aug 22, 2014 | Final Action Date: Nov 21, 2014 | [Approved](#)
- ▶ INCITS/ISO 9036:1987 [R2018], Information processing -- Arabic 7-bit coded character set for information interchange (reaffirm a national adoption INCITS/ISO 9036:1987 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)
- ▶ INCITS/ISO 9069:1988 [S2014], Information Processing - SGML Support Facilities - SGML Document Interchange Format (SDIF) (stabilized maintenance of INCITS/ISO 9069-1988 [R2009])  
Public Review Date: Aug 22, 2014 | Final Action Date: Nov 21, 2014 | [Approved](#)

**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO 9529-2-1989 [S2012], Information Processing Systems - Data Interchange on 90 mm (3.5 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 15 916 ftprad on 80 tracks on Each Side - Part 2: Track Format (stabilized maintenance of INCITS/ISO 9529-2-1989 (R2007))  
Public Review Date: Jun 8, 2012 | Final Action Date: Aug 20, 2012 | [Approved](#)

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- ▶ INCITS/ISO 9542:1988 (R2017), Information processing systems -- Telecommunications and information exchange between systems -- End system to Intermediate system routeing exchange protocol for use in conjunction with the Protocol for providing the connectionless-mode network service (ISO 8473) (reaffirm a national adoption INCITS/ISO 9542:1988 (R2012))  
Public Review Date: Jun 9, 2017 | Final Action Date: Nov 2, 2017 | [Approved](#)

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- ▶ INCITS/ISO 9542:1988 [R2022], Information processing systems -- Telecommunications and information exchange between systems -- End system to Intermediate system routeing exchange protocol for use in conjunction with the Protocol for providing the connectionless-mode network service (ISO 8473) (reaffirmation of INCITS/ISO 9542:1988 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO 9542:1988/AM 1:1999 [R2021], Information processing systems - Telecommunications and information exchange between systems -- End System to Intermediate System Routeing Exchange Protocol for Use in Conjunction with the Protocol for Providing the Connectionless-Mode Network Service – Amendment 1: Addition of group composition information (reaffirm a national adoption INCITS/ISO 9542:1988/AM 1:1999 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO 962:1974 [R2018], Information Processing - Implementation of the 7-Bit Coded Character Set and its 7-Bit and 8-Bit Extensions on 9-Track 12,7 mm (0.5 in) Magnetic Tape (reaffirm a national adoption INCITS/ISO 962:1974 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 1001:2012 [R2019], Information technology - Digitally recorded media for information interchange and storage - Test method for the estimation of lifetime of optical media for long-term data storage (reaffirm a national adoption INCITS/ISO/IEC 1001:2012 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10021-8:1999 [R2019], Information Technology - Message Handling Systems (MHS) - Part 8: Electronic Data Interchange Messaging Service (reaffirm a national adoption INCITS/ISO/IEC 10021-8:1999 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10021-9:1999 [R2019], Information Technology - Message Handling Systems (MHS) - Part 9: Electronic Data Interchange Messaging System (reaffirm a national adoption INCITS/ISO/IEC 10021-9:1999 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10026-1:1998 [S2012], Information technology - OSI - Distributed Transaction Processing - Part 1: OSI TP Model (stabilized maintenance of INCITS/ISO/IEC 10026-1-1998 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 5, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10026-2:1998 [S2012], Information technology - OSI - Distributed Transaction Processing - Part 2: OSI TP Service (stabilized maintenance of INCITS/ISO/IEC 10026-2-1998 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 5, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10026-3:1998 [S2012], Information technology - OSI - Distributed Transaction Processing - Part 3: Protocol Specification (stabilized maintenance of INCITS/ISO/IEC 10026-3-1998 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 5, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10026-4:1995 [S2012], Information technology - OSI - Distributed Transaction Processing: Protocol Implementation Conformance Statement (PICS) proforma (stabilized maintenance of INCITS/ISO/IEC 10026-4-1995 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 5, 2012 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 10026-5:1998 [S2012], Information technology - OSI - Distributed Transaction Processing - Part 5: Application context proforma and guidelines when using OSI TP (stabilized maintenance of INCITS/ISO/IEC 10026-5-1998 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 5, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10026-6:1995 [S2012], Information technology - Open Distributed Processing - Trading function: Specification - Part 6: Unstructured Data Transfer (stabilized maintenance of INCITS/ISO/IEC 10026-6-1995 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 6, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10030:1995 [R2022], Information technology - Telecommunications and information exchange between systems - End System Routing Information Exchange Protocol for use in conjunction with ISO/IEC 8878 (reaffirmation of INCITS/ISO/IEC 10030:1995 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10036:1996 [S2014], Information technology - Font Information Interchange - Procedure for the Registration of Font-Related Identifiers (stabilized maintenance of INCITS/ISO/IEC 10036:1996 [R2009])  
Public Review Date: Aug 22, 2014 | Final Action Date: Nov 21, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10036:1996/COR 1:2001 [S2020], Information Technology - Font Information Interchange - Procedures For Registration Of Font-Related Identifiers - Technical Corrigendum 1 (stabilized maintenance of INCITS/ISO/IEC 10036:1996/COR 1:2001 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10036:1996/COR 2:2002 [S2020], Information Technology - Font Information Interchange - Procedures For Registration Of Font-Related Identifiers - Technical Corrigendum 2 (stabilized maintenance of INCITS/ISO/IEC 10036:1996/COR 2:2002 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10089:1991 [S2019], Information Technology - 130 mm Rewritable Optical Disk Cartridge for Information Interchange (stabilized maintenance of INCITS/ISO/IEC 10089-1991 (R2004))  
Public Review Date: Nov 7, 2008 | Final Action Date: Feb 2, 2009 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10090:1992 [S2019], Information Technology - 90 mm Optical Disk Cartridges, Rewritable and Read Only, for Data Interchange (stabilized maintenance of INCITS/ISO/IEC 10090-1992 (R2004))  
Public Review Date: Nov 7, 2008 | Final Action Date: Feb 2, 2009 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10116:2017 [2018], Information technology - Security techniques - Modes of operation for an n-bit block cipher (identical national adoption of ISO/IEC 10116:2017 and revision of INCITS/ISO/IEC 10116:2008 [R2013] INCITS/ISO/IEC 10116:2006/COR1:2008 [R2014])  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10118-1:2016 [2019], Information technology -- Security techniques -- Hash-functions -- Part 1: General (identical national adoption of ISO/IEC 10118-1:2016 and revision of INCITS/ISO/IEC 10118-1:2000 [R2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10118-1:2016/AM1:2021 [2022], Information technology - Security techniques - Hash-functions - Part 1: General - Amendment 1: Padding methods for sponge functions (identical national adoption of ISO/IEC 10118-1:2016/AM1:2021)  
PINS Date: Oct 29, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10118-2:2010 [R2021], Information technology — Security techniques — Hash-functions — Part 2: Hash-functions using an n-bit block cipher (reaffirm a national adoption INCITS/ISO/IEC 10118-2:2010 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 10118-2:2010/COR1:2011 [2022], Information technology - Security techniques - Hash-functions - Part 2: Hash-functions using an n-bit block cipher - Technical Corrigendum 1 (identical national adoption of ISO/IEC 10118-2:2010/COR1:2011)  
PINS Date: Oct 29, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10118-3:2004 [R2014], Information technology - Security techniques - Hash-functions - Part 3: Dedicated hash-functions (reaffirm a national adoption INCITS/ISO/IEC 10118:3:2004 [R2009])  
Public Review Date: Jun 27, 2014 | Final Action Date: Dec 5, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10118-3:2004/AM1:2006 [R2014], Information technology - Security techniques - Hash-functions - Part 3: Dedicated hash-function 8 (SHA-224) - Amendment 1 (reaffirm a national adoption INCITS/ISO/IEC 10118:3:2004/AM1:2006 [R2009])  
Public Review Date: Jun 27, 2014 | Final Action Date: Dec 5, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10118-3:2018 [2019], IT Security techniques -- Hash-functions -- Part 3: Dedicated hash-functions (identical national adoption of ISO/IEC 10118-3:2018 and revision of INCITS/ISO/IEC 10118-3:2004 [R2014], INCITS/ISO/IEC 10118-3:2004/AM1:2006 [R2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10118-4:1998 [S2013], Information Technology - Security techniques - Hash functions: Part 4: Hash functions using modular arithmetic (stabilized maintenance of INCITS/ISO/IEC 10118-4-1998 (R2008))  
Public Review Date: Apr 5, 2013 | Final Action Date: Jul 11, 2013 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10118-4:1998/AM 1:2014 [2019], Information technology Security techniques Hash-functions Part 4: Hash-functions using modular arithmetic - Amendment 1: Object identifiers (identical national adoption of ISO/IEC 10118-4:1998/AM 1:2014)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10118-4:1998/COR 1:2014 [2019], Information technology Security techniques Hash-functions Part 4: Hash-functions using modular arithmetic Technical Corrigendum 1 (identical national adoption of ISO/IEC 10118-4:1998/COR 1:2014)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 5, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10149:1995 [S2019], Information Technology - Data Interchange on Read-Only 120 mm Optical Data Disks (CD-ROM) (stabilized maintenance of INCITS/ISO/IEC 10149:1995 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10175-1:1996 [R2018], Information Technology - Text and Office Systems - Document Printing Application (DPA) - Part 1: Abstract Service Definition and Procedures (reaffirm a national adoption INCITS/ISO/IEC 10175-1:1996 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10175-2:1996 [R2018], Information Technology - Text and Office Systems - Document Printing Application (DPA) - Part 2: Protocol Specification (reaffirm a national adoption INCITS/ISO/IEC 10175-2:1996 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10179:1996 [S2014], Information technology - Text Composition: Document Style Semantics and Specification Language (DSSSL) (stabilized maintenance of INCITS/ISO/IEC 10179:1996 [R2009])  
Public Review Date: Aug 22, 2014 | Final Action Date: Nov 21, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10179:1996/AM 1:2003 [S2014], Information technology - Text Composition - Document Style Semantics and Specification Language (DSSSL) - Amendment 1: Extensions to DSSL (stabilized maintenance of INCITS/ISO/IEC 10179:1996/AM 1:2003 [R2009])  
Public Review Date: Aug 22, 2014 | Final Action Date: Nov 21, 2014 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 10179:1996/AM 2:2005 [S2020], Information Technology - Processing Languages - Document Style Semantics And Specification Language (DSSSL) - Amendment 2 (stabilized maintenance of INCITS/ISO/IEC 10179:1996/AM 2:2005 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10179:1996/COR 1:2001 [S2020], Information Technology - Processing Languages - Document Style Semantics And Specification Language (DSSSL) - Technical Corrigendum 1 (stabilized maintenance of INCITS/ISO/IEC 10179:1996/COR 1:2001 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10206:1991 [S2018], Information Technology - Programming Languages - Extended Pascal (stabilized maintenance of INCITS/ISO/IEC 10206-1991 (R2004))  
Public Review Date: Jun 27, 2008 | Final Action Date: Oct 29, 2008 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10279:1991 [S2020], Information technology - Programming languages - Full BASIC (stabilized maintenance of INCITS/ISO/IEC 10279-1991 (R2005))  
Public Review Date: Oct 23, 2009 | Final Action Date: Jan 4, 2010 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10367:1991 [R2018], Information Technology - Standardized Coded Graphic Character Sets for Use in 8-Bit Codes (reaffirm a national adoption INCITS/ISO/IEC 10367:1991 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10373-2:2015 [R2021], Identification cards - Test methods - Part 2: Cards with magnetic stripes (reaffirm a national adoption INCITS/ISO/IEC 10373-2:2015 [2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10373-3:2018 [2020], Identification Cards - Test Methods - Part 3: Integrated Circuit Cards With Contacts And Related Interface Devices (identical national adoption of ISO/IEC 10373-3:2018 and revision of INCITS/ISO/IEC 10373-3:2010 [R2016])  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10373-5:2014 [R2022], Identification cards - Test methods - Part 5: Optical memory cards (reaffirmation of INCITS/ISO/IEC 10373-5:2014 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10373-6:2020 [2021], Cards and security devices for personal identification — Test methods — Part 6: Contactless proximity objects (identical national adoption of ISO/IEC 10373-6:2020 and revision of INCITS/ISO/IEC 10373-6:2016 [2016])  
PINS Date: Feb 12, 2021 | Public Review Date: Mar 26, 2021 | Final Action Date: Aug 9, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10373-6:2020/AM1:2021 [2021], Cards and security devices for personal identification - Test methods - Part 6: Contactless proximity objects - Amendment 1: Dynamic power level management (identical national adoption of ISO/IEC 10373-6:2020/AM1:2021)  
PINS Date: Jun 25, 2021 | Public Review Date: Aug 6, 2021 | Final Action Date: Oct 18, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10373-6:2020/AM2:2020 [2021], Cards and security devices for personal identification - Test methods - Part 6: Contactless proximity objects - Amendment 2: Enhancements for harmonization (identical national adoption of ISO/IEC 10373-6:2020/AM2:2020)  
PINS Date: Jun 25, 2021 | Public Review Date: Aug 6, 2021 | Final Action Date: Oct 18, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10373-7:2019 [2020], Cards And Security Devices For Personal Identification - Test Methods - Part 7: Contactless Vicinity Objects (identical national adoption of ISO/IEC 10373-7:2019 and revision of INCITS/ISO/IEC 10373-7:2008 [R2016])  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 10373-8:2011 [2020], Identification Cards - Test Methods - Part 8: USB-ICC (identical national adoption of ISO/IEC 10373-8:2011)  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)
- ▶ INCITS/ISO/IEC 10373-9:2011 [2020], Identification Cards - Test Methods - Part 9: Optical Memory Cards - Holographic Recording Method (identical national adoption of ISO/IEC 10373-9:2011)  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)
- ▶ INCITS/ISO/IEC 10536-1:2000 [R2018], Identification cards - Contactless integrated circuit(s) cards - Close coupled cards - Part 1: Physical characteristics (reaffirm a national adoption INCITS/ISO/IEC 10536-1:2000 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)
- ▶ INCITS/ISO/IEC 10536-2:1995 [S2018], Identification Cards - Contactless Integrated Circuit(s) Cards - Part 2: Dimensions and Location of Coupling Areas (stabilized maintenance of INCITS/ISO/IEC 10536-2-1995 (R2004))  
Public Review Date: Oct 17, 2008 | Final Action Date: Dec 18, 2008 | [Approved](#)
- ▶ INCITS/ISO/IEC 10536-3:1996 [R2018], Identification cards - Contactless integrated circuit(s) cards - Part 3: Electronic signals and Reset Procedures (reaffirm a national adoption INCITS/ISO/IEC 10536-3:1996 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)
- ▶ INCITS/ISO/IEC 10538:1991 [R2018], Information technology -- Control functions for text communication (reaffirm a national adoption INCITS/ISO/IEC 10538:1991 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)
- ▶ INCITS/ISO/IEC 10561:1999 [S2016], Information technology - Office Equipment - Printing Devices Method for measuring printer throughput - Class 1 and Class 2 printers (stabilized maintenance of INCITS/ISO/IEC 10561-1999 [R2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 10, 2016 | [Approved](#)
- ▶ INCITS/ISO/IEC 10589:2002 [R2022], Information technology - Intermediate System to Intermediate System Intra-Domain-Routeing Routine Information Exchange Protocol for Use in Conjunction with the Protocol for Providing the Connectionless-mode Network Service (ISO 8473) (reaffirmation of INCITS/ISO/IEC 10589:2002 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)
- ▶ INCITS/ISO/IEC 10641:1993 [S2019], Information Technology - Computer Graphics and Image Processing - Conformance Testing of Implementations of Graphic Standards (stabilized maintenance of INCITS/ISO/IEC 10641-1993 (R2004))  
Public Review Date: Jan 30, 2009 | Final Action Date: Apr 3, 2009 | [Approved](#)
- ▶ INCITS/ISO/IEC 10646:2012/Amd 1:2013, Information technology - Universal Coded Character Set (UCS) - Amendment 1: Linear A, Palmyrene, Manichaean, Khojki, Khudawadi, Bassa Vah, Duployan, and other characters (identical national adoption of ISO/IEC 10646:2012/Amd 1:2013)  
PINS Date: Jun 21, 2013 | Public Review Date: Jul 26, 2013 | Final Action Date: Oct 3, 2013 | [Approved](#)
- ▶ INCITS/ISO/IEC 10646:2017 [2018], Information technology - Universal Coded Character Set (UCS) (identical national adoption of ISO/IEC 10646:2017 and revision of INCITS/ISO/IEC 10646:2014 [2017])  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)
- ▶ INCITS/ISO/IEC 1073-1:1976 [S2013], Alphanumeric character set for optical recognition - Part 1: Character set OCR-A, Shapes and dimensions of the printed image (stabilized maintenance of INCITS/ISO 1073-1:1976 (R2008))  
Public Review Date: Jun 7, 2013 | Final Action Date: Oct 14, 2013 | [Approved](#)
- ▶ INCITS/ISO/IEC 1073-2:1976 [S2013], Coded character sets - Alphanumeric character sets for optical recognition - Part 2: Character set OCR-B, Shapes and dimensions of the printed image (stabilized maintenance of INCITS/ISO/IEC 1073-2-1976 (R2008))  
Public Review Date: Jun 7, 2013 | Final Action Date: Oct 14, 2013 | [Approved](#)

**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 10744:1997 [S2020], Information technology -- Hypermedia/Time-based Structuring Language (HyTime) (stabilized maintenance of INCITS/ISO/IEC 10744:1997 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10746-1:1998 [R2022], Information technology - Open Distributed Processing - Reference model: Overview (reaffirmation of INCITS/ISO/IEC 10746-1:1998 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10746-2:2009 [R2019], Information technology - Open distributed processing - Reference model - Part 2: Foundations (reaffirm a national adoption INCITS/ISO/IEC 10746-2:2009 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10746-3:2009 [R2019], Information technology - Open distributed processing - Reference model: Architecture - Part 3 (reaffirm a national adoption INCITS/ISO/IEC 10746-3:2009 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10746-4:1998 [R2022], Information technology - Open Distributed Processing - Reference Model: Architectural semantics - Part 4: Architectural Semantics (reaffirmation of INCITS/ISO/IEC 10746-4:1998 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10746-4:1998/AM1:2001 [R2022], Information Technology - Open Distributed Processing - Reference Model: Architectural Semantics - Part 4 - AMENDMENT1: Computational Formalization (reaffirmation of INCITS/ISO/IEC 10746-4:1998/AM1:2001 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10747:1994 [R2020], Information technology -- Telecommunications and information exchange between systems -- Protocol for exchange of inter-domain routeing information among intermediate systems to support forwarding of ISO 8473 PDUs (reaffirm a national adoption INCITS/ISO/IEC 10747:1994 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10747:1994/AM 1:1996 [R2020], Information technology -- Telecommunications and information exchange between systems -- Protocol for exchange of inter-domain routeing information among intermediate systems to support forwarding of ISO 8473 PDUs - Amendment 1: Implementation conformance statement proformas (reaffirm a national adoption INCITS/ISO/IEC 10747:1994/AM 1:1996 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10747:1994/COR 1:1996 [R2020], Information technology -- Telecommunications and information exchange between systems -- Protocol for exchange of inter domain routeing information among intermediate systems to support forwarding of ISO 8473 PDUs Technical Corrigendum 1 (reaffirm a national adoption INCITS/ISO/IEC 10747:1994/COR 1:1996 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10779:2008 [R2019], Information technology accessibility guidelines for elderly persons and persons with disabilities (reaffirm a national adoption INCITS/ISO/IEC 10779:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10885:1993 [S2020], Information technology -- 356 mm optical disk cartridge for information interchange -- Write once (stabilized maintenance of INCITS/ISO/IEC 10885:1993 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10918-1:1994 [R2018], Information technology - Digital compression and coding of continuous-tone still images: Requirements and guidelines (reaffirm a national adoption INCITS/ISO/IEC 10918-1:1994 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10918-2:1995 [R2018]], Information technology - Digital compression and coding of continuous-tone still images: Compliance testing (reaffirm a national adoption INCITS/ISO/IEC 10918-2:1995 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 10918-3:1997 [R2018], Information technology - Digital compression and coding of continuous-tone still images: Extensions (reaffirm a national adoption INCITS/ISO/IEC 10918-3:1997 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10918-3:1997/AM1:1999 [R2019], Information technology - Digital compression and coding of continuous-tone still images: Extensions - Amendment 1: Provisions to allow registration of new compression types and versions in the SPIFF header (reaffirm a national adoption INCITS/ISO/IEC 10918-3:1997/AM1:1999 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10918-4:1999 [R2019], Information technology - Digital compression and coding of continuous-tone still images: Registration of JPEG profiles, SPIFF profiles, SPIFF tags, SPIFF colour spaces, APPn markers, SPIFF compression types and Registration Authorities (reaffirm a national adoption INCITS/ISO/IEC 10918-4:1999 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10994:1992 [S2012], Information Technology - Data Interchange on 90mm Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 31 831 ftprad on 80 Tracks on Each Side - ISO Type 303 (stabilized maintenance of INCITS/ISO/IEC 10994-1992 (R2007))  
Public Review Date: Jun 8, 2012 | Final Action Date: Aug 20, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 10995:2011 [R2018], Information technology -- Digitally recorded media for information interchange and storage -- Test method for the estimation of the archival lifetime of optical media (reaffirm a national adoption INCITS/ISO/IEC 10995:2011 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11002:2008 [R2018], Information technology -- Multipath management API (reaffirm a national adoption INCITS/ISO/IEC 11002:2008 (2013))  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11072:1992 [S2019], Information technology - Computer graphics - Computer Graphics Reference Model (stabilized maintenance of INCITS/ISO/IEC 11072-1992 (R2004))  
Public Review Date: Jan 30, 2009 | Final Action Date: Apr 3, 2009 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11160-1:1996 [S2014], Information technology - Office Equipment - Minimum information to be included in specification sheets - Printers - Part 1: Class 1 and Class 2 printers (stabilized maintenance of INCITS/ISO/IEC 11160-1:1996 [R2009])  
Public Review Date: Jul 4, 2014 | Final Action Date: Nov 21, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11160-2:2021 [2022], Office equipment - Minimum information to be included in specification sheets - Part 2: Class 3 and Class 4 printers (identical national adoption of ISO/IEC 11160-2:2021 and revision of INCITS/ISO/IEC 11160-2:2013 [R2019])  
PINS Date: Jun 24, 2022 | Public Review Date: Aug 5, 2022 | Final Action Date: Nov 11, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11172-1:1993 [R2018], Information Technology - Coding of Moving Pictures and Associated Audio for Digital Storage Media at up to about 1,5 Mbit/s - Part 1: Systems (reaffirm a national adoption INCITS/ISO/IEC 11172-1:1993 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 3, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11172-2:1993 [R2018], Information Technology - Coding of Moving Pictures and Associated Audio for Digital Storage Media at up to about 1,5 Mbit/s - Part 2: Video (reaffirm a national adoption INCITS/ISO/IEC 11172-2:1993 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11172-3:1993 [R2018], Information Technology - Coding of Moving Pictures and Associated Audio for Digital Storage Media at up to about 1,5 Mbit/s - Part 3: Audio (reaffirm a national adoption INCITS/ISO/IEC 11172-3:1993 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 11172-4:1995 [R2018], Information technology -- Coding of moving pictures and associated audio for digital storage media at up to about 1,5 Mbit/s -- Part 4: Compliance testing (reaffirm a national adoption INCITS/ISO/IEC 11172-4:1995 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11179-1:2015 [R2020], Information technology - Metadata registries (MDR) - Part 1: Framework (identical national adoption of ISO/IEC 11179-1:2015 and revision of INCITS/ISO/IEC 11179-1:2004 [R2015])  
PINS Date: Feb 28, 2020 | Public Review Date: Apr 10, 2020 | Final Action Date: Jun 22, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11179-3:2013 [R2019], Information technology - Metadata registries (MDR) - Part 3: Registry metamodel and basic attributes (reaffirm a national adoption INCITS/ISO/IEC 11179-3:2013 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11179-4:2004 [R2019], Information technology - Metadata registries (MDR) - Part 4: Formulation of data elements (reaffirm a national adoption INCITS/ISO/IEC 11179-4:2004 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11179-5:2015 [R2021], Information technology - Metadata registries (MDR) - Part 5: Naming principles (reaffirm a national adoption INCITS/ISO/IEC 11179-5:2015 [2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11179-6:2015 [R2020], Information technology - Metadata registries (MDR) - Part 6: Registration (identical national adoption of ISO/IEC 11179-6:2015 and revision of INCITS/ISO/IEC 11179-6:2005 [R2015])  
PINS Date: Feb 28, 2020 | Public Review Date: Apr 10, 2020 | Final Action Date: Jun 22, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11319:1993 [S2016], Information Technology - 8mm Wide Magnetic Tape Cartridges for Information Interchange - Helical Scan Recording (stabilized maintenance of INCITS/ISO/IEC 11319:1993 [R2008])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 3, 2016 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11404:2007 [R2019], Information technology - General-Purpose Datatypes (GPD) (reaffirm a national adoption INCITS/ISO/IEC 11404:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Oct 29, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11544:1993 [R2018], Information technology - Coded representation of picture and audio information - Progressive bi-level image compression (reaffirm a national adoption INCITS/ISO/IEC 11544:1993 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11557:1992 [S2018], Information Technology - 3.81 mm Wide Magnetic Tape Cartridge for Information Interchange - Helical Scan Recording - DDS-DC Format Using 60 m and 90 m Length Tapes (stabilized maintenance of INCITS/ISO/IEC 11557-1992 (R2004))  
Public Review Date: Oct 17, 2008 | Final Action Date: Dec 19, 2008 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11560:1992 [S2020], Information Technology - Information Interchange On 130 Mm Optical Disk Cartridges Using The Magneto-Optical Effect, For Write Once, Read Multiple Functionality (stabilized maintenance of INCITS/ISO/IEC 11560:1992 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11571:1998 [S2016], Information technology - Telecommunications and Information Exchange Between Systems - Private Integrated Services Networks - Addressing (stabilized maintenance of INCITS/ISO/IEC 11571-1998 [R2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 3, 2016 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11572:2000 [S2012], Information technology - Telecommunications and information exchange between systems - Private Integrated Services Network - Circuit mode bearer services - Inter-exchange signalling procedures and protocol (stabilized maintenance of INCITS/ISO/IEC 11572-2000 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 6, 2012 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 11574:2000 [R2019], Information Technology - Telecommunications and Information Exchange Between Systems - Private Integrated Services Network - Circuit-mode 64 kbit/s Bearer Services - Service Description, Functional Capabilities and Information Flows (reaffirm a national adoption INCITS/ISO/IEC 11574:2000 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 11576:1994 [S2018], Procedures for the Registration of Algorithms for the Lossless Compression of Data (stabilized maintenance of INCITS/ISO/IEC 11576-1994 (R2003))  
Public Review Date: Feb 8, 2008 | Final Action Date: Jun 19, 2008 | [Approved](#)
- ▶ INCITS/ISO/IEC 11579-1:1994 [S2015], Information technology - Telecommunications and information exchange between systems - Private integrated services network - Part 1: Reference configuration for PISN Exchanges (PINX) (stabilized maintenance of INCITS/ISO/IEC 11579:1:1994 [R2010])  
Public Review Date: Aug 28, 2015 | Final Action Date: Dec 22, 2015 | [Approved](#)
- ▶ INCITS/ISO/IEC 11579-1:1994/TC1:1996 [S2015], Information technology - Telecommunications and information exchange between systems - Private integrated services network - Part 1: Reference configuration for PISN Exchanges (PINX) - Technical Corrigendum 1 (stabilized maintenance of INCITS/ISO/IEC 11579:1:1994/TC1:1996 [R2010])  
Public Review Date: Aug 28, 2015 | Final Action Date: Dec 22, 2015 | [Approved](#)
- ▶ INCITS/ISO/IEC 11581-6:1999 [S2016], Information technology - User system interfaces and symbols - Icon symbols and functions - Part 6: Action Icons (stabilized maintenance of INCITS/ISO/IEC 11581-6-1999 [R2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 3, 2016 | [Approved](#)
- ▶ INCITS/ISO/IEC 11693-1:2012 [R2019], Identification cards - Optical memory cards - Part 1: General characteristics (reaffirm a national adoption INCITS/ISO/IEC 11693-1:2012 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 11693-2:2009 [2021], Identification cards - Optical memory cards - Part 2: Co-existence of optical memory with other machine readable technologies (identical national adoption of ISO/IEC 11693-2:2009)  
PINS Date: Jun 25, 2021 | Public Review Date: Aug 6, 2021 | Final Action Date: Oct 18, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 11693-3:2015 [2021], Identification cards - Optical memory cards - Part 3: Authentication techniques (identical national adoption of ISO/IEC 11693-3:2015)  
PINS Date: Jun 25, 2021 | Public Review Date: Aug 6, 2021 | Final Action Date: Oct 18, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 11694-1:2012 [R2019], Identification cards -- Optical memory cards -- Linear recording method -- Part 1: Physical characteristics (reaffirm a national adoption INCITS/ISO/IEC 11694-1:2012 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 1, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 11694-2:2012 [R2019], Identification cards -- Optical memory cards -- Linear recording method - Part 2: Dimensions and Location of the Accessible Optical Area (reaffirm a national adoption INCITS/ISO/IEC 11694-2:2012 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 1, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 11694-3:2015 [R2021], Identification cards - Optical memory cards - Linear recording method - Part 3: Optical properties and characteristics (reaffirm a national adoption INCITS/ISO/IEC 11694-3:2015 [2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 11694-4:2008 [R2016], Identification cards -- Optical memory cards -- Linear recording method -- Part 4: Logical data structures (reaffirm a national adoption INCITS/ISO/IEC 11694-4:2008 [2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 3, 2016 | [Approved](#)
- ▶ INCITS/ISO/IEC 11694-4:2008 [R2021], Identification cards -- Optical memory cards -- Linear recording method -- Part 4: Logical data structures (reaffirm a national adoption INCITS/ISO/IEC 11694-4:2008 [2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 11694-5:2014 [R2021], Identification cards - Optical memory cards - Linear recording method - Part 5: Data format for information interchange for applications using ISO/IEC 11694-4 (reaffirm a national adoption INCITS/ISO/IEC 11694-5:2014 [2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11694-6:2014 [R2021], Identification cards - Optical memory cards - Linear recording method - Part 6: Use of biometrics on an optical memory card (reaffirm a national adoption INCITS/ISO/IEC 11694-6:2014 [2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11695-1:2015 [R2021], Identification cards -- Optical memory cards -- Holographic recording method -- Part 1: Physical characteristics (reaffirm a national adoption INCITS/ISO/IEC 11695-1:2015 [2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11695-2:2015 [R2021], Identification cards - Optical memory cards - Holographic recording method - Part 2: Dimensions and location of accessible optical area (reaffirm a national adoption INCITS/ISO/IEC 11695-2:2015 [2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11695-3:2017 [2021], Identification Cards - Optical Memory Cards - Holographic Recording Method - Part 3: Optical Properties And Characteristics (identical national adoption of ISO/IEC 11695-3:2017 and revision of INCITS/ISO/IEC 11695-3:2008 [R2016])  
PINS Date: Feb 12, 2021 | Public Review Date: Mar 26, 2021 | Final Action Date: Aug 9, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11770-1:2010 [R2018], Information technology - Security techniques - Key management - Part 1: Framework (reaffirm a national adoption INCITS/ISO/IEC 11770-1:2010 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11770-2:2018 [2019], IT Security techniques -- Key management -- Part 2: Mechanisms using symmetric techniques (identical national adoption of ISO/IEC 11770-2:2018 and revision of INCITS/ISO/IEC 11770-2:2008 [R2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11770-3:2015 [2018], Information technology - Security techniques - Key management - Part 3: Mechanisms using asymmetric techniques (identical national adoption of INCITS/ISO/IEC 11770-3:2008[R2014] and revision of INCITS/ISO/IEC 11770-3:2008 [R2014])  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11770-3:2015/AM1:2017 [2022], Information technology - Security techniques - Key management - Part 3: Mechanisms using asymmetric techniques - Amendment 1: Blinded Diffie-Hellman key agreement (identical national adoption of ISO/IEC 11770-3:2015/AM1:2017)  
PINS Date: Oct 29, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11770-3:2015/COR 1:2016 [2019], Information technology Security techniques Key management Part 3: Mechanisms using asymmetric techniques Technical Corrigendum 1 (identical national adoption of ISO/IEC 11770-3:2015/COR 1:2016)  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11770-4:2017 [2018], Information technology - Security techniques - Key management - Part 4: Mechanisms based on weak secrets (identical national adoption of ISO/IEC 11770-4:2017 and revision of INCITS/ISO/IEC 11770:4:2006 [R2013])  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11770-4:2017/AM 1:2019 [2020], Information technology — Security techniques — Key management — Part 4: Mechanisms based on weak secrets — Amendment 1: Unbalanced Password-Authenticated Key Agreement with Identity-Based Cryptosystems (UPAKA-IBC) (identical national adoption of ISO/IEC 11770-4:2017/Amd1:2019)  
PINS Date: May 29, 2020 | Public Review Date: Jul 10, 2020 | Final Action Date: Sep 28, 2020 | [Approved](#)

**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 11770-5:2020 [2022], Information security - Key management - Part 5: Group key management (identical national adoption of ISO/IEC 11770-5:2020 and revision of INCITS/ISO/IEC 11770-5:2011 [R2017])  
PINS Date: Feb 18, 2022 | Public Review Date: Apr 8, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11770-6:2016 [2019], Information technology -- Security techniques -- Key management -- Part 6: Key derivation (identical national adoption of ISO/IEC 11770-6:2016)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11889-1:2015 [2019], Information technology -- Trusted platform module library -- Part 1: Architecture (identical national adoption of ISO/IEC 11889-1:2015 and revision of INCITS/ISO/IEC 11889-1:2009 [R2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11889-2:2015 [2019], Information technology -- Trusted Platform Module Library -- Part 2: Structures (identical national adoption of ISO/IEC 11889-2:2015 and revision of INCITS/ISO/IEC 11889-2:2009 [R2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11889-3:2015 [2019], Information technology -- Trusted Platform Module Library -- Part 3: Commands (identical national adoption of ISO/IEC 11889-3:2015 and revision of INCITS/ISO/IEC 11889-3:2009 [R2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11889-4:2015 [2019], Information technology -- Trusted Platform Module Library -- Part 4: Supporting Routines (identical national adoption of ISO/IEC 11889-4:2015 and revision of INCITS/ISO/IEC 11889-4:2009 [R2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11976:2008 [S2019], Information technology - Data interchange on 130 mm rewritable and write-once-read-many ultra density optical (UDO) disk cartridges - Capacity: 60 Gbytes per cartridge - Second generation (stabilized maintenance of INCITS/ISO/IEC 11976:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 11989:2010 [R2018], Information technology - iSCSI Management API (reaffirm a national adoption INCITS/ISO/IEC 11989:2010 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 12087-1:1995 [S2020], Information Technology - Computer Graphics and Image Processing - Image Processing and Interchange (IPI) - Functional Specification - Part 1: Common Architecture for Imaging (stabilized maintenance of INCITS/ISO/IEC 12087-1-1995 (R2005))  
Public Review Date: Dec 25, 2009 | Final Action Date: Feb 18, 2010 | [Approved](#)

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- ▶ INCITS/ISO/IEC 12087-2:1994 [S2020], Information Technology - Computer Graphics And Image Processing - Image Processing And Interchange (IPI) - Functional Specification - Part 2: Programmers Imaging Kernel System Application Programme Interface (stabilized maintenance of INCITS/ISO/IEC 12087-2:1994 [R2014])  
Public Review Date: May 22, 2020 | Final Action Date: Sep 8, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 12087-2:1994/COR 1:1997 [R2020], Information Technology - Computer Graphics And Image Processing - Image Processing And Interchange (IPI) - Functional Specification - Part 2: Programmers Imaging Kernel System Application Programme Interface - Technical Corrigendum 1 (reaffirm a national adoption INCITS/ISO/IEC 12087-2:1994/COR 1:1997 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 12087-3:1995 [S2021], Information technology - Computer graphics and image processing - Image Processing and Interchange (IPI) - Functional specification - Part 3: Image Interchange Facility (stabilized maintenance of INCITS/ISO/IEC 12087-3-1995 (R2006))  
Public Review Date: Sep 2, 2011 | Final Action Date: Dec 29, 2011 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 12087-3:1995/AM1:1996 [S2021], Information Technology - Computer Graphics and Image Processing - Image Processing and Interchange (IPI) - Functional Specification - Part 3: Image Interchange Facility (IIF): Amendment 1: Type Definition, Scoping and Logical Views for Image Interchange Facility (stabilized maintenance of INCITS/ISO/IEC 12087-3-1995/AM1-1996 (R2006))  
Public Review Date: Sep 2, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)
- ▶ INCITS/ISO/IEC 12087-5:1998 [S2019], Information Technology - Computer Graphics and Image Processing - Image Processing and Interchange (IPI) - Functional Specification - Part 5: Basic Image Interchange Format (BIIF) (stabilized maintenance of INCITS/ISO/IEC 12087-5-1998 (R2004))  
Public Review Date: Jan 30, 2009 | Final Action Date: Apr 3, 2009 | [Approved](#)
- ▶ INCITS/ISO/IEC 12087-5:1998/COR 1:2001 [R2020], Information Technology - Computer Graphics And Image Processing - Image Processing And Interchange (IPI) - Functional Specification - Part 5: Basic Image Interchange Format (BIIF) - Technical Corrigendum 1 (reaffirm a national adoption INCITS/ISO/IEC 12087-5:1998/COR 1:2001 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)
- ▶ INCITS/ISO/IEC 12087-5:1998/COR 2:2002 [R2020], Information Technology - Computer Graphics And Image Processing - Image Processing And Interchange (IPI) - Functional Specification - Part 5: Basic Image Interchange Format (BIIF) - Technical Corrigendum 2 (reaffirm a national adoption INCITS/ISO/IEC 12087-5:1998/COR 2:2002 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)
- ▶ INCITS/ISO/IEC 12088-4:1995 [S2021], Information technology - Computer graphics and image processing - Image processing and interchange - Application program interface language bindings (stabilized maintenance of INCITS/ISO/IEC 12088-4-1995 (R2006))  
Public Review Date: Sep 2, 2011 | Final Action Date: Dec 29, 2011 | [Approved](#)
- ▶ INCITS/ISO/IEC 12089:1997 [S2020], Information Technology - Computer Graphics and Image Processing - Encoding for the Image Interchange Facility (IIF) (stabilized maintenance of INCITS/ISO/IEC 12089:1997 [R2014])  
Public Review Date: May 22, 2020 | Final Action Date: Sep 8, 2020 | [Approved](#)
- ▶ INCITS/ISO/IEC 12246:1993 [S2013], 8 mm wide magnetic tape cartridge dual azimuth format for information interchange - Helical Scan Recording (stabilized maintenance of INCITS/ISO/IEC 12246-1993 (S2008))  
Public Review Date: Jun 7, 2013 | Final Action Date: Oct 14, 2013 | [Approved](#)
- ▶ INCITS/ISO/IEC 12248:1993 [S2013], 3,81 mm wide magnetic tape cartridge for information interchange - Helical scan recording - DATA/DAT-DC format using 60m and 90 m length tapes (stabilized maintenance of INCITS/ISO/IEC 12248-1993 (R2008))  
Public Review Date: Jun 7, 2013 | Final Action Date: Oct 14, 2013 | [Approved](#)
- ▶ INCITS/ISO/IEC 12862:2011 [R2019], Information technology - 120 mm (8,54 Gbytes per side) and 80 mm (2,66 Gbytes per side) DVD recordable disk for dual layer (DVD-R for DL) (reaffirm a national adoption INCITS/ISO/IEC 12862:2011 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 13187:2011 [R2018], Information technology -- Server management command line protocol (SM CLP) specification (reaffirm a national adoption INCITS/ISO/IEC 13187:2011 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)
- ▶ INCITS/ISO/IEC 13211-1:1995 [R2022], Information technology - Prolog Language Standard - Part 1: General Core (reaffirmation of INCITS/ISO/IEC 13211-1:1995 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)
- ▶ INCITS/ISO/IEC 13211-2:2000 [S2016], Information technology - Programming languages - Prolog - Part 2: Modules (stabilized maintenance of INCITS/ISO/IEC 13211-2-2000 [R2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 2, 2016 | [Approved](#)

**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 13235-1:1998 [R2022], Information technology - Open Distributed Processing -Trading function: Specification - Part 1: Specification (reaffirmation of INCITS/ISO/IEC 13235-1:1998 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13235-3:1998 [R2022], Information technology - Open Distributed Processing - Trading Function - Part 3: Provision of Trading Function using OSI Directory service (reaffirmation of INCITS/ISO/IEC 13235-3:1998 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13249-1:2016 [R2022], Information technology -- Database languages -- SQL multimedia and application packages -- Part 1: Framework (reaffirmation of INCITS/ISO/IEC 13249-1:2016 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13249-2:2003 [S2016], Information technology -- Database languages -- SQL multimedia and application packages -- Part 2: Full-Text (stabilized maintenance of INCITS/ISO/IEC 13249-2-2003 [R2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 10, 2016 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13249-3:2016 [R2022], Information technology -- Database languages -- SQL multimedia and application packages -- Part 3: Spatial (reaffirmation of INCITS/ISO/IEC 13249-3:2016 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13249-5:2003 [S2016], Information technology -- Database languages -- SQL multimedia and application packages -- Part 5: Still image (stabilized maintenance of INCITS/ISO/IEC 13249-5:2003 [R2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 10, 2016 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13249-6:2006 [R2022], Information technology - Database languages - SQL multimedia and application packages - Part 6: Data mining (reaffirmation of INCITS/ISO/IEC 13249-6:2006 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13250-2:2006 [R2019], Information technology - Topic Maps - Part 2: Data model (reaffirm a national adoption INCITS/ISO/IEC 13250-2:2006 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13250-3:2013 [R2019], Information technology - Topic Maps - Part 3: XML syntax (reaffirm a national adoption INCITS/ISO/IEC 13250-3:2013 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13250-4:2009 [R2019], Information technology - Topic Maps - Part 4: Canonicalization (reaffirm a national adoption INCITS/ISO/IEC 13250-4:2009 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13250-6:2010 [R2018], Information technology -- Topic Maps -- Part 6: Compact syntax (reaffirm a national adoption INCITS/ISO/IEC 13250-6:2010 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13403:1995 [S2019], Information Technology - Information Interchange on 300 mm Optical Disk Cartridges of the Write Once, Read Multiple (WORM) Type Using the CCS Method (stabilized maintenance of INCITS/ISO/IEC 13403-1995 (R2004))  
Public Review Date: Nov 7, 2008 | Final Action Date: Feb 2, 2009 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13422:1994 [S2018], Information technology - 90 mm flexible disk cartridges - 10 MByte capacity using sector servo tracking (stabilized maintenance of INCITS/ISO/IEC 13422-1994 (R2003))  
Public Review Date: Feb 8, 2008 | Final Action Date: Jun 19, 2008 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13481:1993 [S2019], Information Technology - Data Interchange on 130 mm Optical Disk Cartridges - Capacity: 1 Gigabyte Per Cartridge (stabilized maintenance of INCITS/ISO/IEC 13481-1993 (R2004))  
Public Review Date: Nov 7, 2008 | Final Action Date: Feb 2, 2009 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 13549:1993 [S2019], Information Technology - Data Interchange on 130 mm Optical Disk Cartridges - Capacity: 1,3 Gigabytes Per Cartridge (stabilized maintenance of INCITS/ISO/IEC 13549-1993 (R2004))  
Public Review Date: Nov 7, 2008 | Final Action Date: Feb 2, 2009 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13568:2002 [R2022], Information technology - Z formal specification notation - Syntax, type system and semantics (reaffirmation of INCITS/ISO/IEC 13568:2002 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13614:1995 [S2019], Information technology - Interchange on 300 mm optical disk cartridges of the write once, read multiple (WORM) type using the SSF method (stabilized maintenance of INCITS/ISO/IEC 13614-1995 (R2004))  
Public Review Date: Nov 7, 2008 | Final Action Date: Feb 2, 2009 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13673:2000 [R2015], Information technology - Document processing and related communication - Conformance testing for Standard Generalized Markup Language (SGML) systems (reaffirm a national adoption INCITS/ISO/IEC 13673:2000 [2010])  
Public Review Date: Aug 28, 2015 | Final Action Date: Dec 23, 2015 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13714:1995 [S2021], Information Technology - User Interface to Telephone-based Services: Voice Messaging Applications (stabilized maintenance of INCITS/ISO/IEC 13714-1995 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13817-1:1996 [S2012], Information technology - Programming languages, their environments and system software interfaces - Vienna Development Method - Specification Language - Part 1: Base language (stabilized maintenance of INCITS/ISO/IEC 13817-1-1996 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 6, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13818-1:2019 [2019], Information technology -- Generic coding of moving pictures and associated audio information -- Part 1: Systems (identical national adoption of ISO/IEC 13818-1:2019 and revision of INCITS/ISO/IEC 13818-1:2013 [2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13818-1:2019/AM1:2020 [2021], Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems - Amendment 1: Carriage of JPEG XS in MPEG-2 TS (identical national adoption of ISO/IEC 13818-1:2019/AM1:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13818-1:2019/COR1:2020 [2021], Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems - Technical Corrigendum 1 (identical national adoption of ISO/IEC 13818-1:2019/COR1:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13818-10:1999 [R2019], Information Technology - Generic coding of moving pictures and associated audio information - Part 10: Conformance extensions for Digital Storage Media Command and Control (DSM-CC) (reaffirm a national adoption INCITS/ISO/IEC 13818-10:1999 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13818-2:2000/AM1:2001 [R2013], Information Technology - Generic Coding of Moving Pictures and Associated Audio Information - Part 2: Video AMENDMENT 1: Content Description Data (reaffirm a national adoption INCITS/ISO/IEC 13818-2:2000/AM1:2001)  
Public Review Date: Feb 15, 2013 | Final Action Date: Aug 12, 2013 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13818-2:2013 [R2019], Information technology -- Generic coding of moving pictures and associated audio information: Video (reaffirm a national adoption INCITS/ISO/IEC 13818-2:2013 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 13818-3:1998 [R2022], Information Technology - Generic Coding of Moving Pictures and Associated Audio Information - Part 3: Audio (reaffirmation of INCITS/ISO/IEC 13818-3:1998 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13818-4:2004 [R2019], Information Technology - Generic coding of moving pictures and associated audio information - Part 4: Conformance testing (reaffirm a national adoption INCITS/ISO/IEC 13818-4:2004 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13818-4:2004/AM 3:2009 [R2021], Information technology -- Generic coding of moving pictures and associated audio information -- Part 4: Conformance testing - Amendment 3: Level for 108050p/60p conformance testing (reaffirm a national adoption INCITS/ISO/IEC 13818-4:2004/AM3:2009 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13818-4:2004/AM1:2005 [R2019], Information Technology - Generic Coding of Moving Pictures and Associated Audio Information - Part 4: Conformance Testing - Amendment 1: MPEG-2 IPMP conformance testing (reaffirm a national adoption INCITS/ISO/IEC 13818-4:2004/AM1:2005 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13818-4:2004/AM2:2005 [R2019], Information technology - Generic coding of moving pictures and associated audio information - Part 4: Conformance testing - Amendment 2: Additional audio conformance test sequences (reaffirm a national adoption INCITS/ISO/IEC 13818-4:2004/AM2:2005 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13818-6:1998 [R2022], Information technology - Generic coding of moving pictures and associated audio information - Part 6: Extensions for DSM-CC (reaffirmation of INCITS/ISO/IEC 13818-6:1998 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13818-6:1998/AM 1:2000 [R2021], Information technology - Generic coding of moving pictures & associated audio info - Part 6: Extensions for DSM-CC - Amendment 1: Additions to support data broadcasting (reaffirm a national adoption INCITS/ISO/IEC 13818-6:1998/AM 1:2000 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13818-6:1998/AM2:2000 [R2019], Information technology -- Generic coding of moving pictures and associated audio information -- Part 6: Extensions for DSM-CC Amendment 2: Additions to support synchronized download services, opportunistic data services and resource announcement in broadcast and interactive services (reaffirm a national adoption INCITS/ISO/IEC 13818-6:1998/AM2:2000 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13818-6:1998/AM3:2001 [R2022], Information technology - Generic coding of moving pictures and associated audio information - Part 6: Extensions for DSM-CC Amendment 3: Transport buffer model in support of synchronized user-to-network download protocol (reaffirmation of INCITS/ISO/IEC 13818-6:1998/AM3:2001 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13818-7:2006 [R2019], Information technology - Generic coding of moving pictures and associated audio information - Part 7: Advance Audio Coding (AAC) (reaffirm a national adoption INCITS/ISO/IEC 13818-7:2006 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13818-7:2006/AM1:2007 [R2019], Information technology - Generic coding of moving pictures and associated audio information - Part 7: Advanced Audio Coding (AAC) - Amendment 1: Transport of MPEG Surround in AAC (reaffirm a national adoption INCITS/ISO/IEC 13818-7:2006/AM1:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13818-9:1996 [R2022], Information technology - Generic coding of moving pictures and associated audio information - Part 9: Extension for real time interface for systems decoders (reaffirmation of INCITS/ISO/IEC 13818-9:1996 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 13842:1995 [S2021], Information Technology - 130 mm optical disk cartridges for information interchange - Capacity: 2 Gbytes per cartridge (stabilized maintenance of INCITS/ISO/IEC 13842-1995 (R2006))  
Public Review Date: Sep 2, 2011 | Final Action Date: Dec 14, 2011 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13888-1:2009 [R2019], Information technology - Security techniques - Non-repudiation - Part 1: General (reaffirm a national adoption INCITS/ISO/IEC 13888-1:2009 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13888-2:2010 [R2022], Information technology - Security techniques - Non-repudiation - Part 2: Mechanisms using symmetric techniques (reaffirmation of INCITS/ISO/IEC 13888-2:2010 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13888-2:2010/COR1:2012 [2022], Information technology - Security techniques - Non-repudiation - Part 2: Mechanisms using symmetric techniques - Technical Corrigendum 1 (identical national adoption of ISO/IEC 13888-2:2010/COR1:2012)  
PINS Date: Oct 29, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13888-3:2009 [R2020], Information technology - Security techniques - Non-repudiation - Part 3: Mechanisms using asymmetric techniques (reaffirm a national adoption INCITS/ISO/IEC 13888-3:2009 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13923:1996 [S2020], Information Technology - 3,81 mm Wide Magnetic Tape Cartridge for Information Interchange - Helical Scan Recording - DDS-2 Format Using 120 m Length Tape (formerly ISO/IEC 13923:1997) (stabilized maintenance of INCITS/ISO/IEC 13923-1996 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 6, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 13963:1995 [S2019], Information technology - Data Interchange on 90 mm Optical Disk Cartridges - Capacity: 230 Megabytes Per Cartridge (stabilized maintenance of INCITS/ISO/IEC 13963-1995 (R2004))  
Public Review Date: Nov 7, 2008 | Final Action Date: Feb 2, 2009 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14165-133:2010 [S2021], Information technology -- Fibre Channel -- Part 133: Switch Fabric-3 (FC-SW-3) (stabilized maintenance of INCITS/ISO/IEC 14165-133:2010 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14165-147:2021 [2021] , Information technology - Fibre Channel - Part 147: Physical Interfaces - 7 (FC-PI-7) (identical national adoption of ISO/IEC 14165-147:2021)  
PINS Date: Apr 16, 2021 | Public Review Date: Jun 11, 2021 | Final Action Date: Aug 18, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14165-226:2020 [2020], Information technology - Fibre channel - Part 226: Single-byte command code sets mapping protocol - 6 (FC-SB-6) (identical national adoption of ISO/IEC 14165-226:2020)  
PINS Date: Aug 14, 2020 | Public Review Date: Oct 2, 2020 | Final Action Date: Dec 15, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14165-246:2019 [2020], Information technology - Fibre channel - Part 246: Backbone - 6 (FC-BB-6) (identical national adoption of ISO/IEC 14165-246:2019)  
PINS Date: Aug 14, 2020 | Public Review Date: Oct 2, 2020 | Final Action Date: Dec 15, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14165-321:2009 [S2021], Information technology -- Fibre Channel -- Part 321: Audio-Video (FC-AV) (stabilized maintenance of INCITS/ISO/IEC 14165-321:2009 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14165-331:2007 [S2021], Information technology -- Fibre Channel -- Part 331: Virtual Interface (FC-VI) (stabilized maintenance of INCITS/ISO/IEC 14165-331:2007 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14165-414:2007 [S2017], Information technology - Fibre Channel Generic Services-4 (FC-GS-4) (stabilized maintenance of INCITS/ISO/IEC 14165-414:2007 [R2012])  
Public Review Date: Jun 9, 2017 | Final Action Date: Dec 29, 2017 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- INCITS/ISO/IEC 14169:1995 [S2012], Information Technology - 90 mm Flexible Disk Cartridges for Information Interchange - 21 Mbytes Formatted Capacity - ISO Type 305 (stabilized maintenance of INCITS/ISO/IEC 14169-1995 (R2007))  
Public Review Date: Jun 8, 2012 | Final Action Date: Aug 20, 2012 | [Approved](#)
- 
- INCITS/ISO/IEC 14417:1999 [R2019], Information Technology - Data Recording Format DD-1 for Magnetic Tape Cassette Conforming to ISO/IEC 1016 (formerly ANSI/ISO/IEC 14417-1999) (reaffirm a national adoption INCITS/ISO/IEC 14417:1999 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
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- INCITS/ISO/IEC 14443-1:2018 [2020], Cards and security devices for personal identification - Contactless proximity objects - Part 1: Physical characteristics (identical national adoption of ISO/IEC 14443-1:2018 and revision of INCITS/ISO/IEC 14443-1:2008 [R2015])  
PINS Date: Feb 28, 2020 | Public Review Date: Apr 10, 2020 | Final Action Date: Jun 22, 2020 | [Approved](#)
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- INCITS/ISO/IEC 14443-2:2020 [2021], Cards and security devices for personal identification — Contactless proximity objects — Part 2: Radio frequency power and signal interface (identical national adoption of ISO/IEC 14443-2:2020 and revision of INCITS/ISO/IEC 14443-2:2016 [2016])  
PINS Date: Feb 12, 2021 | Public Review Date: Mar 26, 2021 | Final Action Date: Aug 9, 2021 | [Approved](#)
- 
- INCITS/ISO/IEC 14443-2:2020/AM1:2021 [2021], Cards and security devices for personal identification - Contactless proximity objects - Part 2: Radio frequency power and signal interface - Amendment 1: Dynamic power level management (identical national adoption of ISO/IEC 14443-2:2020/AM1:2021)  
PINS Date: Jun 25, 2021 | Public Review Date: Aug 6, 2021 | Final Action Date: Oct 18, 2021 | [Approved](#)
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- INCITS/ISO/IEC 14443-3:2018 [2020], Cards And Security Devices For Personal Identification - Contactless Proximity Objects - Part 3: Initialization And Anticollision (identical national adoption of ISO/IEC 14443-3:2018 and revision of INCITS/ISO/IEC 14443-3:2016 [2016])  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)
- 
- INCITS/ISO/IEC 14443-3:2018/AM1:2021 [2021], Cards and security devices for personal identification - Contactless proximity objects - Part 3: Initialization and anticollision - Amendment 1: Dynamic power level management (identical national adoption of ISO/IEC 14443-3:2018/AM1:2021)  
PINS Date: Jun 25, 2021 | Public Review Date: Aug 6, 2021 | Final Action Date: Oct 18, 2021 | [Approved](#)
- 
- INCITS/ISO/IEC 14443-3:2018/AM2:2020 [2021], Cards and security devices for personal identification - Contactless proximity objects - Part 3: Initialization and anticollision — Amendment 2: Enhancements for harmonization (identical national adoption of ISO/IEC 14443-3:2018/AM2:2020)  
PINS Date: Jun 25, 2021 | Public Review Date: Aug 6, 2021 | Final Action Date: Oct 18, 2021 | [Approved](#)
- 
- INCITS/ISO/IEC 14443-4:2018 [2020], Cards And Security Devices For Personal Identification - Contactless Proximity Objects - Part 4: Transmission Protocol (identical national adoption of ISO/IEC 14443-4:2018 and revision of INCITS/ISO/IEC 14443-4:2016 [2016])  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)
- 
- INCITS/ISO/IEC 14443-4:2018/AM 1:2021 [2022], Cards and security devices for personal identification - Contactless proximity objects - Part 4: Transmission protocol - Amendment 1: Dynamic power level managementement (identical national adoption of ISO/IEC 14443-4:2018/AM1:2021)  
PINS Date: Apr 8, 2022 | Public Review Date: May 20, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)
- 
- INCITS/ISO/IEC 14443-4:2018/AM2:2020 [2021], Cards and security devices for personal identification - Contactless proximity objects - Part 4: Transmission protocol - Amendment 2: Enhancements for harmonization (identical national adoption of ISO/IEC 14443-4:2018/AM2:2020)  
PINS Date: Jun 25, 2021 | Public Review Date: Aug 6, 2021 | Final Action Date: Oct 18, 2021 | [Approved](#)
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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 14473:1999 [R2018], Information technology -- Office equipment -- Minimum information to be specified for image scanners (reaffirm a national adoption INCITS/ISO/IEC 14473:1999 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14478-1:1998 [S2019], Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 1: Fundamentals of PREMO (stabilized maintenance of INCITS/ISO/IEC 14478-1-1998 (R2004))  
Public Review Date: Jan 30, 2009 | Final Action Date: Apr 3, 2009 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14478-2:1998 [S2019], Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 2 - Foundation Component (stabilized maintenance of INCITS/ISO/IEC 14478-2-1998 (R2004))  
Public Review Date: Jan 30, 2009 | Final Action Date: Apr 3, 2009 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14478-3:1998 [S2019], Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 3 - Multimedia Systems Services (stabilized maintenance of INCITS/ISO/IEC 14478-3-1998 (R2004))  
Public Review Date: Jan 30, 2009 | Final Action Date: Apr 3, 2009 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14478-4:1998 [S2019], Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 4 - Modelling, Rendering and Interaction Component (stabilized maintenance of INCITS/ISO/IEC 14478-4-1998 (R2004))  
Public Review Date: Jan 30, 2009 | Final Action Date: Apr 3, 2009 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14492:2001 [R2017], Information technology - Lossy/lossless coding of bi-level images (reaffirm a national adoption INCITS/ISO/IEC 14492:2001 [R2012])  
Public Review Date: Jun 9, 2017 | Final Action Date: Dec 19, 2017 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14492:2001/AM2:2003 [R2014], Information technology - Lossy/lossless coding of bi-level images - Amendment 2: Extension of adaptive templates for halftone coding (reaffirm a national adoption INCITS/ISO/IEC 14492:2001/AM2:2003 [2009])  
Public Review Date: Jun 27, 2014 | Final Action Date: Dec 11, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14492:2019 [2019], Information technology -- Lossy/lossless coding of bi-level images (identical national adoption of ISO/IEC 14492:2019 and revision of INCITS/ISO/IEC 14492:2001 [R2017])  
INCITS/ISO/IEC 14492:2001/AM1:2004 [R2014]  
INCITS/ISO/IEC 14492:2001/AM2:2003 [R2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14495-1:1999 [R2021], Information technology - Lossless and near-lossless compression of continuous-tone still images: Baseline (reaffirm a national adoption INCITS/ISO/IEC 14495-1:1999 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14495-1:2000 [R2016], Information technology - Lossless and near-lossless compression of continuous-tone still images: Baseline (reaffirm a national adoption INCITS/ISO/IEC 14495-1-2000 [R2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Dec 19, 2016 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14495-2:2003 [R2018], Information Technology - Lossless and near-lossless compression of continuous-tone still images - Part 2: Extensions (reaffirm a national adoption INCITS/ISO/IEC 14495-2:2003 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-1:2010 [R2022], Information technology -- Coding of audio-visual objects -- Part 1: Systems (reaffirmation of INCITS/ISO/IEC 14496-1:2010 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 14496-10:2020 [2021], Information technology - Coding of audio-visual objects - Part 10: Advanced video coding (identical national adoption of ISO/IEC 14496-10:2020 and revision of INCITS/ISO/IEC 14496-10:2014 [R2020])  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-11:2005/AM5:2007 [R2014], Information technology - Coding of audio-visual objects - Part 11: Scene description and application engine - Amendment 5: Support for Symbolic Music Notation (reaffirm a national adoption INCITS/ISO/IEC 14496:11/AM5:2007 [2009])  
Public Review Date: Jun 27, 2014 | Final Action Date: Dec 8, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-11:2015 [2019], Information technology -- Coding of audio-visual objects -- Part 11: Scene description and application engine (identical national adoption of ISO/IEC 14496-11:2015 and revision of INCITS/ISO/IEC 14496-11:2005 [R2014])  
INCITS/ISO/IEC 14496-11:2005/AM5:2007 [R2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-12:2022 [2022], Information technology - Coding of audio-visual objects - Part 12: ISO base media file format (identical national adoption of ISO/IEC 14496-12:2022 and revision of INCITS/ISO/IEC 14496-12:2020 [2021])  
PINS Date: Mar 18, 2022 | Public Review Date: Apr 29, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-13:2004 [R2019], Information technology - Coding of audio-visual objects - Part 13: Intellectual Property Management and Protection (IPMP) extensions (reaffirm a national adoption INCITS/ISO/IEC 14496-13:2004 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-14:2020 [2021], Information technology - Coding of audio-visual objects - Part 14: MP4 file format (identical national adoption of ISO/IEC 14496-14:2020 and revision of INCITS/ISO/IEC 14496-14:2003 [R2018])  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-15:2019 [2021], Information technology - Coding of audio-visual objects - Part 15: Carriage of network abstraction layer (NAL) unit structured video in the ISO base media file format (identical national adoption of ISO/IEC 14496-15:2019 and revision of INCITS/ISO/IEC 14496-15:2017 [2019])  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Sep 7, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-15:2019/AM1:2020 [2021], Information technology - Coding of audio-visual objects - Part 15: Carriage of network abstraction layer (NAL) unit structured video in the ISO base media file format - Amendment 1: Improved support for tiling and layering (identical national adoption of ISO/IEC 14496-15:2019/AM1:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-16:2011 [R2019], Information technology - Coding of audio-visual objects - Part 16: Animation Framework eXtension (AFX) (reaffirm a national adoption INCITS/ISO/IEC 14496-16:2011 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-16:2011/AM4:2017 [2021], Information technology - Coding of audio-visual objects - Part 16: Animation Framework eXtension (AFX) - Amendment 4: Pattern-based 3D mesh coding (PB3DMC) (identical national adoption of ISO/IEC 14496-16:2011/AM4:2017)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-17:2006 [R2019], Information technology - Coding of audio-visual objects - Part 17: Streaming text format (reaffirm a national adoption INCITS/ISO/IEC 14496-17:2006 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-18:2004 [R2019], Information technology - Coding of audio-visual objects - Part 18: Font compression and streaming (reaffirm a national adoption INCITS/ISO/IEC 14496-18:2004 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 14496-19:2004 [R2019], Information technology - Coding of audio-visual objects - Part 19: Synthesized texture stream (reaffirm a national adoption INCITS/ISO/IEC 14496-19:2004 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-2:2004 [R2022], Information technology - Coding of audio-visual objects - Part 2: Visual (reaffirmation of INCITS/ISO/IEC 14496-2:2004 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-2:2004/AM1:2004 [R2019], Information Technology - Coding of Audio-Visual Objects - Part 2: Visual - AMENDMENT 1: Error resilient simple scalable profile (reaffirm a national adoption INCITS/ISO/IEC 14496-2:2004/AM1:2004 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-2:2004/AM2:2005 [R2019], Information Technology -- Coding Of Audio-Visual Objects -- Part 2: Visual AMENDMENT 2: New Levels for Simple Profile (reaffirm a national adoption INCITS/ISO/IEC 14496-2:2004/AM2:2005 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-2:2004/AM3:2007 [R2019], Information technology - Coding of audio-visual objects - Part 2: Visual - Amendment 3: Support for colour spaces (reaffirm a national adoption INCITS/ISO/IEC 14496-2:2004/AM3:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-2:2004/AM4:2008 [R2019], Information technology -- Coding of audio-visual objects -- Part 2: Visual - Amendment 4: Simple profile level 6 (reaffirm a national adoption INCITS/ISO/IEC 14496-2:2004/AM4:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-20:2008/AM 1:2009 [R2021], Information technology -- Coding of audio-visual objects -- Part 20: Lightweight Application Scene Representation (LASeR) and Simple Aggregation Format (SAF) - Amendment 1: Extensions to support SVGT1.2 (reaffirm a national adoption INCITS/ISO/IEC 14496-20:2008AM1:2009 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-21:2006 [R2019], Information technology - Coding of audio-visual objects - Part 21: MPEG-J Graphics Framework eXtensions (GFX) (reaffirm a national adoption INCITS/ISO/IEC 14496-21:2006 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-22:2019 [2019], Information technology -- Coding of audio-visual objects -- Part 22: Open Font Format (identical national adoption of ISO/IEC 14496-22:2019 and revision of INCITS/ISO/IEC 14496-22:2009 [2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-22:2019/AM1:2020 [2021], Information technology - Coding of audio-visual objects - Part 22: Open Font Format - Amendment 1: Color font technology and other updates (identical national adoption of ISO/IEC 14496-22:2019/AM1:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-23:2008 [R2019], Information technology - Coding of audio-visual objects - Part 23: Symbolic Music Representation (reaffirm a national adoption INCITS/ISO/IEC 14496-23:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-25:2011 [R2019], Information technology - Coding of audio-visual objects - Part 25: 3D Graphics Compression Model (reaffirm a national adoption INCITS/ISO/IEC 14496-25:2011 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-26:2010 [2021], Information technology - Coding of audio-visual objects - Part 26: Audio conformance (identical national adoption of ISO/IEC 14496-26:2010)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 14496-26:2010/AM5:2018 [2021], Information technology - Coding of audio-visual objects - Part 26: Audio conformance - Amendment 5: Conformance for new levels of ALS simple profile, SBR enhancements (identical national adoption of ISO/IEC 14496-26:2010/AM5:2018)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 14496-3:2019 [2021], Information technology - Coding of audio-visual objects - Part 3: Audio (identical national adoption of ISO/IEC 14496-3:2019 and revision of INCITS/ISO/IEC 14496-3:2009 [R2017])  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 14496-30:2018 [2021], Information technology - Coding of audio-visual objects - Part 30: Timed text and other visual overlays in ISO base media file format (identical national adoption of ISO/IEC 14496-30:2018)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 14496-32:2021 [2021], Information technology - Coding of audio-visual objects - Part 32: File format reference software and conformance (identical national adoption of ISO/IEC 14496-32:2021)  
PINS Date: Apr 30, 2021 | Public Review Date: Jun 11, 2021 | Final Action Date: Sep 7, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 14496-33:2019 [2021], Information technology - Coding of audio-visual objects - Part 33: Internet video coding (identical national adoption of ISO/IEC 14496-33:2019)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 14496-4:2004 [R2021], Information technology -- Coding of audio-visual objects -- Part 4: Conformance testing (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 14496-4:2004/AM 30:2009 [R2021], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 30: Conformance testing for new profiles for professional applications (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM 30:2009 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 14496-4:2004/AM 31:2009 [R2021], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 31: Conformance testing for SVC profiles (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM 31:2009 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 14496-4:2004/AM 35:2009 [R2021], Information technology -- Coding of audio-visual objects -- Part 4: Conformance testing - Amendment 35: Simple studio profile levels 5 and 6 conformance testing (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM 35:2009 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 14496-4:2004/AM1:2005 [R2019], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 1: Conformance testing for MPEG-4 (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM1:2005 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 14496-4:2004/AM17:2007 [R2019], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 17: Advanced text and 2D graphics conformance (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM17:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 14496-4:2004/AM2:2005 [R2019], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 2: MPEG-4 conformance extensions for XMT and media nodes (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM2:2005 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 14496-4:2004/AM23:2008 [R2019], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 23: Synthesized texture conformance (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM23:2008 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-4:2004/AM24:2008 [R2019], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 24: File format conformance (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM24:2008 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-4:2004/AM25:2008 [R2019], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 25: LASer and SAF conformance (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM25:2008 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-4:2004/AM26:2008 [R2019], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 26: Conformance levels and bitstreams for Open Font Format (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM26:2008 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-4:2004/AM27:2008 [R2019], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 27: LASer and SAF extensions conformance (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM27:2008 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-4:2004/AM28:2008 [R2019], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 28: Conformance extensions for simple profile level 6 (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM28:2008 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-4:2004/AM29:2008 [R2019], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 29: Symbolic Music Representation conformance (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM29:2008 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-4:2004/AM3:2005 [R2019], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 3: Visual new levels and tools (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM3:2005 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-4:2004/AM4:2005 [R2019], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 4: IPMPX conformance extensions (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM4:2005 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-4:2004/AM46:2019 [2021], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 46: Conformance testing for internet video coding (identical national adoption of ISO/IEC 14496-4:2004/AM46:2019)

PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-4:2004/AM5:2005 [R2019], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 5: Conformance extensions for error-resilient simple scalable profile (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM5:2005 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 14496-4:2004/AM6:2005 [R2019], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 6: Advanced Video Coding conformance (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM6:2005 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-4:2004/AM7:2005 [R2019], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 7: AFX conformance extensions (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM7:2005 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-4:2004/AM9:2006 [R2019], Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 9: AVC fidelity range extensions conformance (reaffirm a national adoption INCITS/ISO/IEC 14496-4:2004/AM9:2006 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-5:2001 [R2018], Information technology - Coding of audio-visual objects - Part 5: Reference software (Ed 2) (reaffirm a national adoption INCITS/ISO/IEC 14496:5:2001 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-5:2001/AM 1:2002 [R2018], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 1: Reference software for MPEG-4 (reaffirm a national adoption INCITS/ISO/IEC 14496:5:2001 AM 1:2002 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-5:2001/AM 14:2009 [R2021], Information technology -- Coding of audio-visual objects -- Part 5: Reference software - Amendment 14: Open Font Format reference software (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM 14:2009 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-5:2001/AM 19:2009 [R2021], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 19: Reference software for Scalable Video Coding (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM 19:2009 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-5:2001/AM 2:2003 [R2018], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 2: MPEG-4 reference software extensions for XMT and media nodes (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM 2:2003 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-5:2001/AM 20:2009 [R2021], Information technology -- Coding of audio-visual objects -- Part 5: Reference software - Amendment 20: MPEG-1 and -2 on MPEG-4 reference software and BSAC Extensions (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM 20:2009 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-5:2001/AM 21:2009 [R2021], Information technology -- Coding of audio-visual objects -- Part 5: Reference software - Amendment 21: Frame-based Animated Mesh Compression reference software (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM 21:2009 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-5:2001/AM10:2007 [R2019], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 10: SSC, DST, ALS and SLS reference software (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM10:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 14496-5:2001/AM11:2007 [R2019], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 11: MPEG-J GFX Reference software (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM11:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-5:2001/AM12:2007 [R2019], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 12: Updated file format reference software (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM12:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-5:2001/AM13:2008 [R2019], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 13: Geometry and shadow reference software (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM13:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-5:2001/AM16:2008 [R2019], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 16: Symbolic Music Representation reference software (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM16:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-5:2001/AM24:2009 [2021], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 24: Reference software for AAC-ELD (identical national adoption of ISO/IEC 14496-5:2001/AM24:2009)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-5:2001/AM24:2009/COR3:2017 [2021], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 24: Reference software for AAC-ELD - Technical Corrigendum 3 (identical national adoption of ISO/IEC 14496-5:2001/AM24:2009/COR3:2017)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-5:2001/AM4:2004 [R2019], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 4: IPMPX reference software extensions (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM4:2004 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-5:2001/AM40:2019 [2021], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 40: Printing material and 3D graphics coding for browsers reference software (identical national adoption of ISO/IEC 14496-5:2001/AM40:2019)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-5:2001/AM41:2019 [2021], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 41: Reference software for internet video coding (identical national adoption of ISO/IEC 14496-5:2001/AM41:2019)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-5:2001/AM42:2017 [2021], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 42: Reference software for the alternative depth information SEI message extension of AVC (identical national adoption of ISO/IEC 14496-5:2001/AM42:2017)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-5:2001/AM43:2018 [2021], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 43: New levels of ALS simple profile, SBR enhancements (identical national adoption of ISO/IEC 14496-5:2001/AM43:2018)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 14496-5:2001/AM5:2004 [R2019], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 5: Reference software extensions for error resilient simple scalable profile (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM5:2004 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-5:2001/AM6:2005 [R2019], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 6: Advanced Video Coding (AVC) and High Efficiency Advanced Audio Coding (HE AAC) reference software (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM6:2005 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-5:2001/AM7:2005 [R2019], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 7: AFX reference software extensions (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM7:2005 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-5:2001/AM8:2006 [R2019], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 8: AVC fidelity range extensions reference software (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM8:2006 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-5:2001/AM9:2007 [R2019], Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 9: Morphing & Textures reference software (reaffirm a national adoption INCITS/ISO/IEC 14496-5:2001/AM9:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14496-6:2000 [R2021], Information technology -- Coding of audio-visual objects -- Part 6: Delivery Multimedia Integration Framework (DMIF) (reaffirm a national adoption INCITS/ISO/IEC 14496-6:2000 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14517:1996 [S2012], Information technology - 130 mm optical disk cartridges for information interchange - Capacity: 2,6 Gbytes per cartridge (stabilized maintenance of INCITS/ISO/IEC 14517-1996 (R2007))  
Public Review Date: Jun 8, 2012 | Final Action Date: Aug 20, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14651:2011/Amd 1:2013, Information technology - International string ordering and comparison - Method for comparing character strings and description of the common template tailorable ordering - Amendment 1 (identical national adoption of ISO/IEC 14651:2011/Amd 1:2012)  
PINS Date: Dec 21, 2012 | Public Review Date: Jan 25, 2013 | Final Action Date: Mar 19, 2013 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14651:2020 [2022], Information technology - International string ordering and comparison - Method for comparing character strings and description of the common template tailorable ordering (identical national adoption of ISO/IEC 14651:2020 and revision of INCITS/ISO/IEC 14651:2016 [2017])  
PINS Date: Feb 25, 2022 | Public Review Date: Apr 8, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14662:2010 [R2019], Information technology - Open-edi reference model (reaffirm a national adoption INCITS/ISO/IEC 14662:2010 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14750:1999 [R2021], Information Technology - Open Distributed Processing - Interface Definition Language (reaffirm a national adoption INCITS/ISO/IEC 14750:1999 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14752:2000 [R2021], Information Technology - Open Distributed Processing - Protocol Support for Computational Interactions (reaffirm a national adoption INCITS/ISO/IEC 14752:2000 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 14753:1999 [R2016], Information Technology - Open Distributed Processing - Interface References and Binding (reaffirm a national adoption INCITS/ISO/IEC 14753-1999 [R2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 10, 2016 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14753:1999 [R2021], Information Technology - Open Distributed Processing - Interface References and Binding (reaffirm a national adoption INCITS/ISO/IEC 14753:1999 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14760:1997 [S2020], Information technology -- Data interchange on 90 mm overwritable and read only optical disk cartridges using phase change -- Capacity: 1,3 Gbytes per cartridge (stabilized maintenance of INCITS/ISO/IEC 14760:1997 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14769:2001 [R2021], Information Technology - Open Distributed Processing - Type Repository Function (reaffirm a national adoption INCITS/ISO/IEC 14769:2001 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14771:1999 [R2021], Information Technology - Open Distributed Processing - Naming Framework (reaffirm a national adoption INCITS/ISO/IEC 14771:1999 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14772-1:1997 [R2020], Information Technology - Computer Graphics And Image Processing - The Virtual Reality Modeling Language - Part 1: Functional Specification And UTF-8 Encoding (reaffirm a national adoption INCITS/ISO/IEC 14772-1:1997 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14772-1:1997/AM 1:2003 [R2020], Information Technology - Computer Graphics And Image Processing - The Virtual Reality Modeling Language - Part 1: Functional Specification And UTF-8 Encoding - Amendment 1 (reaffirm a national adoption INCITS/ISO/IEC 14772-1:1997/AM 1:2003 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14772-2:2004 [R2019], Information technology - Computer graphics and image processing - The Virtual Reality Modelling Language (VRML) - Part 2: External Authoring Interface (EAI) (reaffirm a national adoption INCITS/ISO/IEC 14772-2:2004 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14776-112:2002 [2018], Information technology - Small Computer System Interface (SCSI) - Part 112: Parallel Interface-2 (SPI-2) (identical national adoption of ISO/IEC 14776-112:2002)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14776-115:2004 [S2016], Information technology -- Small Computer System Interface (SCSI) -- Part 115: Parallel Interface-5 (SPI-5) (stabilized maintenance of INCITS/ISO/IEC 14776-115:2004 [2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 29, 2016 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14776-151:2010 [S2016], Information technology -- Small Computer System Interface (SCSI) -- Part 151: Serial Attached SCSI - 1.1 (SAS-1.1) (stabilized maintenance of INCITS/ISO/IEC 14776-151:2010 [2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 29, 2016 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14776-153:2015 [2018], Information technology - Small Computer System Interface (SCSI) - Part 153: Serial Attached SCSI - 2.1 (SAS-2.1) (identical national adoption of ISO/IEC 14776-153:2015)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14776-222:2005 [2018], Information technology - Small Computer System Interface (SCSI) - Part 222: Fibre Channel Protocol for SCSI, Second Version (FCP-2) (identical national adoption of ISO/IEC 14776-222:2005)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 14776-224:2019 [2022], Information Technology - Small Computer System Interface (SCSI) - Part 224: Fibre Channel Protocol For SCSI, Fourth Version (FCP-4) (identical national adoption of ISO/IEC 14776-224:2019)  
PINS Date: Sep 24, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14776-232:2001 [2022], Information Technology - Small Computer System Interface (SCSI) - Part 232: Serial Bus Protocol-2 (SBP-2) (identical national adoption of ISO/IEC 14776-232:2001)  
PINS Date: Sep 24, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14776-326:2015 [2018], Information technology - Small Computer System Interface (SCSI) - Part 326: Reduced Block Commands (RBC) (identical national adoption of ISO/IEC 14776-326:2015)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14776-331:2002 [2018], Information technology -- Small Computer System Interface (SCSI) -- Part 331: Stream Commands (SSC) (identical national adoption of ISO/IEC 14776-331:2002)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14776-342:2000 [S2016], Information technology -- Small Computer System Interface -- Part 342: Controller Commands - 2 (SCC-2) (stabilized maintenance of INCITS/ISO/IEC 14776-342:2000 [2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 29, 2016 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14776-351:2007 [2018], Information technology - Small Computer System Interface-3 (SCSI-3) - Part 351: Medium Changer Commands (SCSI-3 SMC) (identical national adoption of ISO/IEC 14776-351:2007)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14776-362:2006 [2018], Information technology - Small Computer System Interface (SCSI) - Part 362: SCSI Multimedia Commands - 2 (MMC-2) (identical national adoption of ISO/IEC 14776-362:2006)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14776-372:2011 [R2022], Information technology - Small Computer System Interface (SCSI) - Part 372: SCSI Enclosure Services - 2 (SES-2) (reaffirmation of INCITS/ISO/IEC 14776-372:2011 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 26, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14776-412:2006 [2018], Information technology - Small Computer System Interface (SCSI) - Part 412: Architecture Model -2 (SAM-2) (identical national adoption of ISO/IEC 14776-412:2006)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14776-414:2009 [R2020], Information technology -- Small Computer System Interface (SCSI) -- Part 414: SCSI Architecture Model-4 (SAM-4) (reaffirm a national adoption INCITS/ISO/IEC 14776-414:2009 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14776-415:2019 [2022], Information Technology - Small Computer System Interface (SCSI) - Part 415: SCSI Architecture Model - 5 (SAM-5) (identical national adoption of ISO/IEC 14776-415:2019)  
PINS Date: Sep 24, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14776-452:2005 [S2016], Information technology - Small Computer System Interface (SCSI) - Part 452: SCSI Primary Commands - 2 (SPC-2) (stabilized maintenance of INCITS/ISO/IEC 14776-452-2005 [R2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 29, 2016 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14776-453:2009 [S2021], Information technology -- Small computer system interface (SCSI) -- Part 453: Primary commands-3 (SPC-3) (stabilized maintenance of INCITS/ISO/IEC 14776-453:2009 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14776-481:2019 [2022], Information Technology - Small Computer System Interface (SCSI) - Part 481: Security Features For SCSI Commands (SFSC) (identical national adoption of ISO/IEC 14776-481:2019)  
PINS Date: Sep 24, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 14882:2020 [2021], Programming Languages - C++ (identical national adoption of ISO/IEC 14882:2020 and revision of INCITS/ISO/IEC 14882:2017 [2018])  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14888-1:2008 [R2020], Information technology — Security techniques — Digital signatures with appendix — Part 1: General (reaffirm a national adoption INCITS/ISO/IEC 14888-1:2008 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14888-2:2008 [R2019], Information technology - Security techniques - Digital signatures with appendix - Part 2: Integer factorization based mechanisms (reaffirm a national adoption INCITS/ISO/IEC 14888-2:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14888-2:2008/COR 1:2015 [2018], Information technology Security techniques Digital signatures with appendix Part 2: Integer factorization based mechanisms Technical Corrigendum 1 (identical national adoption of ISO/IEC 14888-2:2008/COR 1:2015)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14888-3:2006/AM2:2012 [2014], Information technology - Security techniques - Digital signatures with appendix - Part 3: Discrete logarithm based mechanisms - Amendment 2:Optimizing hash inputs (identical national adoption of ISO/IEC 14888-3:2006/Amd 2:2012)  
PINS Date: Dec 13, 2013 | Public Review Date: Feb 21, 2014 | Final Action Date: Jun 25, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14888-3:2006/COR 2:2009 [R2014], Information technology - Security Techniques - Digital signatures with appendix - Part 3: Discrete logarithm based mechanisms - Coprrigendum 2 (reaffirm a national adoption INCITS/ISO/IEC 14888-3:2006/COR 2:2009 [2009])  
Public Review Date: Jun 27, 2014 | Final Action Date: Dec 5, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14888-3:2006/COR1:2007 [R2014], Information technology - Security techniques - Digital signatures with appendix - Part 3: Discrete logarithm based mechanisms - Corrigendum 1 (reaffirm a national adoption INCITS/ISO/IEC 14888-3:2006/COR1:2007 [2009])  
Public Review Date: Jun 27, 2014 | Final Action Date: Dec 3, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14888-3:2016 [2018], Information technology - Security techniques - Digital signatures with appendix - Part 3: Discrete logarithm based mechanisms (identical national adoption of ISO/IEC 14888-3:2016 and revision of INCITS/ISO/IEC 14888-3:2006 [R2013])  
INCITS/ISO/IEC 14888-3:2006/Amd 2:2012 [2014]  
INCITS/ISO/IEC 14888-3:2006/COR1:2007 [R2014]  
INCITS/ISO/IEC 14888-3:2006/COR 2:2009 [R2014])  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14957:2010 [R2019], Information technology - Representation of data element values - Notation of the format (reaffirm a national adoption INCITS/ISO/IEC 14957:2010 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14977:1996 [R2020], Information Technology - Syntactic Metalanguage - Extended BNF (reaffirm a national adoption INCITS/ISO/IEC 14977:1996 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 14977:2006 [R2015], Information technology - Syntactic metalanguage - Extended BNF (reaffirm a national adoption INCITS/ISO/IEC 14977:2006 [2010])  
Public Review Date: Aug 28, 2015 | Final Action Date: Dec 17, 2015 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15041:1997 [S2012], Information Technology - Data Interchange on 90 mm Optical Disk Cartridges - Capacity: 640 Mbytes per Cartridge (stabilized maintenance of INCITS/ISO/IEC 15041-1997 (R2007))  
Public Review Date: Jun 8, 2012 | Final Action Date: Aug 20, 2012 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 15145:1997 [R2020], Information technology -- Programming languages -- FORTH (reaffirm a national adoption INCITS/ISO/IEC 15145:1997 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15286:1999 [S2021], Information technology - 130 mm Rewritable and Read-only Optical Disk Cartridge, Capacity: 5.2 Gigabytes per Cartridge for Information Interchange (stabilized maintenance of INCITS/ISO/IEC 15286-1999 (R2006))  
Public Review Date: Sep 2, 2011 | Final Action Date: Dec 14, 2011 | [Approved](#)

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- ▶ INCITS/ISO/IEC 1539-1:2018 [2019], Information technology - Programming languages - Fortran - Part 1: Base language (identical national adoption of ISO/IEC 1539-1:2018 and revision of INCITS/ISO/IEC 1539-1:2010 [R2018])  
PINS Date: Mar 15, 2019 | Public Review Date: Apr 26, 2019 | Final Action Date: Jul 9, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15404:2000 [R2018], Information technology -- Office machines -- Minimum information to be included in specification sheets -- Facsimile equipment (reaffirm a national adoption INCITS/ISO/IEC 15404:2000 [R201x])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15408-1:2009 [R2022], Information technology - Security techniques - Evaluation criteria for IT security - Part 1: Introduction and general model (reaffirmation of INCITS/ISO/IEC 15408-1:2009 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15408-2:2008 [R2018], Information technology - Security techniques - Evaluation criteria for IT security - Part 2: Security functional components (reaffirm a national adoption INCITS/ISO/IEC 15408-2:2008 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15408-3:2008 [R2018], Information technology - Security techniques - Evaluation criteria for IT security - Part 3: Security assurance components (reaffirm a national adoption INCITS/ISO/IEC 15408-3:2008 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15414:2015 [2019], Information technology -- Open distributed processing -- Reference model -- Enterprise language (identical national adoption of ISO/IEC 15414:2015 and revision of INCITS/ISO/IEC 15414:2006 [R2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15444-1:2004 [R2015], Information technology - JPEG 2000 image coding system: Core coding system (reaffirm a national adoption INCITS/ISO/IEC 15444-1:2004 [R2010])  
Public Review Date: Aug 28, 2015 | Final Action Date: Dec 23, 2015 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15444-1:2004/AM1:2006 [R2014], Information technology - JPEG 2000 image coding system - Core coding system - Amendment 1: Profile for digital cinema applications (reaffirm a national adoption INCITS/ISO/IEC 15444-1:2004/AM1:2006 [2009])  
Public Review Date: Jun 27, 2014 | Final Action Date: Dec 11, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15444-1:2019 [2020], Information technology - JPEG 2000 image coding system - Part 1: Core coding system (identical national adoption of ISO/IEC 15444-1:2019 and revision of INCITS/ISO/IEC 15444-1:2016 [2019])  
PINS Date: Feb 28, 2020 | Public Review Date: Apr 10, 2020 | Final Action Date: Jun 22, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15444-11:2007 [R2019], Information technology - JPEG 2000 image coding system: Wireless (reaffirm a national adoption INCITS/ISO/IEC 15444-11:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15444-13:2008 [R2019], Information technology - JPEG 2000 image coding system: An entry level JPEG 2000 encoder (reaffirm a national adoption INCITS/ISO/IEC 15444-13:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 15444-15:2019 [2021], Information technology - JPEG 2000 image coding system - Part 15: High-Throughput JPEG 2000 (identical national adoption of ISO/IEC 15444-15:2019)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15444-16:2021 [2022], Information technology - JPEG 2000 image coding system - Part 16: Encapsulation of JPEG 2000 images into ISO/IEC 23008-12 (identical national adoption of ISO/IEC 15444-16:2021 and revision of INCITS/ISO/IEC 15444-16:2019 [2021])  
PINS Date: Mar 18, 2022 | Public Review Date: Apr 29, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15444-2:2004 [R2018], Information technology - JPEG 2000 image coding system: Extensions (reaffirm a national adoption INCITS/ISO/IEC 15444-2:2004 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15444-2:2004/AM2:2006 [R2018], Information technology - JPEG 2000 image coding system: Part 2: Extensions - AMENDMENT 2: Extended capabilities marker segment (reaffirm a national adoption INCITS/ISO/IEC 15444-2:2004/AM2:2006 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15444-3:2007 [R2018], Information technology - JPEG 2000 image coding system - Part 3: Motion JPEG 2000 (reaffirm a national adoption INCITS/ISO/IEC 15444-3:2007 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15444-4:2021 [2022], Information technology - JPEG 2000 image coding system - Part 4: Conformance Testing (identical national adoption of ISO/IEC 15444-4:2021 and revision of INCITS/ISO/IEC 15444-4:2004 [R2018])  
PINS Date: Mar 18, 2022 | Public Review Date: Apr 29, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15444-5:2003 [R2014], Information technology - JPEG 2000 Image Coding System - Reference software (reaffirm a national adoption INCITS/ISO/IEC 15444-5:2003 [2009])  
Public Review Date: Jun 27, 2014 | Final Action Date: Dec 11, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15444-5:2021 [2022], Information technology - JPEG 2000 image coding system - Part 5: Reference software (identical national adoption of ISO/IEC 15444-5:2021 and revision of INCITS/ISO/IEC 15444-5:2015 [2019])  
PINS Date: Mar 18, 2022 | Public Review Date: Apr 29, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15444-6:2013 [R2019], Information technology - JPEG 2000 image coding system - Part 6: Compound image file format (reaffirm a national adoption INCITS/ISO/IEC 15444-6:2013 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15444-8:2007 [R2019], Information technology - JPEG 2000 image coding system: Secure JPEG 2000 (reaffirm a national adoption INCITS/ISO/IEC 15444-8:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15444-8:2007/AM 1:2008 [R2021], Information technology -- JPEG 2000 image coding system: Secure JPEG 2000 - Amendment 1: File format security (reaffirm a national adoption INCITS/ISO/IEC 15444-8:2007/AM 1:2008 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15444-9:2005 [R2019], Information technology - JPEG 2000 image coding system: Interactivity tools, APIs and protocols (reaffirm a national adoption INCITS/ISO/IEC 15444-9:2005 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15444-9:2005/AM2:2008 [R2014], Information technology - JPEG 2000 image coding system - Interactivity tools, APIs and protocols - Amendment 2: JPIP extensions (reaffirm a national adoption INCITS/ISO/IEC 15444-9:2005/AM2:2008 [2009])  
Public Review Date: Jun 27, 2014 | Final Action Date: Dec 17, 2014 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 15445:2000 [S2020], Information technology -- Document description and processing languages -- HyperText Markup Language (HTML) (stabilized maintenance of INCITS/ISO/IEC 15445:2000 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15457-1:2008 [R2021], Identification cards -- Thin flexible cards -- Part 1: Physical characteristics (reaffirm a national adoption INCITS/ISO/IEC 15457-1:2008 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15457-2:2007 [R2018], Identification cards - Thin flexible cards - Part 2: Magnetic recording technique (reaffirm a national adoption INCITS/ISO/IEC 15457-2:2007 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15457-3:2008 [R2021], Identification cards -- Thin flexible cards -- Part 3: Test methods (reaffirm a national adoption INCITS/ISO/IEC 15457-3:2008 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15485:1997 [S2020], Information technology - Data interchange on 120 mm optical disk cartridges using phase change PD format - Capacity: 650 Mbytes per cartridge (stabilized maintenance of INCITS/ISO/IEC 15485:1997 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15486:1998 [S2020], Information Technology - Data Interchange on 130 mm Optical Disk Cartridges of Type WORM (Write Once Read Many) using Irreversible Effects - Capacity: 2,6 Gbytes per Cartridge (stabilized maintenance of INCITS/ISO/IEC 15486-1998 (R2005))  
Public Review Date: Oct 16, 2009 | Final Action Date: Jan 4, 2010 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15498:1997 [S2020], Information technology - Data interchange on 90 mm optical disk cartridges -- HS-1 format -- Capacity: 650 Mbytes per cartridge (stabilized maintenance of INCITS/ISO/IEC 15498:1997 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15521:1998 [S2015], Information technology - 3,81 mm wide magnetic tape cartridge for information interchange - Helical scan recording - DDS-3 format using 125 m length tapes (stabilized maintenance of INCITS/ISO/IEC 15521:1998 [R2010])  
Public Review Date: Aug 28, 2015 | Final Action Date: Dec 22, 2015 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15693-1:2018 [2020], Cards And Security Devices For Personal Identification - Contactless Vicinity Objects - Part 1: Physical Characteristics (identical national adoption of ISO/IEC 15693-1:2018 and revision of INCITS/ISO/IEC 15693-1:2010 [R2016])  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15693-2:2019 [2020], Cards And Security Devices For Personal Identification - Contactless Vicinity Objects - Part 2: Air Interface And Initialization (identical national adoption of ISO/IEC 15693-2:2019 and revision of INCITS/ISO/IEC 15693-2:2006 [R2016])  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15693-3:2019 [2020], Cards And Security Devices For Personal Identification - Contactless Vicinity Objects - Part 3: Anticollision And Transmission Protocol (identical national adoption of ISO/IEC 15693-3:2019 and revision of INCITS/ISO/IEC 15693-3:2009 [R2016])  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15718:1998 [S2020], Information technology -- Data interchamge on 8 mm wide magnetic tape cartridge -- Helical scan recording -- HH-1 format (stabilized maintenance of INCITS/ISO/IEC 15718:1998 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15731:1998 [S2015], Information technology - 12,65 mm wide magnetic tape cassette for information interchange - Helical scan recording - DTF-1 format (stabilized maintenance of INCITS/ISO/IEC 15731:1998 [R2010])  
Public Review Date: Aug 28, 2015 | Final Action Date: Dec 22, 2015 | [Approved](#)

**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 15757:1998 [S2015], Information technology - Data interchange on 8 mm wide magnetic tape cartridge - Helical scan recording - DA-2 format (stabilized maintenance of INCITS/ISO/IEC 15757:1998 [R2010])  
Public Review Date: Aug 28, 2015 | Final Action Date: Dec 22, 2015 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15780:1998 [S2015], Information Technology - 8 mm Wide Magnetic Tape Cartridge - Helical Scan Recording - AIT-1 Format (stabilized maintenance of INCITS/ISO/IEC 15780:1998 [R2010])  
Public Review Date: Aug 28, 2015 | Final Action Date: Dec 22, 2015 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15816:2002 [S2022], Information Technology - Security Techniques - Security Information Objects for Access Control (stabilized maintenance of INCITS/ISO/IEC 15816-2002 (R2007))  
Public Review Date: Jun 1, 2012 | Final Action Date: Aug 1, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15895:1999 [S2020], Information technology -- Data interchange on 12,7 mm 128-track magnetic tape cartridges -- DLT 3-XT format (stabilized maintenance of INCITS/ISO/IEC 15895:1999 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15896:1999 [S2020], Information technology -- Data interchange on 12,7 mm 208-track magnetic tape cartridges -- DLT 5 format (stabilized maintenance of INCITS/ISO/IEC 15896:1999 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15898:1998 [S2012], Information Technology - 356 Optical Disk Cartridges, Extended Capacity, Using Phase Change Technology for Information Interchange (stabilized maintenance of INCITS/ISO/IEC 15898-1998 (R2007))  
Public Review Date: Jun 8, 2012 | Final Action Date: Aug 20, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-1:2002 [R2022], Information technology - Multimedia content description interface - Part 1: Systems (reaffirmation of INCITS/ISO/IEC 15938-1:2002 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-1:2002/AM1:2005 [R2019], Information technology - Multimedia content description interface - Part 1: Systems - Amendment 1: Systems extensions (reaffirm a national adoption INCITS/ISO/IEC 15938-1:2002/AM1:2005 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-1:2002/AM2:2006 [R2019], Information technology - Multimedia content description interface - Part 1: Systems - Amendment 2: Fast access extension (reaffirm a national adoption INCITS/ISO/IEC 15938-1:2002/AM2:2006 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-10:2005 [R2019], Information technology - Multimedia content description Interface - Part 10: Schema definition (reaffirm a national adoption INCITS/ISO/IEC 15938-10:2005 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-14:2018 [2021], Information technology - Multimedia content description interface - Part 14: Reference software, conformance and usage guidelines for compact descriptors for visual search (identical national adoption of ISO/IEC 15938-14:2018)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-15:2019 [2021], Information technology - Multimedia content description interface - Part 15: Compact descriptors for video analysis (identical national adoption of ISO/IEC 15938-15:2019)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Sep 7, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-16:2021 [2022], Information technology - Multimedia content description interface - Part 16: Conformance and reference software for compact descriptors for video analysis (identical national adoption of ISO/IEC 15938-16:2021)  
PINS Date: Mar 18, 2022 | Public Review Date: Apr 29, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 15938-2:2002 [R2022], Information Technology - Multimedia Content Description Interface - Part 2: Description Definition Language (reaffirmation of INCITS/ISO/IEC 15938-2:2002 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-3:2002 [R2022], Information technology - Multimedia content description interface - Part 3: Visual (reaffirmation of INCITS/ISO/IEC 15938-3:2002 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-3:2002/AM 3:2009 [R2021], Information technology -- Multimedia content description interface -- Part 3: Visual - Amendment 3: Image Signature Tools (reaffirm a national adoption INCITS/ISO/IEC 15938-3:2002/AM 3:2009 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-3:2002/AM1:2004 [R2019], Information technology - Multimedia content description interface - Part 3: Visual - Amendment 1: Visual extensions (reaffirm a national adoption INCITS/ISO/IEC 15938-3:2002/AM1:2004 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-3:2002/AM2:2006 [R2019], Information technology - Multimedia content description interface - Part 3: Visual - Amendment 2: Perceptual 3D Shape Descriptor (reaffirm a national adoption INCITS/ISO/IEC 15938-3:2002/AM2:2006 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-4:2002 [R2022], Information technology - Multimedia content description interface - Part 4: Audio (reaffirmation of INCITS/ISO/IEC 15938-4:2002 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-4:2002/AM1:2004 [R2019], Information technology - Multimedia content description interface - Part 4: Audio - Amendment 1: Audio extensions (reaffirm a national adoption INCITS/ISO/IEC 15938-4:2002/AM1:2004 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-4:2002/AM2:2006 [R2019], Information technology - Multimedia content description interface - Part 4: Audio - Amendment 2: High-level descriptors (reaffirm a national adoption INCITS/ISO/IEC 15938-4:2002/AM2:2006 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-5:2003 [R2018], Information technology - Multimedia content description interface - Part 5: Multimedia description schemes (reaffirm a national adoption INCITS/ISO/IEC 15938-5:2003 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-5:2003/AM1:2004 [R2019], Information technology - Multimedia content description interface - Part 5: Multimedia description schemes - Amendment 1: Multimedia description schemes extensions (reaffirm a national adoption INCITS/ISO/IEC 15938-5:2003/AM1:2004 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-5:2003/AM2:2005 [R2019], Information technology - Multimedia content description interface - Part 5: Multimedia description schemes - Amendment 2: Multimedia description schemes user preference extensions (reaffirm a national adoption INCITS/ISO/IEC 15938-5:2003/AM2:2005 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-5:2003/AM3:2008 [R2019], Information technology - Multimedia content description interface - Part 5: Multimedia description schemes - Amendment 3: Improvements to geographic descriptor (reaffirm a national adoption INCITS/ISO/IEC 15938-5:2003/AM3:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 15938-6:2003/AM1:2006 [R2019], Information technology - Multimedia content description interface - Part 6: Reference software - Amendment 1: Reference software extensions (reaffirm a national adoption INCITS/ISO/IEC 15938-6:2003/AM1:2006 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-6:2003/AM2:2007 [R2019], Information technology - Multimedia content description interface - Part 6: Reference software - Amendment 2: Reference software of perceptual 3D shape descriptor (reaffirm a national adoption INCITS/ISO/IEC 15938-6:2003/AM2:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-6:2020 [2021], Information technology - Multimedia content description interface - Part 6: Reference software (identical national adoption of ISO/IEC 15938-6:2020 and revision of INCITS/ISO/IEC 15938-6:2003 [R2018])  
INCITS/ISO/IEC 15938-6:2003/AM1:2006 [R2019]  
INCITS/ISO/IEC 15938-6:2003/AM2:2007 [R2019])  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-7:2003 [R2018], Information technology - Multimedia content description interface - Part 7: Conformance testing (reaffirm a national adoption INCITS/ISO/IEC 15938-7:2003 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-7:2003/AM1:2005 [R2019], Information technology - Multimedia content description interface - Part 7: Conformance testing - Amendment 1: Conformance extensions (reaffirm a national adoption INCITS/ISO/IEC 15938-7:2003/AM1:2005 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-7:2003/AM2:2007 [R2019], Information technology - Multimedia content description interface - Part 7: Conformance testing - Amendment 2: Fast access extensions conformance (reaffirm a national adoption INCITS/ISO/IEC 15938-7:2003/AM2:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-7:2003/AM3:2007 [R2019], Information technology - Multimedia content description interface - Part 7: Conformance testing - Amendment 3: Conformance testing of perceptual 3D shape descriptor (reaffirm a national adoption INCITS/ISO/IEC 15938-7:2003/AM3:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-7:2003/AM4:2008 [R2019], Information technology - Multimedia content description interface - Part 7: Conformance testing - Amendment 4: Improvements to geographic descriptor conformance (reaffirm a national adoption INCITS/ISO/IEC 15938-7:2003/AM4:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15938-9:2005 [R2019], Information technology - Multimedia content description interface - Part 9: Profiles and levels (reaffirm a national adoption INCITS/ISO/IEC 15938-9:2005 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15944-10:2013 [R2019], Information technology - Business Operational View - Part 10: IT-enabled coded domains as semantic components in business transactions (reaffirm a national adoption INCITS/ISO/IEC 15944-10:2013 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15944-7:2009 [R2020], Information technology -- Business Operational View -- Part 7: eBusiness vocabulary (reaffirm a national adoption INCITS/ISO/IEC 15944-7:2009 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 15944-8:2012 [R2022], Information technology - Business Operational View - Part 8: Identification of privacy protection requirements as external constraints on business transactions (reaffirmation of INCITS/ISO/IEC 15944-8:2012 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15945:2002 [S2012], Information Technology - Security Techniques - Specification of TTP Services to Support the Application of Digital Signatures (stabilized maintenance of INCITS/ISO/IEC 15945-2002 (R2007))  
Public Review Date: Jun 1, 2012 | Final Action Date: Aug 1, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15946-1:2016 [2019], Information technology -- Security techniques -- Cryptographic techniques based on elliptic curves -- Part 1: General (identical national adoption of ISO/IEC 15946-1:2016 and revision of INCITS/ISO/IEC 15946-1:2008 [R2014])  
INCITS/ISO/IEC 15946-1:2008/COR 1:2009 [R2014]  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15946-5:2009 [R2022], Information technology - Security techniques - Cryptographic techniques based on elliptic curves - Part 5: Elliptic curve generation (reaffirmation of INCITS/ISO/IEC 15946-5:2009 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 15948:2004 [R2019], Information technology - Computer graphics and image processing - Portable Network Graphics (PNG): Functional specification (reaffirm a national adoption INCITS/ISO/IEC 15948:2004 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 16382:2000 [S2020], Information technology -- Data interchange on 12,7 mm 208-track magnetic tape cartridges -- DLT 6 format (stabilized maintenance of INCITS/ISO/IEC 16382:2000 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 16448:2002 [S2012], Information Technology - 120 mm DVD - Read-only Disk (stabilized maintenance of INCITS/ISO/IEC 16448-2002 (R2007))  
Public Review Date: Jun 8, 2012 | Final Action Date: Aug 20, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 16449:2002 [S2012], Information Technology - 80 mm DVD - Read-only Disk (stabilized maintenance of INCITS/ISO/IEC 16449-2002 (R2007))  
Public Review Date: Jun 8, 2012 | Final Action Date: Aug 20, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 16485:2000 [R2021], Information technology -- Mixed Raster Content (MRC) (reaffirm a national adoption INCITS/ISO/IEC 16485:2000 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 16509:1999 [R2020], Information technology -- Year 2000 terminology (reaffirm a national adoption INCITS/ISO/IEC 16509:1999 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 16680:2012 [R2022], Information technology - The Open Group Service Integration Maturity Model (OSIMM) (reaffirmation of INCITS/ISO/IEC 16680:2012 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 16824:1999 [S2020], Information technology -- 120 mm DVD rewritable disk (DVD-RAM) (stabilized maintenance of INCITS/ISO/IEC 16824:1999 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 16825:1999 [S2020], Information technology - Case for 120 mm DVD-RAM disks (stabilized maintenance of INCITS/ISO/IEC 16825:1999 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 16963:2017 [2019], Information technology -- Digitally recorded media for information interchange and storage -- Test method for the estimation of lifetime of optical disks for long-term data storage (identical national adoption of ISO/IEC 16963:2017 and revision of INCITS/ISO/IEC 16963:2011 [2014])

PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 16969:1999 [S2020], Information technology -- Data interchange on 120 mm optical disk cartridges using +RW format -- Capacity: 3,0 Gbytes and 6,0 Gbytes (stabilized maintenance of INCITS/ISO/IEC 16969:1999 [R2015])

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 17203:2017 [2018], Information technology - Open Virtualization Format (OVF) specification (identical national adoption of ISO/IEC 17203:2017 and revision of INCITS/ISO/IEC 17203:2011 [R2017])

PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 17341:2009 [R2019], Information technology - Data Interchange on 120 mm and 80 mm Optical Disk using +RW Format - Capacity: 4,7 Gbytes and 1,46 Gbytes per Side (Recording speed up to 4X) (reaffirm a national adoption INCITS/ISO/IEC 17341:2009 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 17342:2004 [S2020], Information Technology - 80 Mm (1,46 Gbytes Per Side) And 120 Mm (4,70 Gbytes Per Side) DVD Re-Recordable Disk (DVD-RW) (stabilized maintenance of INCITS/ISO/IEC 17342:2004 [R2015])

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 17344:2009 [R2019], Information technology - Data Interchange on 120 mm and 80 mm Optical Disk using +R Format - Capacity: 4,7 and 1,46 Gbytes per Side (Recording speed up to 16X) (reaffirm a national adoption INCITS/ISO/IEC 17344:2009 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 17345:2006 [S2017], Information technology - Data Interchange on 130 mm Rewritable and Write Once Read Many Ultra Density Optical (UDO) Disk Cartridges - Capacity: 30 Gbytes per Cartridge - First Generation (stabilized maintenance of INCITS/ISO/IEC 17345:2006 [R2012])

Public Review Date: Jun 9, 2017 | Final Action Date: Dec 6, 2017 | [Approved](#)

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- ▶ INCITS/ISO/IEC 17346:2005 [S2020], Information Technology - Data Interchange On 90 Mm Optical Disk Cartridges - Capacity: 1,3 Gbytes Per Cartridge (stabilized maintenance of INCITS/ISO/IEC 17346:2005 [R2015])

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 17462:2000 [S2021], Information technology - 3,81 mm Wide Magnetic Tape Cartridge for Information Interchange - Helical scan recording - DDS-4 Format (stabilized maintenance of INCITS/ISO/IEC 17462-2000 (R2006))

Public Review Date: Aug 26, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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- ▶ INCITS/ISO/IEC 17592:2004 [S2020], Information technology - 120 mm (4,7 Gbytes per side) and 80 mm (1,46 Gbytes per side) DVD rewritable disk (DVD-RAM) (stabilized maintenance of INCITS/ISO/IEC 17592:2004 [R2015])

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 17594:2004 [S2020], Information technology — Cases for 120 mm and 80 mm DVD-RAM disks (stabilized maintenance of INCITS/ISO/IEC 17594:2004 [R2015])

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 17629:2014 [R2019], Information technology - Method for measuring first print out time for digital printing devices (reaffirm a national adoption INCITS/ISO/IEC 17629:2014 [2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 17788:2014 [R2022], Information technology - Cloud computing - Overview and vocabulary (reaffirmation of INCITS/ISO/IEC 17788:2014 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 17789:2014 [R2022], Information technology - Cloud computing - Reference architecture (reaffirmation of INCITS/ISO/IEC 17789:2014 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 17823:2015 [R2022], Colour terminology for office colour equipment (reaffirmation of INCITS/ISO/IEC 17823:2015 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 17825:2016 [2018], Information technology - Security techniques - Testing methods for the mitigation of non-invasive attack classes against cryptographic modules (identical national adoption of ISO/IEC 17825:2016)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 17826:2016 [2018], Information technology - Cloud Data Management Interface (CDMI) (identical national adoption of INCITS/ISO/IEC 17826:2012[2014] and revision of INCITS/ISO/IEC 17826:2014)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 17839-1:2014 [2021], Information technology - Biometric System-on-Card - Part 1: Core requirements (identical national adoption of ISO/IEC 17839-1:2014)  
PINS Date: Jun 25, 2021 | Public Review Date: Aug 6, 2021 | Final Action Date: Oct 18, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 17839-2:2015 [2021], Information technology - Biometric System-on-Card - Part 2: Physical characteristics (identical national adoption of ISO/IEC 17839-2:2015)  
PINS Date: Jun 25, 2021 | Public Review Date: Aug 6, 2021 | Final Action Date: Oct 18, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 17839-2:2015/AM1:2021 [2021], Information technology - Biometric System-on-Card - Part 2: Physical characteristics - Amendment 1: Additional specifications for fingerprint biometric capture devices (identical national adoption of ISO/IEC 17839-2:2015/AM1:2021)  
PINS Date: Jun 25, 2021 | Public Review Date: Aug 6, 2021 | Final Action Date: Oct 18, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 17839-3:2016 [2021], Information technology - Identification cards - Biometric System-on-Card - Part 3: Logical information interchange mechanism (identical national adoption of ISO/IEC 17839-3:2016)  
PINS Date: Jun 25, 2021 | Public Review Date: Aug 6, 2021 | Final Action Date: Oct 18, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 17913:2000 [S2020], Information Technology - 12,7mm 128-Track Magnetic Tape Cartridge For Information Interchange - Parallel Serpentine Format (stabilized maintenance of INCITS/ISO/IEC 17913:2000 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 17963:2013 [R2019], Web Services for Management (WS-Management) Specification (reaffirm a national adoption INCITS/ISO/IEC 17963:2013 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 17991:2021 [2022], Information technology - Office equipment - Method for measuring scanning productivity of digital scanning devices (identical national adoption of ISO/IEC 17991:2021 and revision of INCITS/ISO/IEC 17991:2015 [2017])  
PINS Date: Feb 18, 2022 | Public Review Date: Apr 8, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 17998:2012 [R2019], Information technology - SOA Governance Framework (reaffirm a national adoption INCITS/ISO/IEC 17998:2012 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 18013-1:2018 [2019], Information technology -- Personal identification -- ISO-compliant driving license -- Part 1: Physical characteristics and basic data set (identical national adoption of ISO/IEC 18013-1:2018 and revision of INCITS/ISO/IEC 18013-1:2005 [R2014])

PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18013-2:2020 [2021], Personal identification — ISO-compliant driving licence — Part 2: Machine-readable technologies (identical national adoption of ISO/IEC 18013-2:2020 and revision of INCITS/ISO/IEC 18013-2:2008 [R2016])

PINS Date: Feb 12, 2021 | Public Review Date: Mar 26, 2021 | Final Action Date: Aug 9, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18013-3:2017 [2020], Information Technology - Personal Identification - ISO-Compliant Driving Licence - Part 3: Access Control, Authentication And Integrity Validation (identical national adoption of ISO/IEC 18013-3:2017 and revision of INCITS/ISO/IEC 18013-3:2009 [R2016])

PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18013-3:2017/AM1:2022 [2022], Information technology - Personal identification - ISO-compliant driving licence - Part 3: Access control, authentication and integrity validation - Amendment 1: PACE protocol (identical national adoption of ISO/IEC 18013-3:2017/AM1:2022)

PINS Date: Jun 24, 2022 | Public Review Date: Aug 5, 2022 | Final Action Date: Nov 11, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18013-4:2019 [2020], Personal Identification - ISO-Compliant Driving Licence - Part 4: Test Methods (identical national adoption of ISO/IEC 18013-4:2019)

PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18013-5:2021 [2022], Personal identification - ISO-compliant driving licence - Part 5: Mobile driving licence (mDL) application (identical national adoption of ISO/IEC 18013-5:2021)

PINS Date: Nov 12, 2021 | Public Review Date: Dec 24, 2021 | Final Action Date: Feb 28, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18014-1:2008 [R2020], Information technology — Security techniques — Time-stamping services — Part 1: Framework (reaffirm a national adoption INCITS/ISO/IEC 18014-1:2008 [R2015])

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18014-1:2009 [R2015], Information technology - Security techniques - Time-stamping services - Part 1: Framework (reaffirm a national adoption INCITS/ISO/IEC 18014-1:2009 [R2014])

Public Review Date: Aug 28, 2015 | Final Action Date: Dec 23, 2015 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18014-2:2009 [R2020], Information technology - Security techniques - Time-stamping services - Part 2: Mechanisms producing independent tokens (reaffirm a national adoption INCITS/ISO/IEC 18014-2:2009 [R2015])

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18014-3:2009 [R2020], Information Technology - Security Techniques - Time-Stamping Services - Part 3: Mechanisms Producing Linked Tokens (reaffirm a national adoption INCITS/ISO/IEC 18014-3:2009 [R2015])

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18014-4:2015 [2018], Information technology - Security techniques - Time-stamping services - Part 4: Traceability of time sources (identical national adoption of ISO/IEC 18014-4:2015)

PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18023-1:2006 [R2019], Information technology - Synthetic Environment Data Representation Interchange Specification (SEDRIS) - Part 1: Functional specification (reaffirm a national adoption INCITS/ISO/IEC 18023-1:2006 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18023-1:2006/AM1:2012 [S2022], Information technology — SEDRIS — Part 1: Functional specification — Amendment 1 (stabilized maintenance of INCITS/ISO/IEC 18023-1:2006/AM1:2012 [R2017])

Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 18023-2:2006 [R2019], Information technology - Synthetic Environment Data Representation and Interchange Specification (SEDRIS): Part 2: Abstract transmittal format (reaffirm a national adoption INCITS/ISO/IEC 18023-2:2006 (R2014))

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18023-3:2006 [R2019], Information technology - Synthetic Environment Data Representation and Interchange Specification (SEDRIS): Part 3: Transmittal format binary encoding (reaffirm a national adoption INCITS/ISO/IEC 18023-3:2006 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18023-3:2006/AM 1:2012 [S2022], Information Technology - Synthetic Environment Data Representation And Interchange Specification (SEDRIS): Part 3: Transmittal Format Binary Encoding - Amendment 1 (stabilized maintenance of INCITS/ISO/IEC 18023-3:2006/AM 1:2012 [R2017])

Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18024-4:2006 [R2019], Information technology - Synthetic Environment Data Representation and Interchange Specification (SEDRIS) Language Bindings - Part 4: C (reaffirm a national adoption INCITS/ISO/IEC 18024-4:2006 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18024-4:2006/AM1:2012 [R2022], Information technology - Synthetic Environment Data Representation and Interchange Specification (SEDRIS) Language Bindings - Part 4: C - Amendment 1 (reaffirmation of INCITS/ISO/IEC 18024-4:2006/AM1:2012 [R2017])

Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18025:2014 [R2019], Information technology -- Environmental Data Coding Specification (EDCS) (reaffirm a national adoption INCITS/ISO/IEC 18025:2014 [2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18026:2009 [R2020], Information Technology - Spatial Reference Model (SRM) (reaffirm a national adoption INCITS/ISO/IEC 18026:2009 [R2015])

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18028-3:2008 [R2013], Information technology - Security techniques - IT network security - Part 3: Securing communications between networks using security gateways (reaffirm a national adoption INCITS/ISO/IEC 18028:3:2008)

Public Review Date: Mar 1, 2013 | Final Action Date: Jul 10, 2013 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18028-5:2008 [R2013], Information technology - Security techniques - IT network security - Part 5: Securing communications between networks using Virtual Private Networks (reaffirm a national adoption INCITS/ISO/IEC 18028-5-2008)

Public Review Date: Mar 1, 2013 | Final Action Date: Jul 10, 2013 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18031:2011 [R2022], Information technology - Security techniques - Random bit generation (reaffirmation of INCITS/ISO/IEC 18031:2011 [R2017])

Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18031:2011/AM 1:2017 [2019], Information technology — Security techniques — Random bit generation AMENDMENT 1: Deterministic random bit generation (identical national adoption of ISO/IEC 18031:2011/Amd 1:2017)

PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18031:2011/COR 1:2014 [2018], Information technology - Security techniques - Random bit generation - Technical Corrigendum 1 (identical national adoption of ISO/IEC 18031:2011/COR 1:2014)

PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 18032:2005 [R2019], Information technology - Security techniques - Prime number generation (reaffirm a national adoption INCITS/ISO/IEC 18032:2005 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18033-1:2005/AM1:2012, Information technology - Security techniques - Encryption algorithms - Part 1: Genera I- Amendment 1 (identical national adoption of ISO/IEC 18033-1:2005/AM1:2011)  
PINS Date: Mar 30, 2012 | Public Review Date: May 25, 2012 | Final Action Date: Aug 22, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18033-1:2021 [2022], Information security - Encryption algorithms - Part 1: General (identical national adoption of ISO/IEC 18033-1:2021 and revision of INCITS/ISO/IEC 18033-1:2015 [2017])  
PINS Date: Feb 18, 2022 | Public Review Date: Apr 8, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18033-2:2006 [R2018], Information technology - Security techniques - Encryption algorithms - Part 2: Asymmetric ciphers (reaffirm a national adoption INCITS/ISO/IEC 18033:2:2006 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18033-2:2006/AM1:2017 [2022], Information technology - Security techniques - Encryption algorithms - Part 2: Asymmetric ciphers - Amendment 1: FACE (identical national adoption of ISO/IEC 18033-2:2006/AM1:2017)  
PINS Date: Oct 29, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18033-3:2010 [R2022], Information technology - Security techniques - Encryption algorithms - Part 3: Block ciphers (reaffirmation of INCITS/ISO/IEC 18033-3:2010 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18033-3:2010/AM1:2021 [2022], Information Technology - Security Techniques - Encryption Algorithms - Part 3: Block Ciphers - Amendment 1: SM4 (identical national adoption of ISO/IEC 18033-3:2010/AM1:2021)  
PINS Date: Oct 29, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18033-4:2011 [R2022], Information technology - Security techniques - Encryption algorithms - Part 4: Stream ciphers (reaffirmation of INCITS/ISO/IEC 18033-4:2011 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18033-4:2011/AM1:2020 [2022], Information technology - Security techniques - Encryption algorithms - Part 4: Stream ciphers - Amendment 1: ZUC (identical national adoption of ISO/IEC 18033-4:2011/AM1:2020)  
PINS Date: Aug 26, 2022 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 28, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18033-5:2015 [2019], Information technology -- Security techniques -- Encryption algorithms -- Part 5: Identity-based ciphers (identical national adoption of ISO/IEC 18033-5:2015)  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18033-6:2019 [2020], IT Security techniques — Encryption algorithms — Part 6: Homomorphic encryption (identical national adoption of ISO/IEC 18033-6:2019)  
PINS Date: May 29, 2020 | Public Review Date: Jul 10, 2020 | Final Action Date: Sep 28, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18033-7:2022 [2022], Information security - Encryption algorithms - Part 7: Tweakable block ciphers (identical national adoption of ISO/IEC 18033-7:2022)  
PINS Date: Aug 26, 2022 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 28, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18035:2003 [S2018], Information technology -- Icon symbols and functions for controlling multimedia software applications (stabilized maintenance of INCITS/ISO/IEC 18035:2003 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 7, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18041-4:2016 [2019], Information technology -- Computer graphics, image processing and environmental data representation -- Environmental Data Coding Specification (EDCS) language bindings -- Part 4: C (identical national adoption of ISO/IEC 18041-4:2016 and revision of INCITS/ISO/IEC 18041-4:2007 [R2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 18042-4:2006 [R2019], Information technology - Computer graphics and image processing - Spatial Reference Model (SRM) language bindings - Part 4: C (reaffirm a national adoption INCITS/ISO/IEC 18042-4:2006 (R2014))  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18042-4:2006/AM1:2011 [S2022], Information technology - Computer graphics and image processing - Spatial Reference Model (SRM) language bindings - Part 4: C - Amendment 1 (stabilized maintenance of INCITS/ISO/IEC 18042-4:2006/AM1:2011 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18045:2008 [R2018], Information technology - Security techniques - Methodology for IT security evaluation (reaffirm a national adoption INCITS/ISO/IEC 18045:2008 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18050:2006 [R2018], Information technology -- Office equipment -- Print quality attributes for machine readable Digital Postage Marks (reaffirm a national adoption INCITS/ISO/IEC 18050:2006 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18092:2013 [R2020], Information technology -- Telecommunications and information exchange between systems -- Near Field Communication -- Interface and Protocol (NFCIP-1) (reaffirm a national adoption INCITS/ISO/IEC 18092:2013 [2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18093:1999 [S2021], Information technology - Data Interchange on 130 mm Optical Disk Cartridges of Type WORM (Write Once Read Many) using Irreversible Effects - Capacity: 5,2 Gbytes per Cartridge (stabilized maintenance of INCITS/ISO/IEC 18093-1999 (R2006))  
Public Review Date: Sep 9, 2011 | Final Action Date: Dec 14, 2011 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18180:2013 [R2022], Information Technology - Specification For The Extensible Configuration Checklist Description Format (XCCDF) Version 1.2 (reaffirmation of INCITS/ISO/IEC 18180:2013 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 1831:1980 [S2013], Printing specifications for optical character recognition (stabilized maintenance of INCITS/ISO/IEC 1831-1980 (R2008))  
Public Review Date: Jun 7, 2013 | Final Action Date: Oct 14, 2013 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18328-1:2015 [2021], Identification cards - ICC-managed devices - Part 1: General framework (identical national adoption of ISO/IEC 18328-1:2015)  
PINS Date: Jun 25, 2021 | Public Review Date: Aug 6, 2021 | Final Action Date: Oct 18, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18328-2:2021 [2022], Identification cards - ICC-managed devices - Part 2: Physical characteristics and test methods for cards with devices (identical national adoption of ISO/IEC 18328-2:2021)  
PINS Date: Jun 24, 2022 | Public Review Date: Aug 5, 2022 | Final Action Date: Nov 11, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18328-3:2016 [2021], Identification cards - ICC-managed devices - Part 3: Organization, security and commands for interchange (identical national adoption of ISO/IEC 18328-3:2016)  
PINS Date: Jun 25, 2021 | Public Review Date: Aug 6, 2021 | Final Action Date: Oct 18, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18328-4:2018 [2021], Identification cards - ICC-managed devices - Part 4: Test methods for logical characteristics (identical national adoption of ISO/IEC 18328-4:2018)  
PINS Date: Jun 25, 2021 | Public Review Date: Aug 6, 2021 | Final Action Date: Oct 18, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18367:2016 [2022], Information technology - Security techniques - Cryptographic algorithms and security mechanisms conformance testing (identical national adoption of ISO/IEC 18367:2016)  
PINS Date: Oct 29, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 18370-1:2016 [2019], Information technology -- Security techniques -- Blind digital signatures -- Part 1: General (identical national adoption of ISO/IEC 18370-1:2016)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18370-2:2016 [2019], Information technology -- Security techniques -- Blind digital signatures -- Part 2: Discrete logarithm based mechanisms (identical national adoption of ISO/IEC 18370-2:2016)  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18384-1:2016 [2019], Information technology - Reference Architecture for Service Oriented Architecture (SOA RA) - Part 1: Terminology and concepts for SOA (identical national adoption of ISO/IEC 18384-1:2016)  
PINS Date: Aug 11, 2017 | Public Review Date: Aug 17, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18384-2:2016 [2019], Information technology - Reference Architecture for Service Oriented Architecture (SOA RA) - Part 2: Reference Architecture for SOA Solutions (identical national adoption of ISO/IEC 18384-2:2016)  
PINS Date: Aug 11, 2017 | Public Review Date: Aug 17, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18384-3:2016 [2019], Information technology - Reference Architecture for Service Oriented Architecture (SOA RA) - Part 3: Service Oriented Architecture ontology (identical national adoption of ISO/IEC 18384-3:2016)  
PINS Date: Aug 11, 2017 | Public Review Date: Aug 17, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18477-1:2020 [2021], Information technology - Scalable compression and coding of continuous-tone still images - Part 1: Core coding system specification (identical national adoption of ISO/IEC 18477-1:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18477-2:2016 [2021], Information technology - Scalable compression and coding of continuous-tone still images - Part 2: Coding of high dynamic range images (identical national adoption of ISO/IEC 18477-2:2016)  
PINS Date: Aug 27, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 22, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18477-3:2015 [2021], Information technology - Scalable compression and coding of continuous-tone still images - Part 3: Box file format (identical national adoption of ISO/IEC 18477-3:2015)  
PINS Date: Aug 27, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 22, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18477-4:2017 [2021], Information technology - Scalable compression and coding of continuous-tone still images - Part 4: Conformance testing (identical national adoption of ISO/IEC 18477-4:2017)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18477-5:2018 [2021], Information technology - Scalable compression and coding of continuous-tone still images - Part 5: Reference software (identical national adoption of ISO/IEC 18477-5:2018)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18477-6:2016 [2021], Information technology - Scalable compression and coding of continuous-tone still images - Part 6: IDR Integer Coding (identical national adoption of ISO/IEC 18477-6:2016)  
PINS Date: Aug 27, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 22, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18477-7:2017 [2021], Information technology - Scalable compression and coding of continuous-tone still images - Part 7: HDR Floating-Point Coding (identical national adoption of ISO/IEC 18477-7:2017)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18477-8:2020 [2021], Information technology - Scalable compression and coding of continuous-tone still images - Part 8: Lossless and near-lossless coding (identical national adoption of ISO/IEC 18477-8:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 18477-9:2016 [2021], Information technology - Scalable compression and coding of continuous-tone still images - Part 9: Alpha channel coding (identical national adoption of ISO/IEC 18477-9:2016)  
PINS Date: Aug 27, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 22, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18584:2015 [2021], Information technology - Identification cards - Conformance test requirements for on-card biometric comparison applications (identical national adoption of ISO/IEC 18584:2015)  
PINS Date: Jun 25, 2021 | Public Review Date: Aug 6, 2021 | Final Action Date: Oct 18, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18745-1:2018 [2021], Test methods for machine readable travel documents (MRTD) and associated devices - Part 1: Physical test methods for passport books (durability) (identical national adoption of ISO/IEC 18745-1:2018)  
PINS Date: Jun 25, 2021 | Public Review Date: Aug 6, 2021 | Final Action Date: Oct 18, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18745-2:2021 [2022], Test methods for machine readable travel documents (MRTD) and associated devices - Part 2: Test methods for the contactless interface (identical national adoption of ISO/IEC 18745-2:2021)  
PINS Date: Jun 24, 2022 | Public Review Date: Aug 5, 2022 | Final Action Date: Nov 11, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18809-2000 [S2016], Information technology - 8 mm wide magnetic tape cartridge for information interchange - Helical scan recording - AIT-1 with MIC Format (stabilized maintenance of INCITS/ISO/IEC 18809-2000 [R2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 3, 2016 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18810-2001 [S2016], Information technology - 8 mm wide magnetic tape cartridge for information interchange - Helical scan recording - AIT-2 with MIC Format (stabilized maintenance of INCITS/ISO/IEC 18810-2001 [R2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 3, 2016 | [Approved](#)

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- ▶ INCITS/ISO/IEC 18836:2001 [S2021], Information technology - 8 mm wide magnetic tape cartridge for information interchange - Helical scan recording - Mammoth Type-2 Format (stabilized maintenance of INCITS/ISO/IEC 18836-2001 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19075-1:2021 [2022], Information technology - Guidance for the use of database language SQL - Part 1: XQuery regular expressions (identical national adoption of ISO/IEC 19075-1:2021)  
PINS Date: Feb 4, 2022 | Public Review Date: Mar 18, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19075-2:2021 [2022], Information technology - Guidance for the use of database language SQL - Part 2: Time-related information (identical national adoption of ISO/IEC 19075-2:2021)  
PINS Date: Feb 4, 2022 | Public Review Date: Mar 18, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19075-3:2021 [2022], Information technology - Guidance for the use of database language SQL - Part 3: SQL embedded in programs using the JavaTM programming language (identical national adoption of ISO/IEC 19075-3:2021)  
PINS Date: Feb 4, 2022 | Public Review Date: Mar 18, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19075-4:2021 [2022], Information technology - Guidance for the use of database language SQL - Part 4: Routines and types using the Java™ programming language (identical national adoption of ISO/IEC 19075-4:2021)  
PINS Date: Feb 4, 2022 | Public Review Date: Mar 18, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19075-5:2021 [2022], Information technology - Guidance for the use of database language SQL - Part 5: Row pattern recognition (identical national adoption of ISO/IEC 19075-5:2021)  
PINS Date: Feb 4, 2022 | Public Review Date: Mar 18, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19075-6:2021 [2022], Information technology - Guidance for the use of database language SQL - Part 6: Support for JSON (identical national adoption of ISO/IEC 19075-6:2021)  
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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 19075-7:2021 [2022], Information technology - Guidance for the use of database language SQL - Part 7: Polymorphic table functions (identical national adoption of ISO/IEC 19075-7:2021)  
PINS Date: Feb 4, 2022 | Public Review Date: Mar 18, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19075-8:2021 [2022], Information technology - Guidance for the use of database language SQL - Part 8: Multidimensional arrays (identical national adoption of ISO/IEC 19075-8:2021)  
PINS Date: Feb 4, 2022 | Public Review Date: Mar 18, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19086-1:2016 [2019], Information technology - Cloud computing - Service level agreement (SLA) framework - Part 1: Overview and concepts (identical national adoption of ISO/IEC 19086-1:2016)  
PINS Date: Aug 11, 2017 | Public Review Date: Aug 17, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19086-2:2018 [2021], Cloud computing — Service level agreement (SLA) framework — Part 2: Metric model (identical national adoption of ISO/IEC 19086-2:2018)  
PINS Date: Sep 11, 2020 | Public Review Date: Oct 30, 2020 | Final Action Date: Feb 9, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19086-3:2017 [2019], Information technology - Cloud computing - Service level agreement (SLA) framework - Part 3: Core conformance requirements (identical national adoption of ISO/IEC 19086-3:2017)  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Mar 14, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19086-4:2019 [2020], Cloud computing — Service level agreement (SLA) framework — Part 4: Components of security and of protection of PII (identical national adoption of ISO/IEC 19086-4:2019)  
PINS Date: May 29, 2020 | Public Review Date: Jul 10, 2020 | Final Action Date: Sep 28, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19286:2018 [2020], Identification Cards - Integrated Circuit Cards - Privacy-Enhancing Protocols And Services (identical national adoption of ISO/IEC 19286:2018)  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19395:2015 [R2022], Information technology - Sustainability for and by information technology - Smart data centre resource monitoring and control (reaffirmation of INCITS/ISO/IEC 19395:2015 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19464:2014 [R2022], Information Technology - Advanced Message Queuing Protocol (AMQP) V1.0 Specification (reaffirmation of INCITS/ISO/IEC 19464:2014 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19502:2005 [R2019], Information technology - Meta Object Facility (MOF) (reaffirm a national adoption INCITS/ISO/IEC 19502:2005 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19503:2005 [R2019], Information technology - XML Metadata Interchange (XMI) (reaffirm a national adoption INCITS/ISO/IEC 19503:2005 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19508:2014 [R2019], Information technology - Object Management Group Meta Object Facility (MOF) Core (reaffirm a national adoption INCITS/ISO/IEC 19508:2014 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19509:2014 [R2019], Information technology - Object Management Group XML Metadata Interchange (XMI) (reaffirm a national adoption INCITS/ISO/IEC 19509:2014 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19510:2013 [R2022], Information technology - Object Management Group Business Process Model and Notation (reaffirmation of INCITS/ISO/IEC 19510:2013)  
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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 19566-4:2020 [2021], Information technologies - JPEG systems - Part 4: Privacy and security (identical national adoption of ISO/IEC 19566-4:2020)  
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- ▶ INCITS/ISO/IEC 19566-5:2019 [2021], Information technologies - JPEG systems - Part 5: JPEG universal metadata box format (JUMBF) (identical national adoption of ISO/IEC 19566-5:2019)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19566-6:2019 [2021], Information technologies - JPEG systems - Part 6: JPEG 360 (identical national adoption of ISO/IEC 19566-6:2019)  
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- ▶ INCITS/ISO/IEC 19592-1:2016 [2019], Information technology -- Security techniques -- Secret sharing -- Part 1: General (identical national adoption of ISO/IEC 19592-1:2016)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19592-2:2017 [2019], Information technology -- Security techniques -- Secret sharing -- Part 2: Fundamental mechanisms (identical national adoption of ISO/IEC 19592-2:2017)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19637:2016 [2018], Information technology - Sensor network testing framework (identical national adoption of ISO/IEC 19637:2016)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19678:2015 [R2022], Information Technology - BIOS Protection Guidelines (reaffirmation of INCITS/ISO/IEC 19678:2015 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19752:2017 [2018], Information technology - Office equipment - Method for the determination of toner cartridge yield for monochromatic electrophotographic printers and multi-function devices that contain printer components (identical national adoption of ISO/IEC 19752:2017 and revision of INCITS/ISO/IEC 19752:2004 [R2013] INCITS/ISO/IEC 19752:2004/COR 1:2012 [2013])  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19756:2011 [R2018], Information technology -- Topic Maps -- Constraint Language (TMCL) (reaffirm a national adoption INCITS/ISO/IEC 19756:2011 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19757-11:2011 [R2018], Information technology - Document Schema Definition Languages (DSDL) - Part 11: Schema association (reaffirm a national adoption INCITS/ISO/IEC 19757-11:2011 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19757-2:2008 [R2019], Information technology - Document Schema Definition Language (DSDL) - Part 2: Regular-grammar-based validation - RELAX NG (reaffirm a national adoption INCITS/ISO/IEC 19757-2:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19757-3:2016 [2018], Information technology - Document Schema Definition Languages (DSDL) - Part 3: Rule-based validation - Schematron (identical national adoption of ISO/IEC 19757-3:2016 and revision of INCITS/ISO/IEC 19757-3:2006 [R2013])  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19757-4:2006 [S2018], Information technology -- Document Schema Definition Languages (DSDL) -- Part 4: Namespace-based Validation Dispatching Language (NVDL) (stabilized maintenance of INCITS/ISO/IEC 19757-4:2006 [R2013])  
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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 19757-4:2006/COR 1:2008 [S2020], Information technology - Document Schema Definition Languages (DSDL) - Part 4: Namespace-based Validation Dispatching Language (NVDL) - Technical Corrigendum 1 (stabilized maintenance of INCITS/ISO/IEC 19757-4:2006/COR 1:2008 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)
- ▶ INCITS/ISO/IEC 19757-5:2011 [R2018], Information technology -- Document Schema Definition Languages (DSDL) -- Part 5: Extensible Datatypes (reaffirm a national adoption INCITS/ISO/IEC 19757:5:2011 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)
- ▶ INCITS/ISO/IEC 19757-7:2009 [R2018], Information technology -- Document Schema Definition Languages (DSDL) -- Part 7: Character Repertoire Description Language (CREPDL) (reaffirm a national adoption INCITS/ISO/IEC 19757:7:2009 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)
- ▶ INCITS/ISO/IEC 19757-8:2008 [R2019], Information technology - Document Schema Definition Languages (DSDL) - Part 8: Document Semantics Renaming Language (DSRL) (reaffirm a national adoption INCITS/ISO/IEC 19757-8:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 19757-8:2008/COR 1:2011 [R2018], Information technology - Document Schema Definition Languages (DSDL) - Part 8: Document Semantics Renaming Language (DSRL) - Technical Corrigendum 1 (reaffirm a national adoption INCITS/ISO/IEC 19757:8:2008/COR 1:2011 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)
- ▶ INCITS/ISO/IEC 19757-9:2008 [R2019], Information technology - Document Schema Definition Languages (DSDL) - Part 9: Namespace and datatype declaration in Document Type Definitions (DTDs) (reaffirm a national adoption INCITS/ISO/IEC 19757-9:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 19763-1:2015 [R2022], Information technology -- Metamodel framework for interoperability (MFI) -- Part 1: Framework (reaffirmation of INCITS/ISO/IEC 19763-1:2015 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)
- ▶ INCITS/ISO/IEC 19763-3:2020 [2021], Information Technology - Metamodel Framework For Interoperability (MFI) - Part 3: Metamodel For Ontology Registration (identical national adoption of ISO/IEC 19763-3:2020 and revision of INCITS/ISO/IEC 19763-3:2010 [R2016])  
PINS Date: Feb 12, 2021 | Public Review Date: Mar 26, 2021 | Final Action Date: Aug 9, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 19772:2009 [R2019], Information technology - Security techniques - Authenticated encryption (reaffirm a national adoption INCITS/ISO/IEC 19772:2009 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 19773:2011 [R2022], Information technology - Metadata Registries (MDR) modules (reaffirmation of INCITS/ISO/IEC 19773:2011 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)
- ▶ INCITS/ISO/IEC 19774:2006 [R2019], Information technology - Computer graphics and image processing - Humanoid Animation (H-Anim) (reaffirm a national adoption INCITS/ISO/IEC 19774:2006 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 19775-1:2013 [R2019], Information technology - Computer graphics, image processing and environmental data representation - Extensible 3D (X3D) - Part 1: Architecture and base components (reaffirm a national adoption INCITS/ISO/IEC 19775-1:2013 [2014])  
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- ▶ INCITS/ISO/IEC 19775-2:2015 [R2021], Information Technology - Computer Graphics, Image Processing And Environmental Data Representation - Extensible 3D (X3D) - Part 2: Scene Access Interface (SAI) (reaffirm a national adoption INCITS/ISO/IEC 19775-2:2015 [2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19776-1:2015 [R2022], Information technology -- Computer graphics, image processing and environmental data representation -- Extensible 3D (X3D) encodings -- Part 1: Extensible Markup Language (XML) encoding (reaffirmation of INCITS/ISO/IEC 19776-1:2015 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19776-2:2015 [2019], Information technology -- Computer graphics, image processing and environmental data representation -- Extensible 3D (X3D) encodings -- Part 2: Classic VRML encoding (identical national adoption of ISO/IEC 19776-2:2015 and revision of INCITS/ISO/IEC 19776-2:2008 [R2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19776-3:2015 [R2022], Information technology — Computer graphics, image processing and environmental data representation — Extensible 3D (X3D) encodings — Part 3: Compressed binary encoding (reaffirmation of INCITS/ISO/IEC 19776-3:2015 [2017])  
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- ▶ INCITS/ISO/IEC 19777-1:2006 [R2018], Information technology - Computer graphics and image processing - Extensible 3D (X3D) language bindings - Part 1: ECMA Script (reaffirm a national adoption INCITS/ISO/IEC 19777-1:2006 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Oct 18, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19777-2:2006 [R2018], Information technology - Computer graphics and image processing - Extensible 3D (X3D) language bindings - Part 2: Java (reaffirm a national adoption INCITS/ISO/IEC 19777-2:2006 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Oct 18, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19778-1:2015 [2020], Information technology - Learning, education and training - Collaborative technology - Collaborative workplace - Part 1: Collaborative workplace data model (identical national adoption of ISO/IEC 19778-1:2015 and revision of INCITS/ISO/IEC 19778-1:2008 [R2015])  
PINS Date: Feb 28, 2020 | Public Review Date: Apr 10, 2020 | Final Action Date: Jun 22, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19778-2:2015 [2020], Information technology - Learning, education and training - Collaborative technology - Collaborative workplace - Part 2: Collaborative environment data model (identical national adoption of ISO/IEC 19778-2:2015 and revision of INCITS/ISO/IEC 19778-2:2008 [R2015])  
PINS Date: Feb 28, 2020 | Public Review Date: Apr 10, 2020 | Final Action Date: Jun 22, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19778-3:2015 [2020], Information technology - Learning, education and training - Collaborative technology - Collaborative workplace - Part 3: Collaborative group data model (identical national adoption of ISO/IEC 19778-3:2015 and revision of INCITS/ISO/IEC 19778-3:2008 [R2015])  
PINS Date: Feb 28, 2020 | Public Review Date: Apr 10, 2020 | Final Action Date: Jun 22, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19784-1:2006/AM 2:2009 [R2014], Information technology - BioAPI - Biometric Application Programming Interface - Part 1: BioAPI Specification - Amendment 2: Framework Free BioAPI (reaffirm a national adoption INCITS/ISO/IEC 19784-1:2006/AM2:2009 [2009])  
Public Review Date: Jul 4, 2014 | Final Action Date: Nov 21, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19784-1:2006/AM 3:2010 [R2016], Information technology -- Biometric application programming interface -- Part 1: BioAPI specification - Amendment 3: Support for interchange of certificates and security assertions, and other security aspects (reaffirm a national adoption INCITS/ISO/IEC 19784-1:2006/AM3:2010 [2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 10, 2016 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 19784-1:2018 [2018], Information technology -- Biometric application programming interface -- Part 1: BioAPI specification (identical national adoption of ISO/IEC 19784-1:2018 and revision of INCITS/ISO/IEC 19784:1:2006 [R2017])

INCITS/ISO/IEC 19784:1:2006/AM1:2007 [R2013]

INCITS/ISO/IEC 19784:1:2006/AM 2:2009 [R2014]

INCITS/ISO/IEC 19784:1:2006/AM 3:2010 [R2016])

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- ▶ INCITS/ISO/IEC 19784-4:2011 [R2021], Information technology -- Biometric application programming interface -- Part 4: Biometric sensor function provider interface (reaffirm a national adoption INCITS/ISO/IEC 19784-4:2011 [R2016])

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- ▶ INCITS/ISO/IEC 19784-4:2011/COR1:2013 [R2018], Information technology -- Biometric application programming interface -- Part 4: Biometric sensor function provider interface Corrigendum 1 (reaffirm a national adoption INCITS/ISO/IEC 19784-4:2011/Cor 1:2013)

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- ▶ INCITS/ISO/IEC 19785-1-2015 [2018], Information technology - Common Biometric Exchange Formats Framework - Part 1: Data element specification (identical national adoption of ISO/IEC 19785-1:2015 and revision of INCITS/ISO/IEC 19785:1:2006 [R2013])

INCITS/ISO/IEC 19785:1:2006/AM 1:2010 [R2015])

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- ▶ INCITS/ISO/IEC 19785-1:2006/AM 1:2010 [R2015], Information technology - Common Biometric Exchange Formats Framework - Part 1: Data element specification - Amendment 1 (reaffirm a national adoption INCITS/ISO/IEC 19785:1:2006/Amd 1:2010)

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- ▶ INCITS/ISO/IEC 19785-1:2020 [2021], Information technology - Common Biometric Exchange Formats Framework - Part 1: Data element specification (identical national adoption of ISO/IEC 19785-1:2020 and revision of INCITS/ISO/IEC 19785-1:2015 [2018])

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- ▶ INCITS/ISO/IEC 19785-2:2006/AM 1:2010 [R2020], Information technology -- Common Biometric Exchange Formats Framework -- Part 2: Procedures for the operation of the Biometric Registration Authority Amendment 1: Additional registrations (reaffirm a national adoption INCITS/ISO/IEC 19785-2:2006/AM 1:2010 [R2015])

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- ▶ INCITS/ISO/IEC 19785-2:2021 [2022], Information technology - Common Biometric Exchange Formats Framework - Part 2: Biometric registration authority (identical national adoption of ISO/IEC 19785-2:2021 and revision of INCITS/ISO/IEC 19785-2:2006 [R2018], INCITS/ISO/IEC 19785-2:2006/AM 1:2010 [R2020])

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- ▶ INCITS/ISO/IEC 19785-3:2020 [2021], Information technology - Common Biometric Exchange Formats Framework - Part 3: Patron format specifications (identical national adoption of ISO/IEC 19785-3:2020)

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- ▶ INCITS/ISO/IEC 19785-4:2010 [R2020], Information technology -- Common Biometric Exchange Formats Framework -- Part 4: Security block format specifications (reaffirm a national adoption INCITS/ISO/IEC 19785-4:2010 [R2015])

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19785-4:2010/COR1:2013 [R2019], Information technology -- Common Biometric Exchange Formats Framework (CBEFF) -- Part 4: Security block format specifications TECHNICAL CORRIGENDUM 1 (reaffirm a national adoption INCITS/ISO/IEC 19785-4:2010/COR1:2013 [2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 19790:2012 [R2019], Information technology - Security techniques - Security requirements for cryptographic modules (reaffirm a national adoption INCITS/ISO/IEC 19790:2012 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19792:2009 [R2022], Information technology - Security techniques - Security evaluation of biometrics (reaffirmation of INCITS/ISO/IEC 19792:2009 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-1:2006 [R2022], Information technology - Biometric data interchange formats - Part 1: Framework (reaffirmation of INCITS/ISO/IEC 19794-1:2006 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-1:2011 [R2018], Information technology - Biometric data interchange formats - Part 1: Framework (reaffirm a national adoption INCITS/ISO/IEC 19794-1:2011 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-1:2011/AM1:2013 [R2019], Information technology - Biometric data interchange formats - Part 1: Framework Amendment 1: Conformance testing methodology (reaffirm a national adoption INCITS/ISO/IEC 19794-1:2011/AM1:2013 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Oct 29, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-10:2007 [R2022], Information technology - Biometric data interchange formats - Part 10: Hand geometry silhouette data (reaffirmation of INCITS/ISO/IEC 19794-10:2007 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-11:2013 [R2018], Information technology - Biometric data interchange formats - Part 11: Signature/sign processed dynamic data (reaffirm a national adoption INCITS/ISO/IEC 19794-11:2013 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-11:2013/AM 1:2014 [R2020], Information technology - Biometric data interchange formats - Part 11: Signature/sign processed dynamic data Amendment 1: Conformance test assertions (reaffirm a national adoption INCITS/ISO/IEC 19794-11:2013/Amd 1:2014 (2015))  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-11:2013/Amd 1:2014 [2015], Information technology -- Biometric data interchange formats -- Part 11: Signature/sign processed dynamic data -- Amendment 1: Conformance test assertions (identical national adoption of ISO/IEC 19794-11:2013/Amd 1:2014)  
PINS Date: Nov 7, 2014 | Public Review Date: Dec 12, 2014 | Final Action Date: May 6, 2015 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-13:2018 [2021], Information Technology - Biometric Data Interchange Formats - Part 13: Voice Data (identical national adoption of ISO/IEC 19794-13:2018)  
PINS Date: May 28, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-14:2013 [R2018], Information technology - Biometric data interchange formats - Part 14: DNA data (reaffirm a national adoption INCITS/ISO/IEC 19794-14:2013 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-2:2005 [R2022], Information technology - Biometric data interchange formats - Part 2: Finger minutiae data (reaffirmation of INCITS/ISO/IEC 19794-2:2005 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-2:2005/AM 1:2010 [R2020], Information technology - Biometric data interchange formats - Part 2: Finger minutiae data - Amendment 1: Detailed description of finger minutiae location, direction, and type (reaffirm a national adoption INCITS/ISO/IEC 19794-2:2005/AM 1:2010 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 19794-2:2005/Amd 1:2010/Cor 2:2014 [R2020], Information technology - Biometric data interchange formats - Part 2: Finger minutiae data - Amendment 1: Detailed description of finger minutiae location, direction and type - Technical Corrigendum 2 (reaffirm a national adoption INCITS/ISO/IEC 19794-2:2005/Amd 1:2010/Cor 2:2014 [2015])

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-2:2005/COR 1:2009 [R2020], Information technology - Biometric data interchange formats - Part 2: Finger minutiae data Technical Corrigendum 1 (reaffirm a national adoption INCITS/ISO/IEC 19794-2:2005/COR 1:2009 [R2015])

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-2:2011 [R2018], Information technology - Biometric data interchange formats - Part 2: Finger minutiae data (reaffirm a national adoption INCITS/ISO/IEC 19794-2:2011 [2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-3:2006 [R2022], Information technology - Biometric data interchange formats - Part 3: Finger pattern spectral data (reaffirmation of INCITS/ISO/IEC 19794-3:2006 [R2017])

Public Review Date: May 13, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-4:2005 [R2022], Information technology - Biometric data interchange formats - Part 4: Finger image data (reaffirmation of INCITS/ISO/IEC 19794-4:2005 [R2017])

Public Review Date: May 13, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-4:2011 [R2018], Information technology - Biometric data interchange formats - Part 4: Finger image data (reaffirm a national adoption INCITS/ISO/IEC 19794-4:2011 [2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-4:2011/AM1:2013 [R2019], Information technology - Biometric data interchange formats - Part 4: Finger image data Amendment 1: Conformance testing methodology and clarification of defects (reaffirm a national adoption INCITS/ISO/IEC 19794-4:2011/AM1:2013 [2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Oct 29, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-4:2011/COR1:2012 [R2019], Information technology - Biometric data interchange formats - Part 4: Finger image data - Technical Corrigendum 1 (reaffirm a national adoption INCITS/ISO/IEC 19794-4:2011/COR1:2012 [2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Oct 29, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-5:2005 [R2022], Information technology - Biometric data interchange formats - Part 5: Face image data (reaffirmation of INCITS/ISO/IEC 19794-5:2005 [R2017])

Public Review Date: May 13, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-5:2005/COR 3:2013, Information technology -- Biometric data interchange formats -- Part 5: Face image data - Technical Corrigendum 3 (identical national adoption of ISO/IEC 19794-5:2005/COR 3:2013)

PINS Date: Jul 5, 2013 | Public Review Date: Aug 9, 2013 | Final Action Date: Nov 26, 2013 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-5:2011 [R2018], Information technology - Biometric data interchange formats - Part 5: Face image data (reaffirm a national adoption INCITS/ISO/IEC 19794-5:2011 [2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-5:2011/AM1:2014 [R2019], Information technology - Biometric data interchange formats - Part 5: Face image data - Amendment 1: Conformance testing methodology and clarification of defects (reaffirm a national adoption INCITS/ISO/IEC 19794-5:2011/AM1:2014 [2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Oct 29, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-6:2005 [R2022], Information technology - Biometric data interchange formats - Part 6: Iris image data (reaffirmation of INCITS/ISO/IEC 19794-6:2005 [R2017])

Public Review Date: May 13, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 19794-6:2011 [R2018], Information technology - Biometric data interchange formats - Part 6: Iris image data (reaffirm a national adoption INCITS/ISO/IEC 19794-6:2005 [R2017])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-6:2011/COR1:2012 [R2019], Information technology - Biometric data interchange formats - Part 6: Iris image data - Technical Corrigendum 1 (reaffirm a national adoption INCITS/ISO/IEC 19794-6:2011/COR1:2012 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-7:2007 [R2022], Information technology - Biometric data interchange formats - Part 7: Signature/sign time series data (reaffirmation of INCITS/ISO/IEC 19794-7:2007 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-7:2007/COR 1:2009 [R2020], Information technology - Biometric data interchange formats - Part 7: Signature/sign time series data Technical Corrigendum 1 (reaffirm a national adoption INCITS/ISO/IEC 19794-7:2007/COR 1:2009 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-7:2014 [R2019], Information technology - Biometric data interchange formats - Part 7: Signature/sign time series data (reaffirm a national adoption INCITS/ISO/IEC 19794-7:2007 [2017])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-8:2006 [R2019], Information technology - Biometric data interchange formats - Part 8: Finger pattern skeletal data (reaffirm a national adoption INCITS/ISO/IEC 19794-8:2006 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-8:2006/COR1:2011 [R2018], Information technology - Biometric data interchange formats - Part 8: Finger pattern skeletal data - Technical Corrigendum 1 (reaffirm a national adoption INCITS/ISO/IEC 19794-8:2006/Cor 1:2013)  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-9:2007 [R2022], Information technology - Biometric data interchange formats - Part 9: Vascular image data (reaffirmation of INCITS/ISO/IEC 19794-9:2007 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-9:2011 [R2018], Information technology - Biometric data interchange formats - Part 9: Vascular image data (reaffirm a national adoption INCITS/ISO/IEC 19794-9:2011 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-9:2011/AM 1:2013 [R2018], Information technology - Biometric data interchange formats - Part 9: Vascular biometric image data - Amendment 1 (reaffirm a national adoption INCITS/ISO/IEC 19794-9:2011/Amd 1:2013)  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19794-9:2011/COR1:2012 [R2018], Information technology - Biometric data interchange formats - Part 9: Vascular biometric image data - Technical Corrigendum 1 (reaffirm a national adoption INCITS/ISO/IEC 19794-9:2011/Cor 1:2012)  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19795-1:2021 [2022], Information technology - Biometric performance testing and reporting - Part 1: Principles and framework (identical national adoption of ISO/IEC 19795-1:2021 and revision of INCITS/ISO/IEC 19795-1:2006 [R2017])  
PINS Date: Feb 18, 2022 | Public Review Date: Apr 8, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 19795-2:2007 [R2019], Information technology - Biometric performance testing and reporting - Part 2: Testing methodologies for technology and scenario evaluation (reaffirm a national adoption INCITS/ISO/IEC 19795-2:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 19795-4:2008 [R2019], Information technology - Biometric performance testing and reporting - Part 4: Interoperability performance testing (reaffirm a national adoption INCITS/ISO/IEC 19795-4:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 19795-5:2011 [R2021], Information technology -- Biometric performance testing and reporting -- Part 5: Access control scenario and grading scheme (reaffirm a national adoption INCITS/ISO/IEC 19795-5:2011 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 19795-6:2012 [R2018], Information technology -- Biometric performance testing and reporting -- Part 6: Testing methodologies for operational evaluation (reaffirm a national adoption INCITS/ISO/IEC 19795-6:2012 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)
- ▶ INCITS/ISO/IEC 19795-7:2011 [R2021], Information technology -- Biometric performance testing and reporting -- Part 7: Testing of on-card biometric comparison algorithms (reaffirm a national adoption INCITS/ISO/IEC 19795-7:2011 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 19796-3:2009 [S2020], Information Technology - Learning, Education And Training - Quality Management, Assurance And Metrics - Part 3: Reference Methods And Metrics (stabilized maintenance of INCITS/ISO/IEC 19796-3:2009 [R015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)
- ▶ INCITS/ISO/IEC 19798:2017 [2018], Information Technology - Office Equipment - Method For The Determination Of Toner Cartridge Yield For Colour Printers And Multi-Function Devices That Contain Printer Components (identical national adoption of ISO/IEC 19798:2017 and revision of INCITS/ISO/IEC 19798:2007 [R2013])  
INCITS/ISO/IEC 19798:2007/COR 1:2012 [2013])  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)
- ▶ INCITS/ISO/IEC 19799:2007 [R2018], Information technology -- Method of measuring gloss uniformity on printed pages (reaffirm a national adoption INCITS/ISO/IEC 19799:2007 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)
- ▶ INCITS/ISO/IEC 19831:2015 [R2022], Cloud Infrastructure Management Interface (CIMI) Model And RESTful HTTP-Based Protocol - An Interface For Managing Cloud Infrastructure (reaffirmation of INCITS/ISO/IEC 19831:2015 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)
- ▶ INCITS/ISO/IEC 1989:2002 Corrigendum 3:2010, Information technology - Programming languages - COBOL TECHNICAL CORRIGENDUM 3 (identical national adoption of ISO/IEC 1989:2002 CORRIGENDUM 3:2009)  
PINS Date: Feb 12, 2010 | Public Review Date: Apr 16, 2010 | Final Action Date: Aug 19, 2010 | [Approved](#)
- ▶ INCITS/ISO/IEC 1989:2002/TC1:2006 [R2013], Information Technology - Programming Languages - COBOL (reaffirm a national adoption INCITS/ISO/IEC 1989:2002/TC1:2006 [R2012])  
Final Action Date: Jul 29, 2013 | [Approved](#)
- ▶ INCITS/ISO/IEC 1989:2002/TC2:2006 [R2012], Information technology - Programming languages - COBOL - Technical Corrigendum 2 (reaffirm a national adoption INCITS/ISO/IEC 1989:2002/TC2:2006)  
Public Review Date: May 11, 2012 | Final Action Date: Aug 15, 2012 | [Approved](#)
- ▶ INCITS/ISO/IEC 1989:2014 [R2019], Information technology - Programming languages, their environments and system software interfaces - Programming language COBOL (reaffirm a national adoption INCITS/ISO/IEC 1989:2014 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 19896-1:2018 [2019], IT security techniques -- Competence requirements for information security testers and evaluators -- Part 1: Introduction, concepts and general requirements (identical national adoption of ISO/IEC 19896-1:2018)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19896-2:2018 [2019], IT security techniques -- Competence requirements for information security testers and evaluators -- Part 2: Knowledge, skills and effectiveness requirements for ISO/IEC 19790 testers (identical national adoption of ISO/IEC 19896-2:2018)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19896-3:2018 [2019], IT security techniques -- Competence requirements for information security testers and evaluators -- Part 3: Knowledge, skills and effectiveness requirements for ISO/IEC 15408 evaluators (identical national adoption of ISO/IEC 19896-3:2018)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19941:2017 [2019], Information technology - Cloud computing - Interoperability and portability (identical national adoption of ISO/IEC 19941:2017)  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 19944-1:2020 [2021], Cloud computing and distributed platforms - Data flow, data categories and data use - Part 1: Fundamentals (identical national adoption of ISO/IEC 19944-1:2020)  
PINS Date: May 14, 2021 | Public Review Date: Jun 25, 2021 | Final Action Date: Sep 9, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20000-2:2012 [2018], Information technology - Service management - Part 2: Guidance on the application of service management systems (identical national adoption of ISO/IEC 20000-2:2012)  
PINS Date: Feb 23, 2018 | Public Review Date: May 4, 2018 | Final Action Date: Sep 6, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20000-3:2012 [2018], Information technology -- Service management -- Part 3: Guidance on scope definition and applicability of ISO/IEC 20000-1 (identical national adoption of ISO/IEC 20000-3:2012)  
PINS Date: Feb 23, 2018 | Public Review Date: May 4, 2018 | Final Action Date: Sep 6, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20000-6:2017 [2018], Information technology -- Service management -- Part 6: Requirements for bodies providing audit and certification of service management systems (identical national adoption of ISO/IEC 20000-6:2017)  
PINS Date: Oct 13, 2017 | Public Review Date: Dec 22, 2017 | Final Action Date: Mar 16, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20005:2013 [R2019], Information technology - Sensor networks - Services and interfaces supporting collaborative information processing in intelligent sensor networks (reaffirm a national adoption INCITS/ISO/IEC 20005:2013 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20008-1:2013 [R2019], Information technology - Security techniques - Anonymous digital signatures - Part 1: General (reaffirm a national adoption INCITS/ISO/IEC 20008-1:2013 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20008-2:2013 [R2019], Information technology - Security techniques - Anonymous digital signatures - Part 2: Mechanisms using a group public key (reaffirm a national adoption INCITS/ISO/IEC 20008-2:2013 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20009-1:2013 [R2019], Information technology - Security techniques - Anonymous entity authentication - Part 1: General (reaffirm a national adoption INCITS/ISO/IEC 20009-1:2013 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20009-2:2013 [2022], Information Technology - Security Techniques - Anonymous Entity Authentication - Part 2: Mechanisms Based On Signatures Using A Group Public Key (identical national adoption of ISO/IEC 20009-2:2013)  
PINS Date: Oct 29, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 20009-4:2017 [2022], Information technology - Security techniques - Anonymous entity authentication - Part 4: Mechanisms based on weak secrets (identical national adoption of ISO/IEC 20009-4:2017)  
PINS Date: Oct 29, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20027:2018 [2021], Information technology - Guidelines for slap tenprint fingerprintture (identical national adoption of ISO/IEC 20027:2018)  
PINS Date: May 28, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20060:2010 [R2018], Information technology - Open Terminal Architecture (OTA) specification - Virtual machine specification (reaffirm a national adoption INCITS/ISO/IEC 20060:2010 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20061:2001 [S2012], Information technology - 12,65 mm wide magnetic tape cassette for information interchange - Helical scan recording DTF-2 (stabilized maintenance of INCITS/ISO/IEC 20061:2001 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 6, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20062:2001 [S2012], Information technology - 8 mm wide magnetic tape cartridge for information interchange - Helical scan recording VXA-1 format (stabilized maintenance of INCITS/ISO/IEC 20062:2001 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 6, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20071-11:2019 [2020], Information Technology - User Interface Component Accessibility - Part 11: Guidance On Text Alternatives For Images (identical national adoption of ISO/IEC 20071-11:2019)  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Sep 24, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20085-1:2019 [2022], IT Security techniques - Test tool requirements and test tool calibration methods for use in testing non-invasive attack mitigation techniques in cryptographic modules - Part 1: Test tools and techniques (identical national adoption of ISO/IEC 20085-1:2019)  
PINS Date: Oct 29, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2022:1994 [R2018], Information technology -- Character code structure and extension techniques (reaffirm a national adoption INCITS/ISO/IEC 2022:1994 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2047-1975 [S2017], Information Processing - Graphical representations for the control characters of the 7-bit coded character set (stabilized maintenance of INCITS/ISO 2047-1975)  
Public Review Date: Oct 5, 2007 | Final Action Date: Dec 6, 2007 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20543:2019 [2022], Information technology - Security techniques - Test and analysis methods for random bit generators within ISO/IEC 19790 and ISO/IEC 15408 (identical national adoption of ISO/IEC 20543:2019)  
PINS Date: Oct 29, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20546:2019 [2019], Information technology -- Big data -- Overview and vocabulary (identical national adoption of ISO/IEC 20546:2019)  
PINS Date: May 17, 2019 | Public Review Date: Jun 28, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20547-3:2020 [2022], Information technology - Big data reference architecture - Part 3: Reference architecture (identical national adoption of ISO/IEC 20547-3:2020)  
PINS Date: Jul 22, 2022 | Public Review Date: Sep 2, 2022 | Final Action Date: Dec 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20563:2001 [S2012], Information technology - 80 mm (1,23 Gbytes per side) and 120 mm (3,95 Gbytes per side) DVD-recordable disk (DVD-R) (stabilized maintenance of INCITS/ISO/IEC 20563-2001 (R2007))  
Public Review Date: Jun 8, 2012 | Final Action Date: Aug 20, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20648:2016 [2018], Information technology - TLS specification for storage systems (identical national adoption of ISO/IEC 20648:2016)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 20889:2018 [2019], Privacy enhancing data de-identification terminology and classification of techniques (identical national adoption of ISO/IEC 20889:2018)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20897-2:2022 [2022], Information security, cybersecurity and privacy protection - Physically unclonable functions - Part 2: Test and evaluation methods (identical national adoption of ISO/IEC 20897-2:2022)  
PINS Date: Aug 26, 2022 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 28, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20919:2021 [2022], Information technology - Linear tape file system (LTFS) Format specification (identical national adoption of ISO/IEC 20919:2021 and revision of INCITS/ISO/IEC 20919:2016 [2017])  
PINS Date: Feb 18, 2022 | Public Review Date: Apr 8, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20924:2021 [2021], Information technology - Internet of Things (IoT) - Vocabulary (identical national adoption of ISO/IEC 20924:2021)  
PINS Date: Apr 30, 2021 | Public Review Date: Jun 11, 2021 | Final Action Date: Sep 7, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20944-1:2013 [R2018], Information technology - Metadata Registries Interoperability and Bindings (MDR-IB) - Part 1: Framework, common vocabulary, and common provisions for conformance (reaffirm a national adoption INCITS/ISO/IEC 20944-1:2013 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20944-2:2013 [R2018], Information technology - Metadata Registries Interoperability and Bindings (MDR-IB) - Part 2: Coding bindings (reaffirm a national adoption INCITS/ISO/IEC 20944-2:2013 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20944-3:2013 [R2018], Information technology - Metadata Registries Interoperability and Bindings (MDR-IB) - Part 3: API bindings (reaffirm a national adoption INCITS/ISO/IEC 20944-3:2013 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20944-4:2013 [R2018], Information technology - Metadata Registries Interoperability and Bindings (MDR-IB) - Part 4: Protocol bindings (reaffirm a national adoption INCITS/ISO/IEC 20944-4:2013 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20944-5:2013 [R2018], Information technology - Metadata Registries Interoperability and Bindings (MDR-IB) - Part 5: Profiles (reaffirm a national adoption INCITS/ISO/IEC 20944-5:2013 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 20970:2002 [S2012], Information technology - Programming languages, their environments and system software interfaces - JEFF file format (stabilized maintenance of INCITS/ISO/IEC 20970:2002 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 6, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21000-10:2006 [R2019], Information technology - Multimedia framework (MPEG-21) - Part 10: Digital Item Processing (reaffirm a national adoption INCITS/ISO/IEC 21000-10:2006 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21000-10:2006/AM1:2006 [R2019], Information technology - Multimedia framework (MPEG-21) - Part 10: Digital Item Processing - Amendment 1: Additional C++ bindings (reaffirm a national adoption INCITS/ISO/IEC 21000-10:2006/AM1:2006 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21000-14:2007 [R2019], Information technology - Multimedia framework (MPEG-21) - Part 14: Conformance Testing (reaffirm a national adoption INCITS/ISO/IEC 21000-14:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21000-15:2006 [R2019], Information technology - Multimedia framework (MPEG-21) - Part 15: Event Reporting (reaffirm a national adoption INCITS/ISO/IEC 21000-15:2006 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 21000-15:2006/AM1:2008 [R2019], Information technology - Multimedia framework (MPEG-21) - Part 15: Event Reporting - Amendment 1: Security in Event Reporting (reaffirm a national adoption INCITS/ISO/IEC 21000-15:2006/AM1:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21000-16:2005 [R2019], Information technology - Multimedia framework (MPEG-21) - Part 16: Binary Format (reaffirm a national adoption INCITS/ISO/IEC 21000-16:2005 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21000-17:2006 [R2019], Information technology - Multimedia framework (MPEG-21) - Part 17: Fragment Identification of MPEG Resources (reaffirm a national adoption INCITS/ISO/IEC 21000-17:2006 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21000-18:2007 [R2019], Information technology - Multimedia framework (MPEG-21) - Part 18: Digital Item Streaming (reaffirm a national adoption INCITS/ISO/IEC 21000-18:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21000-19:2010 [2021], Information technology - Multimedia framework (MPEG-21) - Part 19: Media Value Chain Ontology (identical national adoption of ISO/IEC 21000-19:2010)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21000-19:2010/AM1:2018 [2021], Information technology - Multimedia framework (MPEG-21) - Part 19: Media Value Chain Ontology - Amendment 1: Extensions on time-segments and multi-track audio (identical national adoption of ISO/IEC 21000-19:2010/AM1:2018)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21000-2:2005 [R2018], Information technology - Multimedia framework (MPEG-21) - Part 2: Digital Item Declaration (reaffirm a national adoption INCITS/ISO/IEC 21000-2:2005 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21000-21:2017 [2021], Information technology - Multimedia framework (MPEG-21) - Part 21: Media contract ontology (identical national adoption of ISO/IEC 21000-21:2017)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21000-3:2003 [R2018], Information technology - Coding of audio-visual objects - Part 5: Reference software (reaffirm a national adoption INCITS/ISO/IEC 21000-3:2003 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21000-3:2003/AM1:2007 [R2019], Information technology - Multimedia framework (MPEG-21) - Part 3: Digital Item Identification - Amendment 1: Related identifier types (reaffirm a national adoption INCITS/ISO/IEC 21000-3:2003/AM1:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21000-4:2006 [R2019], Information technology - Multimedia framework (MPEG-21) - Part 4: Intellectual Property Management and Protection Components (reaffirm a national adoption INCITS/ISO/IEC 21000-4:2006 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21000-4:2006/AM1:2007 [R2019], Information technology - Multimedia framework (MPEG-21) - Part 4: Intellectual Property Management and Protection Components - Amendment 1: IPMP components base profile (reaffirm a national adoption INCITS/ISO/IEC 21000-4:2006/AM1:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21000-5:2004 [R2019], Information technology - Multimedia framework (MPEG-21) - Part 5: Rights Expression Language (reaffirm a national adoption INCITS/ISO/IEC 21000-5:2004 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- INCITS/ISO/IEC 21000-5:2004/AM1:2007 [R2019], Information technology - Multimedia framework (MPEG-21) - Part 5: Rights Expression Language - Amendment 1: MAM (Mobile And optical Media) profile (reaffirm a national adoption INCITS/ISO/IEC 21000-5:2004/AM1:2007 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- INCITS/ISO/IEC 21000-5:2004/AM2:2007 [R2019], Information technology - Multimedia framework (MPEG-21) - Part 5: Rights Expression Language - Amendment 2: DAC (Dissemination And Capture) profile (reaffirm a national adoption INCITS/ISO/IEC 21000-5:2004/AM2:2007 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- INCITS/ISO/IEC 21000-5:2004/AM3:2008 [R2019], Information technology - Multimedia framework (MPEG-21) - Part 5: Rights Expression Language - Amendment 3: Open access content (OAC) profile (reaffirm a national adoption INCITS/ISO/IEC 21000-5:2004/AM3:2008 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- INCITS/ISO/IEC 21000-6:2004 [R2019], Information technology - Multimedia framework (MPEG-21) - Part 6: Rights Data Dictionary (reaffirm a national adoption INCITS/ISO/IEC 21000-6:2004 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- INCITS/ISO/IEC 21000-6:2004/AM1:2006 [R2019], Information technology - Multimedia framework (MPEG-21) - Part 6: Rights Data Dictionary - Amendment 1: Digital Item Identifier relationship types (reaffirm a national adoption INCITS/ISO/IEC 21000-6:2004/AM1:2006 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- INCITS/ISO/IEC 21000-7:2007 [R2020], Information technology - Multimedia framework (MPEG-21) - Part 7: Digital Item Adaptation (reaffirm a national adoption INCITS/ISO/IEC 21000-7:2007 [R2015])

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- INCITS/ISO/IEC 21000-8:2008 [R2019], Information technology - Multimedia framework (MPEG-21) - Part 8: Reference software (reaffirm a national adoption INCITS/ISO/IEC 21000-8:2008 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- INCITS/ISO/IEC 21000-8:2008/AM 1:2009 [R2021], Information technology -- Multimedia framework (MPEG-21) -- Part 8: Reference software - Amendment 1: Extract reference software (reaffirm a national adoption INCITS/ISO/IEC 21000-8:2008/AM 1:2009 [R2016])

Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- INCITS/ISO/IEC 21000-8:2008/AM4:2018 [2021], Information technology - Multimedia framework (MPEG-21) - Part 8: Reference software - Amendment 4: Media value chain ontology extensions on time-segments and multi-track audio (identical national adoption of ISO/IEC 21000-8:2008/AM4:2018)

PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- INCITS/ISO/IEC 21000-9:2005 [R2019], Information technology - Multimedia framework (MPEG-21) - Part 9: File Format (reaffirm a national adoption INCITS/ISO/IEC 21000-9:2005 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- INCITS/ISO/IEC 21000-9:2005/AM1:2008 [R2019], Information technology - Multimedia framework (MPEG-21) - Part 9: File Format - Amendment 1: MIME type registration (reaffirm a national adoption INCITS/ISO/IEC 21000-9:2005/AM1:2008 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- INCITS/ISO/IEC 21117:2012 [R2018], Information technology -- Office equipment -- Copying machines and multi-function devices -- Information to be included in specification sheets and related test methods (reaffirm a national adoption INCITS/ISO/IEC 21117:2012 [2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 21118:2012 [R2018], Information technology -- Office equipment -- Information to be included in specification sheets -- Data projectors (reaffirm a national adoption INCITS/ISO/IEC 21118:2012 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21122-4:2020 [2021], Information technology - JPEG XS low-latency lightweight image coding system - Part 4: Conformance testing (identical national adoption of ISO/IEC 21122-4:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21122-5:2020 [2021], Information technology - JPEG XS low-latency lightweight image coding system - Part 5: Reference software (identical national adoption of ISO/IEC 21122-5:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21472:2021 [2022], Information technology - Scenario evaluation methodology for user interaction influence in biometric system performance (identical national adoption of ISO/IEC 21472:2021)  
PINS Date: Aug 26, 2022 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 28, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21481:2012 [R2020], Information technology -- Telecommunications and information exchange between systems -- Near Field Communication Interface and Protocol -2 (NFCIP-2) (reaffirm a national adoption INCITS/ISO/IEC 21481:2012 [2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21481:2012[2015], Information technology -- Telecommunications and information exchange between systems -- Near Field Communication Interface and Protocol -2 (NFCIP-2) (identical national adoption of ISO/IEC 21481:2012 and revision of INCITS/ISO/IEC 21481:2005[2010])  
PINS Date: Aug 28, 2015 | Public Review Date: Oct 9, 2015 | Final Action Date: Dec 22, 2015 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21794-1:2020 [2021], Information technology - Plenoptic image coding system (JPEG Pleno) - Part 1: Framework (identical national adoption of ISO/IEC 21794-1:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21823-1:2019 [2021], Internet of things (IoT) - Interoperability for IoT systems - Part 1: Framework (identical national adoption of ISO/IEC 21823-1:2019)  
PINS Date: Apr 30, 2021 | Public Review Date: Jun 11, 2021 | Final Action Date: Sep 7, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21823-2:2020 [2021], Internet of things (IoT) - Interoperability for IoT systems - Part 2: Transport interoperability (identical national adoption of ISO/IEC 21823-2:2020)  
PINS Date: Apr 30, 2021 | Public Review Date: Jun 11, 2021 | Final Action Date: Sep 7, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21827:2008 [2022], Information technology - Security techniques - Systems Security Engineering - Capability Maturity Model® (SSE-CMM®) (identical national adoption of ISO/IEC 21827:2008)  
PINS Date: Oct 29, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21836:2020 [2021], Information technology - Data centres - Server energy effectiveness metric (identical national adoption of ISO/IEC 21836:2020)  
PINS Date: Sep 17, 2021 | Public Review Date: Oct 29, 2021 | Final Action Date: Dec 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21838-1:2021 [2022], Information technology - Top-level ontologies (TLO) - Part 1: Requirements (identical national adoption of ISO/IEC 21838-1:2021)  
PINS Date: Feb 4, 2022 | Public Review Date: Mar 18, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21838-2:2021 [2022], Information technology - Top-level ontologies (TLO) - Part 2: Basic Formal Ontology (BFO) (identical national adoption of ISO/IEC 21838-2:2021)  
PINS Date: Feb 4, 2022 | Public Review Date: Mar 18, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 21878:2018 [2022], Information technology - Security techniques - Security guidelines for design and implementation of virtualized servers (identical national adoption of ISO/IEC 21878:2018)  
PINS Date: Oct 29, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 22050-2002 [S2013], Information technology - Data interchange on 12,7 mm, 384-track magnetic tape cartridges - Ultrium-1 format (stabilized maintenance of INCITS/ISO/IEC 22050-2002 (R2008))  
Public Review Date: Apr 5, 2013 | Final Action Date: Oct 3, 2013 | [Approved](#)

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- ▶ INCITS/ISO/IEC 22051:2002 [S2016], Information technology - Data interchange on 12,7 mm, 448-track magnetic tape cartridges - SDLT1 format (stabilized maintenance of INCITS/ISO/IEC 22051:2002 [R2008])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 3, 2016 | [Approved](#)

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- ▶ INCITS/ISO/IEC 22091:2002 [S2013], Information technology - Streaming Lossless Data Compression algorithm (SLDC) (stabilized maintenance of INCITS/ISO/IEC 22091-2002 (R2008))  
Public Review Date: Apr 5, 2013 | Final Action Date: Aug 7, 2013 | [Approved](#)

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- ▶ INCITS/ISO/IEC 22092:2002 [S2012], Information Technology - Data Interchange on 130 mm Magneto-Optical Disk Cartridges - Capacity: 9,1 Gbytes Per Cartridge (stabilized maintenance of INCITS/ISO/IEC 22092-2002 (R2007))  
Public Review Date: Jun 8, 2012 | Final Action Date: Aug 20, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 22123-1:2021 [2021], Information Technology - Cloud Computing - Part 1: Vocabulary (identical national adoption of ISO/IEC 22123-1:2021)  
PINS Date: May 14, 2021 | Public Review Date: Jun 25, 2021 | Final Action Date: Sep 9, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 22275:2018 [2022], Information Technology - Programming Languages, Their Environments, And System Software Interfaces - ECMAScript® Specification Suite (identical national adoption of ISO/IEC 22275:2018 and revision of INCITS/ISO/IEC 16262:2011 [R2017])  
Public Review Date: Apr 8, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 22505:2021 [2022], Information technology - Method for the determination of ink cartridge yield for monochrome inkjet printers and multi-function devices that contain inkjet printer components (identical national adoption of ISO/IEC 22505:2021)  
PINS Date: Jun 24, 2022 | Public Review Date: Aug 5, 2022 | Final Action Date: Nov 11, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 22533:2005 [S2020], Information technology - Data interchange on 90 mm Optical Disk Cartridges - Capacity: 2,3 Gbytes per Cartridge (stabilized maintenance of INCITS/ISO/IEC 22533:2005 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 22536:2013 [R2020], Information technology -- Telecommunications and information exchange between systems -- Near Field Communication Interface and Protocol (NFCIP-1) -- RF interface test methods (reaffirm a national adoption INCITS/ISO/IEC 22536:2013 [2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 22537:2006 [R2020], Information technology — ECMAScript for XML (E4X) specification (reaffirm a national adoption INCITS/ISO/IEC 22537:2006 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 22624:2020 [2021], Information Technology - Cloud Computing - Taxonomy Based Data Handling For Cloud Services (identical national adoption of ISO/IEC 22624:2020)  
PINS Date: May 14, 2021 | Public Review Date: Jun 25, 2021 | Final Action Date: Sep 9, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23000-10:2012 [2021], Information technology — Multimedia application format (MPEG-A) — Part 10: Surveillance application format (identical national adoption of ISO/IEC 23000-10:2012 and revision of INCITS/ISO/IEC 23000-10:2009 [R2016])  
PINS Date: Feb 12, 2021 | Public Review Date: Mar 26, 2021 | Final Action Date: Aug 9, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23000-13:2017 [2021], Information technology - Multimedia application format (MPEG-A) - Part 13: Augmented reality application format (identical national adoption of ISO/IEC 23000-13:2017)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 23000-15:2016 [2021], Information technology - Multimedia application format (MPEG-A) - Part 15: Multimedia preservation application format (identical national adoption of ISO/IEC 23000-15:2016)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 23000-15:2016/AM1:2017 [2021], Information technology - Multimedia application format (MPEG-A) - Part 15: Multimedia preservation application format - Amendment 1: Implementation guidelines for MP-AF (identical national adoption of ISO/IEC 23000-15:2016/AM1:2017)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 23000-16:2018 [2021], Information technology - Multimedia application format (MPEG-A) - Part 16: Publish/Subscribe Application Format (identical national adoption of ISO/IEC 23000-16:2018)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 23000-17:2018 [2021], Information technology - Multimedia application format (MPEG-A) - Part 17: Multiple sensorial media application format (identical national adoption of ISO/IEC 23000-17:2018)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 23000-18:2018 [2021], Information technology - Multimedia application formats (MPEG-A) - Part 18: Media linking application format (identical national adoption of ISO/IEC 23000-18:2018)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 23000-19:2020 [2021], Information technology - Multimedia application format (MPEG-A) - Part 19: Common media application format (CMAF) for segmented media (identical national adoption of ISO/IEC 23000-19:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 23000-19:2020/AM1:2021 [2022], Information technology - Multimedia application format (MPEG-A) - Part 19: Common media application format (CMAF) for segmented media - Amendment 1: Additional CMAF HEVC media profiles (identical national adoption of ISO/IEC 23000-19:2020/AM1:2021)  
PINS Date: Mar 18, 2022 | Public Review Date: Apr 29, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)
- ▶ INCITS/ISO/IEC 23000-2:2008 [R2019], Information technology - Multimedia application format (MPEG-A) - Part 2: MPEG music player application format (Ed 2) (reaffirm a national adoption INCITS/ISO/IEC 23000-2:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 23000-21:2019 [2021], Information technology - Multimedia application format (MPEG-A) - Part 21: Visual identity management application format (identical national adoption of ISO/IEC 23000-21:2019)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 23000-21:2019/AM1:2021 [2022], Information technology - Multimedia application format (MPEG-A) - Part 21: Visual identity management application format - Amendment 1: Conformance and reference software (identical national adoption of ISO/IEC 23000-21:2019/AM1:2021)  
PINS Date: Mar 18, 2022 | Public Review Date: Apr 29, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)
- ▶ INCITS/ISO/IEC 23000-22:2019 [2021], Information technology - Multimedia application format (MPEG-A) - Part 22: Multi-image application format (MIAF) (identical national adoption of ISO/IEC 23000-22:2019)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 23000-22:2019/AM1:2021 [2022], Information technology - Multimedia application format (MPEG-A) - Part 22: Multi-image application format (MIAF) - Amendment 1: Reference software and conformance for multi-image application format (identical national adoption of ISO/IEC 23000-22:2019/AM1:2021)  
PINS Date: Mar 18, 2022 | Public Review Date: Apr 29, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)
- ▶ INCITS/ISO/IEC 23000-22:2019/AM2:2021 [2022], Information technology - Multimedia application format (MPEG-A) - Part 22: Multi-image application format (MIAF) - Amendment 2: HEVC Advanced HDR profile and other clarifications (identical national adoption of ISO/IEC 23000-22:2019/AM2:2021)  
PINS Date: Mar 18, 2022 | Public Review Date: Apr 29, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 23000-3:2007 [R2019], Information technology - Multimedia application format (MPEG-A) - Part 3: MPEG photo player application format (reaffirm a national adoption INCITS/ISO/IEC 23000-3:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 23000-3:2007/AM 1:2009 [R2021], Information technology -- Multimedia application format (MPEG-A) -- Part 3: MPEG photo player application format - Amendment 1: Reference software for photo player MAF (reaffirm a national adoption INCITS/ISO/IEC 23000-3:2007/AM1:2009 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 23000-4:2009 [R2021], Information technology -- Multimedia application format (MPEG-A) -- Part 4: Musical slide show application format (reaffirm a national adoption INCITS/ISO/IEC 23000-4:2009 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 23000-4:2009/AM 1:2009 [R2021], Information technology -- Multimedia application format (MPEG-A) -- Part 4: Musical slide show application format - Amendment 1: Conformance and reference software for musical slide show application format (reaffirm a national adoption INCITS/ISO/IEC 23000-4:2009/AM 1:2009 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 23000-5:2011 [R2019], Information technology - Multimedia application format (MPEG-A) - Part 5: Media streaming application format (Ed 2) (reaffirm a national adoption INCITS/ISO/IEC 23000-5:2011 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 23000-6:2012 [2021], Information technology — Multimedia application format (MPEG-A) — Part 6: Professional archival application format (identical national adoption of ISO/IEC 23000-6:2012 and revision of INCITS/ISO/IEC 23000-6:2009 [R2016])  
PINS Date: Feb 12, 2021 | Public Review Date: Mar 26, 2021 | Final Action Date: Aug 9, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 23000-7:2008 [R2019], Information technology - Multimedia application format (MPEG-A) - Part 7: Open access application format (reaffirm a national adoption INCITS/ISO/IEC 23000-7:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 23000-7:2008/AM 1:2009 [R2021], Information technology -- Multimedia application format (MPEG-A) -- Part 7: Open access application format - Amendment 1: Conformance and reference software for open access application format (reaffirm a national adoption INCITS/ISO/IEC 23000-7:2008/AM 1:2009 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 23000-9:2008 [R2019], Information technology - Multimedia application format (MPEG-A) - Part 9: Digital Multimedia Broadcasting application format (reaffirm a national adoption INCITS/ISO/IEC 23000-9:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 23001-1:2006 [R2019], Information technology - MPEG systems technologies - Part 1: Binary MPEG format for XML (reaffirm a national adoption INCITS/ISO/IEC 23001-1:2006 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 23001-1:2006/AM1:2007 [R2019], Information technology - MPEG systems technologies - Part 1: Binary MPEG format for XML - Amendment 1: Conformance and reference software (reaffirm a national adoption INCITS/ISO/IEC 23001-1:2006/AM1:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 23001-1:2006/AM2:2008 [R2019], Information technology - MPEG systems technologies - Part 1: Binary MPEG format for XML - Amendment 2: Conservation of prefixes and extensions on encoding of wild cards (reaffirm a national adoption INCITS/ISO/IEC 23001-1:2006/AM2:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 23001-1:2006/COR1:2007 [2022], Information technology - MPEG systems technologies - Part 1: Binary MPEG format for XML - Technical Corrigendum 1 (identical national adoption of ISO/IEC 23001-1:2006/COR1:2007)

PINS Date: Sep 24, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23001-1:2006/COR2:2007 [2022], Information technology - MPEG systems technologies - Part 1: Binary MPEG format for XML - Technical Corrigendum 2 (identical national adoption of ISO/IEC 23001-1:2006/COR2:2007)

PINS Date: Sep 24, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23001-10:2020 [2021], Information technology - MPEG systems technologies - Part 10: Carriage of timed metadata metrics of media in ISO base media file format (identical national adoption of ISO/IEC 23001-10:2020)

PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23001-11:2019 [2021], Information technology - MPEG systems technologies - Part 11: Energy-efficient media consumption (green metadata) (identical national adoption of ISO/IEC 23001-11:2019)

PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23001-12:2018 [2021], Information technology - MPEG systems technologies - Part 12: Sample variants (identical national adoption of ISO/IEC 23001-12:2018)

PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23001-13:2019 [2021], Information technology - MPEG systems technologies - Part 13: Media orchestration (identical national adoption of ISO/IEC 23001-13:2019)

PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23001-14:2019 [2021], Information technology - MPEG systems technologies - Part 14: Partial file format (identical national adoption of ISO/IEC 23001-14:2019)

PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23001-2:2008 [R2019], Information technology - MPEG systems technologies - Part 2: Fragment request units (reaffirm a national adoption INCITS/ISO/IEC 23001-2:2008 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23001-3:2008 [R2019], Information technology - MPEG systems technologies - Part 3: XML IPMP messages (reaffirm a national adoption INCITS/ISO/IEC 23001-3:2008 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23001-4:2017 [2021], Information technology - MPEG systems technologies - Part 4: Codec configuration representation (identical national adoption of ISO/IEC 23001-4:2017)

PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23001-5:2008 [R2019], Information technology - MPEG systems technologies - Part 5: Bitstream Syntax Description Language (BSDL) (reaffirm a national adoption INCITS/ISO/IEC 23001-5:2008 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23001-7:2016 [2021], Information technology - MPEG systems technologies - Part 7: Common encryption in ISO base media file format files (identical national adoption of ISO/IEC 23001-7:2016)

PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23001-7:2016/AM1:2019 [2021], Information technology - MPEG systems technologies - Part 7: Common encryption in ISO base media file format files - Amendment 1: AES-CBC-128 and key rotation (identical national adoption of ISO/IEC 23001-7:2016/AM1:2019)

PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 23001-9:2016 [2022], Information technology - MPEG systems technologies - Part 9: Common encryption of MPEG-2 transport streams (identical national adoption of ISO/IEC 23001-9:2016)  
PINS Date: Sep 24, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23002-1:2006 [R2019], Information technology - MPEG video technologies - Part 1: Accuracy requirements for implementation of integer-output 8x8 inverse discrete cosine transform (reaffirm a national adoption INCITS/ISO/IEC 23002-1:2006 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23002-1:2006/AM1:2008 [R2019], Information technology - MPEG video technologies - Part 1: Accuracy requirements for implementation of integer-output 8x8 inverse discrete cosine transform - Amendment 1: Software for integer IDCT accuracy testing (reaffirm a national adoption INCITS/ISO/IEC 23002-1:2006/AM1:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23002-2:2008 [R2019], Information technology -- MPEG video technologies -- Part 2: Fixed-point 8x8 inverse discrete cosine transform and discrete cosine transform (reaffirm a national adoption INCITS/ISO/IEC 23002-2:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23002-3:2007 [R2019], Information technology - MPEG video technologies - Part 3: Representation of auxiliary video and supplemental information (reaffirm a national adoption INCITS/ISO/IEC 23002-3:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23002-4:2018 [2021], Information technology - MPEG video technologies - Part 4: Video tool library (identical national adoption of ISO/IEC 23002-4:2018)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23002-5:2017 [2021], Information technology - MPEG video technologies - Part 5: Reconfigurable media coding conformance and reference software (identical national adoption of ISO/IEC 23002-5:2017)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23002-7:2021 [2021], Information technology - MPEG video technologies - Part 7: Versatile supplemental enhancement information messages for coded video bitstreams (identical national adoption of ISO/IEC 23002-7:2021)  
PINS Date: Apr 30, 2021 | Public Review Date: Jun 11, 2021 | Final Action Date: Sep 7, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23003-1:2007 [R2019], Information technology - MPEG audio technologies - Part 1: MPEG Surround (reaffirm a national adoption INCITS/ISO/IEC 23003-1:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23003-1:2007/AM1:2008 [R2019], Information technology - MPEG audio technologies - Part 1: MPEG Surround - Amendment 1: Conformance testing (reaffirm a national adoption INCITS/ISO/IEC 23003-1:2007/AM1:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23003-1:2007/AM2:2008 [R2019], Information technology - MPEG audio technologies - Part 1: MPEG Surround - Amendment 2: Reference software (reaffirm a national adoption INCITS/ISO/IEC 23003-1:2007/AM2:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23003-1:2017/AM4:2017 [2021], Information technology - MPEG audio technologies - Part 1: MPEG Surround - Amendment 4: Reference software for MPEG surround extension for 3D audio (identical national adoption of ISO/IEC 23003-1:2017/AM4:2017)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 23003-2:2018 [2021], Information technology - MPEG audio technologies - Part 2: Spatial Audio Object Coding (SAOC) (identical national adoption of ISO/IEC 23003-2:2018)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23003-3:2020 [2021], Information technology - MPEG audio technologies - Part 3: Unified speech and audio coding (identical national adoption of ISO/IEC 23003-3:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23003-4:2020 [2021], Information technology - MPEG audio technologies - Part 4: Dynamic range control (identical national adoption of ISO/IEC 23003-4:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23003-5:2020 [2021], Information technology - MPEG audio technologies - Part 5: Uncompressed audio in MPEG-4 file format (identical national adoption of ISO/IEC 23003-5:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23004-1:2007 [R2019], Information technology - Multimedia Middleware - Part 1: Architecture (reaffirm a national adoption INCITS/ISO/IEC 23004-1:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23004-2:2007 [R2019], Information technology - Multimedia Middleware - Part 2: Multimedia application programming interface (API) (reaffirm a national adoption INCITS/ISO/IEC 23004-2:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23004-3:2007 [R2019], Information technology - Multimedia Middleware - Part 3: Component model (reaffirm a national adoption INCITS/ISO/IEC 23004-3:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23004-4:2007 [R2019], Information technology - Multimedia Middleware - Part 4: Resource and quality management (reaffirm a national adoption INCITS/ISO/IEC 23004-4:2007 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23004-5:2008 [R2019], Information technology - Multimedia Middleware - Part 5: Component download (reaffirm a national adoption INCITS/ISO/IEC 23004-5:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23004-6:2008 [R2019], Information technology - Multimedia Middleware - Part 6: Fault management (reaffirm a national adoption INCITS/ISO/IEC 23004-6:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23004-7:2008 [R2019], Information technology - Multimedia Middleware - Part 7: System integrity management (reaffirm a national adoption INCITS/ISO/IEC 23004-7:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23004-8:2009 [R2021], Information technology -- Multimedia Middleware -- Part 8: Reference software (reaffirm a national adoption INCITS/ISO/IEC 23004-8:2009 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23005-1:2020 [2021], Information technology - Media context and control - Part 1: Architecture (identical national adoption of ISO/IEC 23005-1:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23005-2:2018 [2021], Information technology - Media context and control - Part 2: Control information (identical national adoption of ISO/IEC 23005-2:2018)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 23005-3:2019 [2021], Information technology - Media context and control - Part 3: Sensory information (identical national adoption of ISO/IEC 23005-3:2019)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23005-4:2018 [2021], Information technology - Media context and control - Part 4: Virtual world object characteristics (identical national adoption of ISO/IEC 23005-4:2018)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23005-5:2019 [2021], Information technology - Media context and control - Part 5: Data formats for interaction devices (identical national adoption of ISO/IEC 23005-5:2019)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23005-6:2019 [2021], Information technology - Media context and control - Part 6: Common types and tools (identical national adoption of ISO/IEC 23005-6:2019)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23005-7:2019 [2021], Information technology - Media context and control - Part 7: Conformance and reference software (identical national adoption of ISO/IEC 23005-7:2019)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23006-1:2018 [2021], Information technology - Multimedia service platform technologies - Part 1: Architecture (identical national adoption of ISO/IEC 23006-1:2018)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23008-1:2017 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 1: MPEG media transport (MMT) (identical national adoption of ISO/IEC 23008-1:2017)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23008-1:2017/AM1:2017 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 1: MPEG media transport (MMT) - Amendment 1: Use of MMT Data in MPEG-H 3D Audio (identical national adoption of ISO/IEC 23008-1:2017/AM1:2017)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23008-11:2015 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 11: MPEG media transport composition information (identical national adoption of ISO/IEC 23008-11:2015)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23008-11:2017/COR1:2017 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 11: MPEG media transport composition information - Technical Corrigendum 1 (identical national adoption of ISO/IEC 23008-11:2017/COR1:2017)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23008-12:2017 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 12: Image File Format (identical national adoption of ISO/IEC 23008-12:2017)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23008-12:2017/AM1:2020 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 12: Image File Format - Amendment 1: Support for predictive image coding, bursts, bracketing and other improvements (identical national adoption of ISO/IEC 23008-12:2017/AM1:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23008-12:2017/COR1:2020 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 12: Image File Format - Technical Corrigendum 1 (identical national adoption of ISO/IEC 23008-12:2017/COR1:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 23008-2:2020 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 2: High efficiency video coding (identical national adoption of ISO/IEC 23008-2:2020)  
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- ▶ INCITS/ISO/IEC 23008-2:2020/AM1:2021 [2022], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 2: High efficiency video coding - Amendment 1: Shutter interval information SEI message (identical national adoption of ISO/IEC 23008-2:2020/AM1:2021)  
PINS Date: Sep 24, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23008-3:2019 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 3: 3D audio (identical national adoption of ISO/IEC 23008-3:2019)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23008-3:2019/AM1:2019 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments — Part 3: 3D audio - Amendment 1: Audio metadata enhancements (identical national adoption of ISO/IEC 23008-3:2019/AM1:2019)  
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- ▶ INCITS/ISO/IEC 23008-3:2019/AM2:2020 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 3: 3D audio - Amendment 2: 3D Audio baseline profile, corrections and improvements (identical national adoption of ISO/IEC 23008-3:2019/AM2:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23008-4:2020 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 4: MMT reference software (identical national adoption of ISO/IEC 23008-4:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23008-5:2017 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 5: Reference software for high efficiency video coding (identical national adoption of ISO/IEC 23008-5:2017)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23008-5:2017/AM1:2017 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 5: Reference software for high efficiency video coding - Amendment 1: Reference software for screen content coding extensions (identical national adoption of ISO/IEC 23008-5:2017/AM1:2017)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23008-6:2020 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 6: 3D audio reference software (identical national adoption of ISO/IEC 23008-6:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23008-8:2018 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 8: Conformance specification for HEVC (identical national adoption of ISO/IEC 23008-8:2018)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23008-8:2018/AM1:2019 [2021], Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 8: Conformance specification for HEVC - Amendment 1: Conformance testing for HEVC screen content coding (SCC) extensions and non-intra high throughput profiles (identical national adoption of ISO/IEC 23008-8:2018/AM1:2019)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23009-1:2019 [2021], Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 1: Media presentation description and segment formats (identical national adoption of ISO/IEC 23009-1:2019)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 23009-2:2020 [2021], Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 2: Conformance and reference software (identical national adoption of ISO/IEC 23009-2:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23009-4:2018 [2021], Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 4: Segment encryption and authentication (identical national adoption of ISO/IEC 23009-4:2018)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23009-5:2017 [2021], Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 5: Server and network assisted DASH (SAND) (identical national adoption of ISO/IEC 23009-5:2017)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23009-5:2017/AM1:2020 [2021], Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 5: Server and network assisted DASH (SAND) - Amendment 1: Improvements on SAND messages (identical national adoption of ISO/IEC 23009-5:2017/AM1:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23009-6:2017 [2021], Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 6: DASH with server push and WebSockets (identical national adoption of ISO/IEC 23009-6:2017)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23053:2022 [2022], Framework for Artificial Intelligence (AI) Systems using Machine Learning (ML) (identical national adoption of ISO/IEC 23053:2022)  
PINS Date: Jul 22, 2022 | Public Review Date: Sep 2, 2022 | Final Action Date: Dec 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23090-8:2020 [2021], Information technology - Coded representation of immersive media - Part 8: Network based media processing (identical national adoption of ISO/IEC 23090-8:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23091-1:2018 [2021], Information technology - Coding-independent code points - Part 1: Systems (identical national adoption of ISO/IEC 23091-1:2018)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23091-3:2018 [2021], Information technology - Coding-independent code points - Part 3: Audio (identical national adoption of ISO/IEC 23091-3:2018)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23092-1:2020 [2021], Information technology - Genomic information representation - Part 1: Transport and storage of genomic information (identical national adoption of ISO/IEC 23092-1:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23092-2:2020 [2021], Information technology - Genomic information representation - Part 2: Coding of genomic information (identical national adoption of ISO/IEC 23092-2:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23092-3:2020 [2021], Information technology - Genomic information representation - Part 3: Metadata and application programming interfaces (APIs) (identical national adoption of ISO/IEC 23092-3:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23092-4:2020 [2021], Information technology - Genomic information representation - Part 4: Reference software (identical national adoption of ISO/IEC 23092-4:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23092-5:2020 [2021], Information technology - Genomic information representation - Part 5: Conformance (identical national adoption of ISO/IEC 23092-5:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 23093-1:2020 [2021], Information technology - Internet of media things - Part 1: Architecture (identical national adoption of ISO/IEC 23093-1:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23093-4:2020 [2021], Information technology - Internet of media things - Part 4: Reference software and conformance (identical national adoption of ISO/IEC 23093-4:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23094-1:2020 [2021], Information technology - General video coding - Part 1: Essential video coding (identical national adoption of ISO/IEC 23094-1:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23264-1:2021 [2021], Information Security - Redaction Of Authentic Data - Part 1: General (identical national adoption of ISO/IEC 23264-1:2021)  
PINS Date: May 14, 2021 | Public Review Date: Jun 25, 2021 | Final Action Date: Sep 9, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23270:2006 [R2018], Information technology -- Programming languages -- C (reaffirm a national adoption INCITS/ISO/IEC 23270:2006 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23271:2012 [R2018], Information technology - Common Language Infrastructure (CLI) Partition 1 to VI (reaffirm a national adoption INCITS/ISO/IEC 23271:2012 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23360-1-1:2021 [2022], Linux Standard Base (LSB) - Part 1-1: Common definitions (identical national adoption of ISO/IEC 23360-1-1:2021 and revision of INCITS/ISO/IEC 23360-1:2006 [R2020])  
PINS Date: Nov 26, 2021 | Public Review Date: Jan 21, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23360-1-2:2021 [2022], Linux Standard Base (LSB) - Part 1-2: Core specification generic part (identical national adoption of ISO/IEC 23360-1-2:2021 and revision of INCITS/ISO/IEC 23360-1:2006 [R2020])  
PINS Date: Nov 26, 2021 | Public Review Date: Jan 21, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23360-1-3:2021 [2022], Linux Standard Base (LSB) - Part 1-3: Desktop specification generic part (identical national adoption of ISO/IEC 23360-1-3:2021 and revision of INCITS/ISO/IEC 23360-1:2006 [R2020])  
PINS Date: Nov 26, 2021 | Public Review Date: Jan 21, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23360-1-4:2021 [2022], Linux Standard Base (LSB) - Part 1-4: Languages specification (identical national adoption of ISO/IEC 23360-1-4:2021 and revision of INCITS/ISO/IEC 23360-1:2006 [R2020])  
PINS Date: Nov 26, 2021 | Public Review Date: Jan 21, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23360-1-5:2021 [2022], Linux Standard Base (LSB) - Part 1-5: Imaging specification (identical national adoption of ISO/IEC 23360-1-5:2021 and revision of INCITS/ISO/IEC 23360-1:2006 [R2020])  
PINS Date: Nov 26, 2021 | Public Review Date: Jan 21, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23360-2-2:2021 [2022], Linux Standard Base (LSB) - Part 2-2: Core specification for X86-32 architecture (identical national adoption of ISO/IEC 23360-2-2:2021 and revision of INCITS/ISO/IEC 23360-2:2006 [R2020])  
PINS Date: Nov 26, 2021 | Public Review Date: Jan 21, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23360-2-3:2021 [2022], Linux Standard Base (LSB) - Part 2-3: Desktop specification for X86-32 architecture (identical national adoption of ISO/IEC 23360-2-3:2021 and revision of INCITS/ISO/IEC 23360-2:2006 [R2020])  
PINS Date: Nov 26, 2021 | Public Review Date: Jan 21, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 23360-3-2:2021 [2022], Linux Standard Base (LSB) - Part 3-2: Core specification for IA64 (Itanium™) architecture (identical national adoption of ISO/IEC 23360-3-2:2021 and revision of INCITS/ISO/IEC 23360-3:2006 [R2020])  
PINS Date: Nov 26, 2021 | Public Review Date: Jan 21, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23360-3-3:2021 [2022], Linux Standard Base (LSB) - Part 3-3: Desktop specification for IA64 (Itanium™) architecture (identical national adoption of ISO/IEC 23360-3-3:2021 and revision of INCITS/ISO/IEC 23360-3:2006 [R2020])  
PINS Date: Nov 26, 2021 | Public Review Date: Jan 21, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23360-4-2:2021 [2022], Linux Standard Base (LSB) - Part 4-2: Core specification for AMD64 (X86-64) architecture (identical national adoption of ISO/IEC 23360-4-2:2021 and revision of INCITS/ISO/IEC 23360-4:2006 [R2020])  
PINS Date: Nov 26, 2021 | Public Review Date: Jan 21, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23360-4-3:2021 [2022], Linux Standard Base (LSB) - Part 4-3: Desktop specification for AMD64 (X86-64) architecture (identical national adoption of ISO/IEC 23360-4-3:2021 and revision of INCITS/ISO/IEC 23360-4:2006 [R2020])  
PINS Date: Nov 26, 2021 | Public Review Date: Jan 21, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23360-5-2:2021 [2022], Linux Standard Base (LSB) - Part 5-2: Core specification for PowerPC 32 architecture (identical national adoption of ISO/IEC 23360-5-2:2021 and revision of INCITS/ISO/IEC 23360-5:2006 [R2020])  
PINS Date: Nov 26, 2021 | Public Review Date: Jan 21, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23360-5-3:2021 [2022], Linux Standard Base (LSB) - Part 5-3: Desktop specification for PowerPC 32 architecture (identical national adoption of ISO/IEC 23360-5-3:2021 and revision of INCITS/ISO/IEC 23360-5:2006 [R2020])  
PINS Date: Nov 26, 2021 | Public Review Date: Jan 21, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23360-6-2:2021 [2022], Linux Standard Base (LSB) - Part 6-2: Core specification for PowerPC 64 architecture (identical national adoption of ISO/IEC 23360-6-2:2021 and revision of INCITS/ISO/IEC 23360-6:2006 [R2020])  
PINS Date: Nov 26, 2021 | Public Review Date: Jan 21, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23360-6-3:2021 [2022], Linux Standard Base (LSB) - Part 6-3: Desktop specification for PowerPC 64 architecture (identical national adoption of ISO/IEC 23360-6-3:2021 and revision of INCITS/ISO/IEC 23360-6:2006 [R2020])  
PINS Date: Nov 26, 2021 | Public Review Date: Jan 21, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23360-7-2:2021 [2022], Linux Standard Base (LSB) - Part 7-2: Core specification for S390 architecture (identical national adoption of ISO/IEC 23360-7-2:2021 and revision of INCITS/ISO/IEC 23360-7:2006 [R2020])  
PINS Date: Nov 26, 2021 | Public Review Date: Jan 21, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23360-7-3:2021 [2022], Linux Standard Base (LSB) - Part 7-3: Desktop specification for S390 architecture (identical national adoption of ISO/IEC 23360-7-3:2021 and revision of INCITS/ISO/IEC 23360-7:2006 [R2020])  
PINS Date: Nov 26, 2021 | Public Review Date: Jan 21, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23360-8-2:2021 [2022], Linux Standard Base (LSB) - Part 8-2: Core specification for S390X architecture (identical national adoption of ISO/IEC 23360-8-2:2021 and revision of INCITS/ISO/IEC 23360-8:2006 [R2020])  
PINS Date: Nov 26, 2021 | Public Review Date: Jan 21, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 23360-8-3:2021 [2022], Linux Standard Base (LSB) - Part 8-3: Desktop specification for S390X architecture (identical national adoption of ISO/IEC 23360-8-3:2021 and revision of INCITS/ISO/IEC 23360-8:2006 [R2020])  
PINS Date: Nov 26, 2021 | Public Review Date: Jan 21, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23544:2021 [2022], Information Technology - Data centres - Application Platform Energy Effectiveness (APEE) (identical national adoption of ISO/IEC 23544:2021)  
PINS Date: Sep 24, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23651:2003 [S2018], Information technology -- 8 mm wide magnetic tape cartridge for information interchange -- Helical scan recording -- AIT-3 format (stabilized maintenance of INCITS/ISO/IEC 23651:2003 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 6, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2375:2003 [R2018], Information technology -- Procedure for registration of escape sequences and coded character sets (reaffirm a national adoption INCITS/ISO/IEC 2375:2003 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2382-1:1993 [R2013], Information technology -- Vocabulary - Part 1: Fundamental Terms (reaffirm a national adoption INCITS/ISO/IEC 2382-1-1993 (R2008))  
Public Review Date: Jun 7, 2013 | Final Action Date: Oct 14, 2013 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2382-10-1979 [R2013], Information technology - Vocabulary - Part 10: Operating techniques & facilities (reaffirm a national adoption INCITS/ISO/IEC 2382-10-1979 (R2008))  
Public Review Date: Jun 7, 2013 | Final Action Date: Oct 14, 2013 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2382-12:1988 (R2013), Information technology -- Vocabulary - Part 12: Peripheral equipment (reaffirm a national adoption INCITS/ISO/IEC 2382-12-1988 (R2008))  
Public Review Date: Jun 7, 2013 | Final Action Date: Oct 14, 2013 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2382-13:1996 [R2011], Information technology - Vocabulary - Part 13: Computer Graphics (reaffirm a national adoption INCITS/ISO/IEC 2382-13-1996 (R2006))  
Public Review Date: Sep 2, 2011 | Final Action Date: Dec 21, 2011 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2382-17:1999 [2013], Information technology -- Vocabulary -- Part 17: Databases (identical national adoption of ISO/IEC 2382-17:1999 and revision of INCITS/ISO 2382-17-1996 (R2011))  
PINS Date: Apr 19, 2013 | Public Review Date: May 24, 2013 | Final Action Date: Aug 12, 2013 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2382-19-1989 [S2011], Information technology -- Vocabulary - Part 19: Analog computing (stabilized maintenance of INCITS/ISO/IEC 2382-19-1989 (R2006))  
Public Review Date: Aug 26, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2382-2:1976 [R2013], Information technology -- Vocabulary - Part 2: Arithmetic and logic operations (reaffirm a national adoption INCITS/ISO/IEC 2382-2-1976 (R2008))  
Public Review Date: Jun 7, 2013 | Final Action Date: Oct 14, 2013 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2382-20:1990 [R2011], Information technology - Vocabulary - Part 20: Systems development (reaffirm a national adoption INCITS/ISO/IEC 2382-20-1990 (R2006))  
Public Review Date: Sep 2, 2011 | Final Action Date: Dec 21, 2011 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2382-23:1994 [R2011], Information technology - Vocabulary - Part 23: Text Processing (reaffirm a national adoption INCITS/ISO/IEC 2382-23-1994 (R2006))  
Public Review Date: Sep 2, 2011 | Final Action Date: Dec 21, 2011 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2382-24:1995 [R2011], Information technology - Vocabulary - Part 24: Computer-integrated manufacturing (CIM) (reaffirm a national adoption INCITS/ISO/IEC 2382-24-1995 (R2006))  
Public Review Date: Sep 2, 2011 | Final Action Date: Dec 21, 2011 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 2382-25:1992 [R2011], Information technology - Vocabulary - Part 25: Local Area Networks (LAN) (reaffirm a national adoption INCITS/ISO/IEC 2382-25-1992 (R2006))  
Public Review Date: Sep 2, 2011 | Final Action Date: Dec 21, 2011 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2382-26:1993 [R2011], Information technology - Vocabulary - Part 26: Open Systems Interconnection Architecture (reaffirm a national adoption INCITS/ISO/IEC 2382-26-1993 (R2006))  
Public Review Date: Sep 2, 2011 | Final Action Date: Dec 21, 2011 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2382-27:1994 [R2011], Information technology - Vocabulary - Part 27: Office Automation (reaffirm a national adoption INCITS/ISO/IEC 2382-27-1994 (R2006))  
Public Review Date: Sep 2, 2011 | Final Action Date: Dec 21, 2011 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2382-28:1995 [R2011], Information technology - Vocabulary - Part 28: Artificial Intelligence - Basic concepts and expert systems (reaffirm a national adoption INCITS/ISO/IEC 2382-28-1995 (R2006))  
Public Review Date: Sep 2, 2011 | Final Action Date: Dec 21, 2011 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2382-3:1987 (R2013), Information technology -- Vocabulary - Part 3: Equipment technology (reaffirm a national adoption INCITS/ISO/IEC 2382-3-1987 (R2008))  
Public Review Date: Jun 7, 2013 | Final Action Date: Oct 14, 2013 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2382-36:2013[2015], Information technology - Vocabulary - Part 36: Learning, education and training (identical national adoption of ISO/IEC 2382-36:2008 and revision of INCITS/ISO/IEC 2382-36:2008 [2010])  
PINS Date: May 22, 2015 | Public Review Date: Aug 28, 2015 | Final Action Date: Dec 30, 2015 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2382-36:2019 [2020], Information technology - Vocabulary - Part 36: Learning, education and training (identical national adoption of ISO/IEC 2382-36:2019 and revision of INCITS/ISO/IEC 2382-36:2013 [2015])  
PINS Date: Feb 28, 2020 | Public Review Date: Apr 10, 2020 | Final Action Date: Jun 22, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2382-37:2012 [2013], Information technology - Vocabulary - Part 37: Biometrics (identical national adoption of ISO/IEC 2382-37:2012)  
PINS Date: Jan 4, 2013 | Public Review Date: Feb 8, 2013 | Final Action Date: Apr 3, 2013 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2382-37:2022 [2022], Information technology - Vocabulary - Part 37: Biometrics (identical national adoption of ISO/IEC 2382-37:2022 and revision of INCITS/ISO/IEC 2382-37:2017 [2021])  
PINS Date: Aug 26, 2022 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 28, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2382-4:1999 [R2014], Information technology - Vocabulary - Part 4: Organization of data (reaffirm a national adoption INCITS/ISO/IEC 2382-4:1999 [2009])  
Public Review Date: Aug 15, 2014 | Final Action Date: Oct 30, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2382-7:2000 [R2014], Information technology -Vocabulary -- Part 7: Computer Programming (reaffirm a national adoption INCITS/ISO/IEC 2382-7:2000 [2009])  
Public Review Date: Jun 13, 2014 | Final Action Date: Oct 30, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2382-9:1995 [R2013], Information technology -- Vocabulary - Part 9: Data Communication (reaffirm a national adoption INCITS/ISO/IEC 2382-9-1995 (R2008))  
Public Review Date: Jun 7, 2013 | Final Action Date: Oct 14, 2013 | [Approved](#)

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- ▶ INCITS/ISO/IEC 2382:2015 [R2020], Information technology -- Vocabulary (reaffirm a national adoption INCITS/ISO/IEC 2382:2015 [2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23912:2005 [S2020], Information Technology - 80 Mm (1,46 Gbytes Per Side) And 120 Mm (4,70 Gbytes Per Side) DVD Recordable Disk (DVD-R) (stabilized maintenance of INCITS/ISO/IEC 23912:2005 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 23917:2005 [R2020], Information technology -- Telecommunications and information exchange between systems -- NFCIP-1 -- Protocol Test Methods (reaffirm a national adoption INCITS/ISO/IEC 23917:2005 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 23988:2007 [S2018], Information technology -- A code of practice for the use of information technology (IT) in the delivery of assessments (stabilized maintenance of INCITS/ISO/IEC 23988:2007 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 6, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24700:2005 [R2018], Quality and performance of office equipment that contains reused components (reaffirm a national adoption INCITS/ISO/IEC 24700:2005 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24703:2004 [S2018], Information technology -- Participant Identifiers (stabilized maintenance of INCITS/ISO/IEC 24703:2004 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24707:2007 [R2018], Information technology Common Logic (CL): a framework for a family of logic-based languages (reaffirm a national adoption INCITS/ISO/IEC 24707:2007 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24709-1:2017 [2019], Information technology -- Conformance testing for the biometric application programming interface (BioAPI) -- Part 1: Methods and procedures (identical national adoption of ISO/IEC 24709-1:2017 and revision of INCITS/ISO/IEC 24709-1:2007 [R2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24709-3:2011 [R2021], Information technology -- Conformance testing for the biometric application programming interface (BioAPI) -- Part 3: Test assertions for BioAPI frameworks (reaffirm a national adoption INCITS/ISO/IEC 24709-3:2011 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24711-2015 [2018], Method for the determination of ink cartridge yield for colour inkjet printers and multi-function devices that contain printer components (identical national adoption of ISO/IEC 24711:2015 and revision of INCITS/ISO/IEC 24711:2007 [R2013])  
INCITS/ISO/IEC 24711:2007/Cor 1:2013)  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24711:2007/Cor 1:2013, Method for the determination of ink cartridge yield for colour inkjet printers and multi-function devices that contain printer components -- Technical Corrigendum 1 (identical national adoption of ISO/IEC 24711:2007/Cor 1:2012)  
PINS Date: May 31, 2013 | Public Review Date: Jul 5, 2013 | Final Action Date: Nov 8, 2013 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24711:2021 [2022], Information technology - Office equipment - Method for the determination of ink cartridge yield for colour inkjet printers and multi-function devices that contain printer components (identical national adoption of ISO/IEC 24711:2021 and revision of INCITS/ISO/IEC 24711:2015 [2018])  
PINS Date: Jun 24, 2022 | Public Review Date: Aug 5, 2022 | Final Action Date: Nov 11, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24712:2007 [R2018], Colour test pages for measurement of office equipment consumable yield (reaffirm a national adoption INCITS/ISO/IEC 24712:2007 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24713-1:2008 [R2019], Information technology - Biometric profiles for interoperability and data interchange - Part 1: Overview of biometric systems and biometric profiles (reaffirm a national adoption INCITS/ISO/IEC 24713-1:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 24713-3:2009 [R2020], Information technology - Biometric profiles for interoperability and data interchange - Part 3: Biometrics-based verification and identification of seafarers (reaffirm a national adoption INCITS/ISO/IEC 24713-3:2009 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24727-1:2014 [2018], Identification cards - Integrated circuit card programming interfaces - Part 1: Architecture (identical national adoption of ISO/IEC 24727-1:2014 and revision of INCITS/ISO/IEC 24727-1:2007 [R2013])  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24727-2:2008 [R2019], Identification cards - Programming Interfaces for Integrated Circuit Cards - Part 2: Generic card edge (reaffirm a national adoption INCITS/ISO/IEC 24727-2:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24727-3:2008 [R2019], Identification cards -Programming interfaces for Integrated Circuit Card - Part 3: Application interface (reaffirm a national adoption INCITS/ISO/IEC 24727-3:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24727-4:2008 [R2019], Identification cards - Integrated circuit card programming interfaces - Part 4: Application programming interface (API) administration (reaffirm a national adoption INCITS/ISO/IEC 24727-4:2008 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24734:2021 [2022], Information technology - Office equipment - Method for measuring digital printing productivity (identical national adoption of ISO/IEC 24734:2021 and revision of INCITS/ISO/IEC 24734:2014 [R2019])  
PINS Date: Jun 24, 2022 | Public Review Date: Aug 5, 2022 | Final Action Date: Nov 11, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24735:2021 [2022], Information technology - Office equipment - Method for measuring digital copying productivity (identical national adoption of ISO/IEC 24735:2021 and revision of INCITS/ISO/IEC 24735:2012 [R2018])  
PINS Date: Jun 24, 2022 | Public Review Date: Aug 5, 2022 | Final Action Date: Nov 11, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24745:2011 [R2022], Information technology - Security techniques - Biometric information protection (reaffirmation of INCITS/ISO/IEC 24745:2011 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24747:2009 [R2020], Information technology - Programming languages, their environments and system software interfaces - Extensions to the C Library to support mathematical special functions (reaffirm a national adoption INCITS/ISO/IEC 24747:2009 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24752-1:2014 [2019], Information technology -- User interfaces -- Universal remote console -- Part 1: General framework (identical national adoption of ISO/IEC 24752-1:2014 and revision of INCITS/ISO/IEC 24752-1:2008 [R2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24752-2:2014 [2019], Information technology -- User interfaces -- Universal remote console -- Part 2: User interface socket description (identical national adoption of ISO/IEC 24752-2:2014 and revision of INCITS/ISO/IEC 24752-2:2008 [R2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24752-4:2014 [2019], Information technology -- User interfaces -- Universal remote console -- Part 4: Target description (identical national adoption of ISO/IEC 24752-4:2014 and revision of INCITS/ISO/IEC 24752-4:2008 [R2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 24752-5:2014 [2019], Information technology -- User interfaces -- Universal remote console -- Part 5: Resource description (identical national adoption of ISO/IEC 24752-5:2014 and revision of INCITS/ISO/IEC 24752-5:2008 [R2014])

PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24754-1:2008 [R2018], Information technology -- Document description and processing languages -- Minimum requirements for specifying document rendering systems -- Part 1: Feature specifications for document rendering systems (reaffirm a national adoption INCITS/ISO/IEC 24754-1:2008 [2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24754-1:2008/COR 1:2011 [R2018], Information technology - Document description and processing languages - Minimum requirements for specifying document rendering systems - Part 1: Feature specifications for document rendering systems - TechnicalCorrigendum 1 (reaffirm a national adoption INCITS/ISO/IEC 24754-1:2008/COR 1:2011 [2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24754-1:2008/Cor 1:2013, Information technology -- Document description and processing languages -- Minimum requirements for specifying document rendering systems -- Part 1: Feature specifications for document rendering systems, Technical Corrigendum 1 (identical national adoption of ISO/IEC 24754-1:2008/Cor 1:2013)

Public Review Date: Jun 28, 2013 | Final Action Date: Sep 13, 2013 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24756:2009 [R2019], Information technology - Framework for specifying a common access profile (CAP) of needs and capabilities of users, systems, and their environments (reaffirm a national adoption INCITS/ISO/IEC 24756:2009 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24759:2017 [2018], Information technology - Security techniques - Test requirements for cryptographic modules (identical national adoption of INCITS/ISO/IEC 24759:2014[2014] and revision of INCITS/ISO/IEC 24759:2014 [2014])

PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24761:2009 [R2014], Information technology - Security techniques - Authentication context for biometrics (reaffirm a national adoption INCITS/ISO/IEC 24761:2009 [2009])

Public Review Date: Sep 5, 2014 | Final Action Date: Dec 5, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24761:2009 [R2019], Information technology - Security techniques - Authentication context for biometrics (reaffirm a national adoption INCITS/ISO/IEC 20009-1:2013 [2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24775-1:2021 [2022], Information technology - Storage management - Part 1: Overview (identical national adoption of ISO/IEC 24775-1:2021 and revision of INCITS/ISO/IEC 24775-1:2014 [R2021])

PINS Date: Apr 8, 2022 | Public Review Date: May 20, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24775-2:2021 [2022], Information technology - Storage management - Part 2: Common Architecture (identical national adoption of ISO/IEC 24775-2:2021 and revision of INCITS/ISO/IEC 24775-2:2014 [R2021])

PINS Date: Apr 8, 2022 | Public Review Date: May 20, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24775-3:2021 [2022], Information technology - Storage management - Part 3: Common profiles (identical national adoption of ISO/IEC 24775-3:2021 and revision of INCITS/ISO/IEC 24775-3:2014 [R2021])

PINS Date: Apr 8, 2022 | Public Review Date: May 20, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24775-4:2021 [2022], Information technology - Storage management - Part 4: Block devices (identical national adoption of ISO/IEC 24775-4:2021 and revision of INCITS/ISO/IEC 24775-4:2014 [R2021])

PINS Date: Apr 8, 2022 | Public Review Date: May 20, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 24775-5:2021 [2022], Information technology - Storage management - Part 5: File systems (identical national adoption of ISO/IEC 24775-5:2021 and revision of INCITS/ISO/IEC 24775-5:2014 [R2021])  
PINS Date: Apr 8, 2022 | Public Review Date: May 20, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24775-6:2021 [2022], Information technology - Storage management - Part 6: Fabric (identical national adoption of ISO/IEC 24775-6:2021 and revision of INCITS/ISO/IEC 24775-6:2014 [R2021])  
PINS Date: Apr 8, 2022 | Public Review Date: May 20, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24775-7:2021 [2022], Information technology - Storage management - Part 7: Host elements (identical national adoption of ISO/IEC 24775-7:2021 and revision of INCITS/ISO/IEC 24775-7:2014 [R2021])  
PINS Date: Apr 8, 2022 | Public Review Date: May 20, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24775-8:2021 [2022], Information technology - Storage management - Part 8: Media libraries (identical national adoption of ISO/IEC 24775-8:2021 and revision of INCITS/ISO/IEC 24775-8:2014 [R2021])  
PINS Date: Apr 8, 2022 | Public Review Date: May 20, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24779-4:2017 [2021], Information technology - Cross-jurisdictional and societal aspects of implementation of biometric technologies - Pictograms, icons and symbols for use with biometric systems - Part 4: Fingerprint applications (identical national adoption of ISO/IEC 24779-4:2017)  
PINS Date: May 28, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24779-5:2020 [2021], Information technology - Cross-jurisdictional and societal aspects of implementation of biometric technologies - Pictograms, icons and symbols for use with biometric systems - Part 5: Face applications (identical national adoption of ISO/IEC 24779-5:2020)  
PINS Date: May 28, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24787:2018 [2020], Information Technology - Identification Cards - On-Card Biometric Comparison (identical national adoption of ISO/IEC 24787:2018)  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24790:2017 [R2022], Information technology - Office equipment - Measurement of image quality attributes for hardcopy output - Monochrome text and graphic images (reaffirmation of INCITS/ISO/IEC 24790:2017 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24800-2:2021 [2022], Information technology - JPSearch - Part 2: Registration, identification and management of schema and ontology (identical national adoption of ISO/IEC 24800-2:2021)  
PINS Date: Mar 18, 2022 | Public Review Date: Apr 29, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24824-1:2007 [R2020], Information technology -- Generic applications of ASN.1: Fast infoset (reaffirm a national adoption INCITS/ISO/IEC 24824-1:2007 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24824-2:2006 [R2020], Information technology — Generic applications of ASN.1: Fast Web Services (reaffirm a national adoption INCITS/ISO/IEC 24824-2:2006 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 24824-3:2008 [R2020], Information technology -- Generic applications of ASN.1: Fast infoset security (reaffirm a national adoption INCITS/ISO/IEC 24824-3:2008 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 25062:2006 [S2017], Software engineering - Software product Quality Requirements and Evaluation (SQuARE) - Common Industry Format (CIF) for usability test reports (stabilized maintenance of INCITS/ISO/IEC 25062:2006 [R2012])  
Public Review Date: Jun 9, 2017 | Final Action Date: Dec 6, 2017 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 25185-1:2016 [2018], Identification cards - Integrated circuit card authentication protocols - Part 1: Protocol for Lightweight Authentication of Identity (identical national adoption of ISO/IEC 25185-1:2016)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 25434:2008 [R2014], Information technology - Data interchange on 120 mm and 80 mm optical disk using +R DL format - Capacity: 8,55 Gbytes and 2,66 Gbytes per side (recording speed up to 16X) (reaffirm a national adoption INCITS/ISO/IEC 25434:2008 [2009])  
Public Review Date: Jun 13, 2014 | Final Action Date: Nov 5, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 25434:2008 [R2019], Information technology -- Data interchange on 120 mm and 80 mm optical disk using +R DL format -- Capacity: 8,55 Gbytes and 2,66 Gbytes per side (recording speed up to 16X) (reaffirm a national adoption INCITS/ISO/IEC 24756:2009 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 25435:2006 [S2020], Data Interchange on 60 mm Read-Only ODC - Capacity: 1,8 Gbytes (UMDTM) (stabilized maintenance of INCITS/ISO/IEC 25435:2006 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 25436:2006 [R2020], Information technology -- Eiffel: Analysis, Design and Programming Language (reaffirm a national adoption INCITS/ISO/IEC 25436:2006 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 26300:2006 [R2022], Information technology - Open Document Format for Office Applications (OpenDocument) v1.0 (reaffirmation of INCITS/ISO/IEC 26300:2006 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 26300:2006/AM 1:2012 [R2018], Information technology - Open DocumentFormat for Office Applications (OpenDocument) v1.0 - Amendment 1 (reaffirm a national adoption INCITS/ISO/IEC 26300:2006/Amd 1:2012)  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 26300:2006/AM 1:2012/COR 1:2014 [R2020], Information technology - Open Document Format for Office Applications (OpenDocument) v1.0 - Amendment 1: Open Document Format for Office Applications (OpenDocument) v1.1 - Technical Corrigendum 1 (reaffirm a national adoption INCITS/ISO/IEC 26300:2006/Amd 1:2012/Cor 1:2014 [2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 26300:2006/COR 1:2010 [R2018], Information technology - Open DocumentFormat for Office Applications (OpenDocument) v1.0 - Technical Corrigendum 1 (reaffirm a national adoption INCITS/ISO/IEC 26300:2006/COR 1:2010 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 26300:2006/COR 2:2011 [R2018], Information technology - Open DocumentFormat for Office Applications (OpenDocument) v1.0 - Technical Corrigendum 2 (reaffirm a national adoption INCITS/ISO/IEC 26300:2006/COR 2:2011 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 26300:2006/COR 3:2014 [R2020], Information technology - Open Document for Office Applications (OpenDocument) v1.0 - Technical Corrigendum 3 (reaffirm a national adoption INCITS/ISO/IEC 26300:2006/COR 3:2014 [2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 26925:2009 [R2019], Information technology - Data interchange on 120 mm and 80 mm optical disk using +RW HS format - Capacity: 4,7 Gbytes and 1,46 Gbytes per side (recording speed 8X) (reaffirm a national adoption INCITS/ISO/IEC 26925:2009 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 27000:2018 [2019], Information technology -- Security techniques -- Information security management systems -- Overview and vocabulary (identical national adoption of ISO/IEC 27000:2018 and revision of INCITS/ISO/IEC 27000:2012 [2014])  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27001:2013 [R2019], Information technology - Security techniques - Information security management systems - Requirements (reaffirm a national adoption INCITS/ISO/IEC 27001:2013 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27001:2013/COR 1:2014 [2019], Information technology Security techniques Information security management systems Requirements - Technical Corrigendum 1 (identical national adoption of ISO/IEC 27001:2013/COR 1:2014)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27001:2013/COR 2:2015 [2018], Information technology - Security techniques - Information security management systems - Requirements - Technical Corrigendum 2 (identical national adoption of ISO/IEC 27001:2013/COR 2:2015)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27002:2013 [R2019], Information technology - Security techniques - Code of practice for information security controls (reaffirm a national adoption INCITS/ISO/IEC 27002:2013 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27002:2013/COR 2:2015 [2018], Information technology - Security techniques - Code of practice for information security controls - Technical Corrigendum 2 (identical national adoption of ISO/IEC 27002:2013/COR 2:2015)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27002:2022 [2022], Information security, cybersecurity and privacy protection - Information security controls (identical national adoption of ISO/IEC 27002:2022 and revision of INCITS/ISO/IEC 27002:2013 [R2019])  
INCITS/ISO/IEC 27002:2013/COR 1:2014 [2018]  
INCITS/ISO/IEC 27002:2013/COR 2:2015 [2018]  
PINS Date: Aug 26, 2022 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 28, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27003:2017 [R2022], Information technology - Security techniques - Information security management systems - Guidance (reaffirmation of INCITS/ISO/IEC 27003:2017 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27004-2009 [2015], Information technology - Security techniques - Information security management - Measurement (identical national adoption of ISO/IEC 27004:2009)  
PINS Date: Jun 4, 2010 | Public Review Date: Sep 30, 2011 | Final Action Date: Feb 20, 2015 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27004:2016 [2019], Information technology -- Security techniques -- Information security management -- Monitoring, measurement, analysis and evaluation (identical national adoption of ISO/IEC 27004:2016)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27005:2018 [2019], Information technology -- Security techniques -- Information security risk management (identical national adoption of ISO/IEC 27005:2018)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27006:2015 [R2022], Information technology - Security techniques - Requirements for bodies providing audit and certification of information security management systems (reaffirmation of INCITS/ISO/IEC 27006:2015 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 27007:2017 [2019], Information technology -- Security techniques -- Guidelines for information security management systems auditing (identical national adoption of ISO/IEC 27007:2017 and revision of INCITS/ISO/IEC 27007:2011 [R2017])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27009:2016 [2019], Information technology -- Security techniques -- Sector-specific application of ISO/IEC 27001 -- Requirements (identical national adoption of ISO/IEC 27009:2016)  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27010:2015 [R2022], Information technology - Security techniques - Information security management for inter-sector and inter-organizational communications (reaffirmation of INCITS/ISO/IEC 27010:2015 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27011:2016 [2019], Information technology -- Security techniques -- Code of practice for Information security controls based on ISO/IEC 27002 for telecommunications organizations (identical national adoption of ISO/IEC 27011:2016 and revision of INCITS/ISO/IEC 27011:2008 [R2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27011:2016/COR 1:2018 [2019], Information technology - Security techniques - Code of practice for Information security controls based on ISO/IEC 27002 for telecommunications organizations TECHNICAL CORRIGENDUM 1 (identical national adoption of ISO/IEC 27011:2016/Cor 1:2018)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27013:2021 [2022], Information security, cybersecurity and privacy protection - Guidance on the integrated implementation of ISO/IEC 27001 and ISO/IEC 20000-1 (identical national adoption of ISO/IEC 27013:2021 and revision of INCITS/ISO/IEC 27013:2015 [2018])  
PINS Date: Aug 26, 2022 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 28, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27018:2019 [2019], Information technology -- Security techniques -- Code of practice for protection of personally identifiable information (PII) in public clouds acting as PII processors (identical national adoption of ISO/IEC 27018:2019)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27019:2017 [2020], Information technology — Security techniques — Information security controls for the energy utility industry (identical national adoption of ISO/IEC 27019:2017)  
PINS Date: May 29, 2020 | Public Review Date: Jul 10, 2020 | Final Action Date: Sep 28, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27021:2017 [2022], Information technology - Security techniques - Competence requirements for information security management systems professionals (identical national adoption of ISO/IEC 27021:2017)  
PINS Date: Oct 29, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27021:2017/AM1:2021 [2022], Information technology - Security techniques - Competence requirements for information security management systems professionals - Amendment 1: Addition of ISO/IEC 27001:2013 clauses or subclauses to competence requirements (identical national adoption of ISO/IEC 27021:2017/AM1:2021)  
PINS Date: Aug 26, 2022 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 28, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27031:2011 [2022], Information technology - Security techniques - Guidelines for information and communication technology readiness for business continuity (identical national adoption of ISO/IEC 27031:2011)  
PINS Date: Oct 29, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27033-1:2015 [R2022], Information technology - Security techniques - Network security - Part 1: Overview and concepts (reaffirmation of INCITS/ISO/IEC 27033-1:2015 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 27033-2:2012 [R2019], Information technology - Security techniques - Network security - Part 2: Guidelines for the design and implementation of network security (reaffirm a national adoption INCITS/ISO/IEC 27033-2:2012 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 27033-3:2010 [R2022], Information technology - Security techniques - Network security - Part 3: Reference networking scenarios - Threats, design techniques and control issues (reaffirmation of INCITS/ISO/IEC 27033-3:2010 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)
- ▶ INCITS/ISO/IEC 27033-4-2014 [2018], Information technology -- Security techniques -- Network security -- Part 4: Securing communications between networks using security gateways (identical national adoption of ISO/IEC 27033-4:2014 and revision of INCITS/ISO/IEC 18028:3:2005 [R2013])  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)
- ▶ INCITS/ISO/IEC 27033-5:2013 [R2019], Information technology - Security techniques - Network security - Part 5: Securing communications across networks using Virtual Private Networks (VPNs) (reaffirm a national adoption INCITS/ISO/IEC 27033-5:2013 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 27033-6:2016 [2022], Information technology — Security techniques — Network security — Part 6: Securing wireless IP network access (identical national adoption of ISO/IEC 27033-6:2016)  
PINS Date: Sep 24, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)
- ▶ INCITS/ISO/IEC 27034-1:2011 [2022], Information technology - Security techniques - Application security - Part 1: Overview and concepts (identical national adoption of ISO/IEC 27034-1:2011)  
PINS Date: Oct 29, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)
- ▶ INCITS/ISO/IEC 27034-1:2011/COR1:2014 [2022], Information technology - Security techniques - Application security - Part 1: Overview and concepts - Technical Corrigendum 1 (identical national adoption of ISO/IEC 27034-1:2011/COR1:2014)  
PINS Date: Oct 29, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)
- ▶ INCITS/ISO/IEC 27034-2:2015 [2018], Information technology - Security techniques - Application security - Part 2: Organization normative framework (identical national adoption of ISO/IEC 27034-2:2015)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)
- ▶ INCITS/ISO/IEC 27034-3:2018 [2019], Information technology -- Application security -- Part 3: Application security management process (identical national adoption of ISO/IEC 27034-3:2018)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 27034-5:2017 [2019], Information technology -- Security techniques -- Application security -- Part 5: Protocols and application security controls data structure (identical national adoption of ISO/IEC 27034-5:2017)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 27034-6:2016 [2019], Information technology -- Security techniques -- Application security -- Part 6: Case studies (identical national adoption of ISO/IEC 27034-6:2016)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 27034-7:2018 [2019], Information technology -- Application security -- Part 7: Assurance prediction framework (identical national adoption of ISO/IEC 27034-7:2018)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 27035-1:2016 [2019], Information technology -- Security techniques -- Information security incident management -- Part 1: Principles of incident management (identical national adoption of ISO/IEC 27035-1:2016)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 27035-2:2016 [2019], Information technology -- Security techniques -- Information security incident management -- Part 2: Guidelines to plan and prepare for incident response (identical national adoption of ISO/IEC 27035-2:2016)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27036-1:2014 [2019], Information technology -- Security techniques -- Information security for supplier relationships -- Part 1: Overview and concepts (identical national adoption of ISO/IEC 27036-1:2014)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27036-2:2014 [2019], Information technology -- Security techniques -- Information security for supplier relationships -- Part 2: Requirements (identical national adoption of ISO/IEC 27036-2:2014)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27036-3:2013 [2019], Information technology -- Security techniques -- Information security for supplier relationships -- Part 3: Guidelines for information and communication technology supply chain security (identical national adoption of ISO/IEC 27036-3:2013)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27036-4:2016 [2019], Information technology -- Security techniques -- Information security for supplier relationships -- Part 4: Guidelines for security of cloud services (identical national adoption of ISO/IEC 27036-4:2016)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27037:2012 [R2019], Information technology - Security techniques - Guidelines for identification, collection, acquisition and preservation of digital evidence (reaffirm a national adoption INCITS/ISO/IEC 27037:2012 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27039:2015 [R2022], Information technology - Security techniques - Selection, deployment and operations of intrusion detection and prevention systems (IDPS) (reaffirmation of INCITS/ISO/IEC 27039:2015 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27040:2015 [R2022], Information technology - Security techniques - Storage security (reaffirmation of INCITS/ISO/IEC 27040:2015 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27041:2015 [R2022], Information technology - Security techniques - Guidance on assuring suitability and adequacy of incident investigative method (reaffirmation of INCITS/ISO/IEC 27041:2015 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27042:2015 [2018], Information technology - Security techniques - Guidelines for the analysis and interpretation of digital evidence (identical national adoption of ISO/IEC 27042:2015)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27043:2015 [R2022], Information technology - Security techniques - Incident investigation principles and processes (reaffirmation of INCITS/ISO/IEC 27043:2015 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27050-1:2016 [2019], Information technology -- Security techniques -- Electronic discovery -- Part 1: Overview and concepts (identical national adoption of ISO/IEC 27050-1:2016)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27050-2:2018 [2019], Information technology -- Electronic discovery -- Part 2: Guidance for governance and management of electronic discovery (identical national adoption of ISO/IEC 27050-2:2018)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 27070:2021 [2022], Information technology - Security techniques - Requirements for establishing virtualized roots of trust (identical national adoption of ISO/IEC 27070:2021)  
PINS Date: Aug 26, 2022 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 28, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27102:2019 [2020], Information security management — Guidelines for cyber-insurance (identical national adoption of ISO/IEC 27102:2019)  
PINS Date: May 29, 2020 | Public Review Date: Jul 10, 2020 | Final Action Date: Sep 28, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27400:2022 [2022], Cybersecurity - IoT security and privacy - Guidelines (identical national adoption of ISO/IEC 27400:2022)  
PINS Date: Aug 26, 2022 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 28, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 27701:2019 [2020], Security techniques - Extension to ISO/IEC 27001 and ISO/IEC 27002 for privacy information management - Requirements and guidelines (identical national adoption of ISO/IEC 27701:2019)  
PINS Date: Nov 29, 2019 | Public Review Date: Jan 31, 2020 | Final Action Date: Apr 2, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 28360-1:2021 [2022], Information Technology - Determination Of Chemical Emission Rates From Electronic Equipment - Part 1: Using Consumables (identical national adoption of ISO/IEC 28360-1:2021)  
PINS Date: Feb 18, 2022 | Public Review Date: Apr 8, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 28360-2:2018 [2022], Information technology - Office equipment - Determination of chemical emission rates from electronic equipment - Part 2: Not using-consumables (identical national adoption of ISO/IEC 28360-2:2018 and revision of INCITS/ISO/IEC 28360:2015 [2017])  
Public Review Date: Apr 8, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 28361:2007 [R2020], Information technology -- Telecommunications and information exchange between systems -- Near Field Communication Wired Interface (NFC-WI) (reaffirm a national adoption  
INCITS/ISO/IEC 28361:2007 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29100:2011 [R2022], Information technology - Security techniques - Privacy framework (reaffirmation of INCITS/ISO/IEC 29100:2011 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29100:2011/AM1:2018 [2019], Information technology - Security techniques - Privacy framework Amendment 1: Clarifications (identical national adoption of ISO/IEC 29100:2011/AM1:2018)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29101:2018 [2019], Information technology -- Security techniques -- Privacy architecture framework (identical national adoption of ISO/IEC 29101:2018)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29102:2015 (2017), Information technology - Office equipment - Method for the determination of ink cartridge photo yield for colour printing with inkjet printers and multi-function devices that contain inkjet printer components (identical national adoption of ISO/IEC 29102:2015 and revision of INCITS/ISO/IEC 29102:2011 [2012])  
PINS Date: Mar 18, 2016 | Public Review Date: Oct 7, 2016 | Final Action Date: Mar 28, 2017 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29102:2015 [R2022], Information technology - Office equipment - Method for the determination of ink cartridge photo yield for colour printing with inkjet printers and multi-function devices that contain inkjet printer components (reaffirmation of INCITS/ISO/IEC 29102:2015 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29103:2011 [R2022], Information technology - Office equipment - Colour photo test pages for measurement of ink cartridge yield for colour photo printing (reaffirmation of INCITS/ISO/IEC 29103:2011 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 29109-1:2009 [R2020], Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 - Part 1: Generalized conformance testing methodology (reaffirm a national adoption INCITS/ISO/IEC 29109-1:2009 [R2015])

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29109-1:2009/COR 1:2010 [R2019], Information technology - Conformance testing methodology for Biometric Data Interchange Records as defined in ISO/IEC 19794 - Part 1: Generalized conformance testing methodology - Technical Corrigendum 1 (reaffirm a national adoption INCITS/ISO/IEC 29109-1:2009/COR 1:2010 [2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Oct 29, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29109-10:2010 [R2021], Information technology -- Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 -- Part 10: Hand geometry silhouette data (reaffirm a national adoption INCITS/ISO/IEC 29109-10:2010 [R2016])

Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29109-2:2010 [R2020], Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 - Part 2: Finger minutiae data (reaffirm a national adoption INCITS/ISO/IEC 29109-2:2010 [R2015])

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29109-4:2010 [R2020], Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 - Part 4: Finger image data (reaffirm a national adoption INCITS/ISO/IEC 29109-4:2010 [R2015])

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29109-4:2010/COR 1:2011 [R2018], Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 - Part 4: Finger image data - Technical Corrigendum 1 (reaffirm a national adoption INCITS/ISO/IEC 29109-4:2010/COR 1:2011 [2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29109-5:2014, Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 - Part 5: Face image data (identical national adoption of ISO/IEC 29109-5:2014 and revision of INCITS/ISO/IEC 29109-5:2012 [2013])

PINS Date: Aug 15, 2014 | Public Review Date: Sep 19, 2014 | Final Action Date: Nov 18, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29109-5:2019 [2019], Information technology -- Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 -- Part 5: Face image data (identical national adoption of ISO/IEC 29109-5:2019 and revision of INCITS/ISO/IEC 29109-5:2014 [2014])

PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29109-6:2011 [R2018], Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 - Part 6: Iris image data (reaffirm a national adoption INCITS/ISO/IEC 29109-6:2011 [2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29109-7:2011 [R2018], Information technology -- Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 -- Part 7: Signature/sign time series data (reaffirm a national adoption INCITS/ISO/IEC 29109-7:2011 [2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29109-8:2011 [R2018], Information technology -- Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 -- Part 8: Finger pattern skeletal data (reaffirm a national adoption INCITS/ISO/IEC 29109-8:2011 [2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 29109-9:2011 [R2018], Information technology -- Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 -- Part 9: Vascular image data (reaffirm a national adoption INCITS/ISO/IEC 29109-9:2011 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29112:2018 [2020], Information technology - Office equipment - Test pages and methods for measuring monochrome printer resolution (identical national adoption of ISO/IEC 29112:2018)  
PINS Date: Feb 28, 2020 | Public Review Date: Apr 10, 2020 | Final Action Date: Jun 22, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29115:2013 [R2019], Information technology - Security techniques - Entity authentication assurance framework (reaffirm a national adoption INCITS/ISO/IEC 29115:2013 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29120-1:2015 [R2021], Information technology - Machine readable test data for biometric testing and reporting - Part 1: Test reports (reaffirm a national adoption INCITS/ISO/IEC 29120-1:2015 [2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29121:2018 [2019], Information technology -- Digitally recorded media for information interchange and storage -- Data migration method for optical disks for long-term data storage (identical national adoption of ISO/IEC 29121:2018 and revision of INCITS/ISO/IEC 29121:2013 [2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29128:2011 [R2022], Information technology - Security techniques - Verification of cryptographic protocols (reaffirmation of INCITS/ISO/IEC 29128:2011 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29134:2017 [2019], Information technology -- Security techniques -- Guidelines for privacy impact assessment (identical national adoption of ISO/IEC 29134:2017)  
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- ▶ INCITS/ISO/IEC 29136:2012 [R2022], Information Technology - User Interfaces - Accessibility Of Personal Computer Hardware (reaffirmation of INCITS/ISO/IEC 29136:2012 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29141:2009 [R2020], Information technology -- Biometrics -- Tenprint capture using biometric application programming interface (BioAPI) (reaffirm a national adoption INCITS/ISO/IEC 29141:2009 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29142-1:2013 [2018], Information technology -- Print cartridge characterization -- Part 1: General: terms, symbols, notations and cartridge characterization framework (reaffirm a national adoption INCITS/ISO/IEC 29142-1:2013 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29142-1:2021 [2022], Information technology - Print cartridge characterization - Part 1: General: terms, symbols, notations and cartridge characterization framework (identical national adoption of ISO/IEC 29142-1:2021 and revision of INCITS/ISO/IEC 29142-1:2013 [R2018])  
PINS Date: Jun 24, 2022 | Public Review Date: Aug 5, 2022 | Final Action Date: Nov 11, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29142-2:2013 [2018], Information technology -- Print cartridge characterization -- Part 2: Cartridge characterization data reporting (reaffirm a national adoption INCITS/ISO/IEC 29142-2:2013 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29142-3:2013 [2018], Information technology -- Print cartridge characterization -- Part 3: Environment (reaffirm a national adoption INCITS/ISO/IEC 29142-3:2013 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 29146:2016 [2019], Information technology -- Security techniques -- A framework for access management (identical national adoption of ISO/IEC 29146:2016)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29147:2018 [2019], Information technology -- Security techniques -- Vulnerability disclosure (identical national adoption of ISO/IEC 29147:2018)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29150:2011 [R2022], Information technology - Security techniques - Signcryption (reaffirmation of INCITS/ISO/IEC 29150:2011 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29150:2011/COR1:2014 [2022], Information technology - Security techniques - Signcryption - Technical Corrigendum 1 (identical national adoption of ISO/IEC 29150:2011/COR1:2014)  
PINS Date: Oct 29, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29151:2017 [2022], Information Technology - Security Techniques - Code Of Practice For Personally Identifiable Information Protection (identical national adoption of ISO/IEC 29151:2017)  
PINS Date: Sep 24, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29159-1:2010 [R2021], Information technology -- Biometric calibration, augmentation, and fusion data -- Part 1: Fusion information format (reaffirm a national adoption INCITS/ISO/IEC 29159-1:2010 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29164:2011 [R2018], Information technology - Biometrics - Embedded BioAPI (reaffirm a national adoption INCITS/ISO/IEC 29164:2011 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29170-2:2015 [2021], Information technology - Advanced image coding and evaluation - Part 2: Evaluation procedure for nearly lossless coding (identical national adoption of ISO/IEC 29170-2:2015)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29170-2:2015/AM1:2020 [2021], Information technology - Advanced image coding and evaluation - Part 2: Evaluation procedure for nearly lossless coding - Amendment 1: Evaluation procedure parameters for nearly lossless coding of high dynamic range media and image sequences (identical national adoption of ISO/IEC 29170-2:2015/AM1:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29171:2009 [S2020], Information technology - Digitally recorded media for information interchange and storage - Information Versatile Disk for Removable usage (iVDR) cartridge (stabilized maintenance of INCITS/ISO/IEC 29171:2009 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29182-1:2013 [R2019], Information technology - Sensor networks: Sensor Network Reference Architecture (SNRA) - Part 1: General overview and requirements (reaffirm a national adoption INCITS/ISO/IEC 29182-1:2013 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29182-2:2013 [R2019], Information technology - Sensor networks: Sensor Network Reference Architecture (SNRA) - Part 2: Vocabulary and terminology (reaffirm a national adoption INCITS/ISO/IEC 29182-2:2013 [2014])  
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- ▶ INCITS/ISO/IEC 29182-3:2014 [R2019], Information technology - Sensor networks: Sensor Network Reference Architecture (SNRA) - Part 3: Reference architecture views (reaffirm a national adoption INCITS/ISO/IEC 29182-3:2014 [2014])  
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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 29182-4:2013 [R2019], Information technology - Sensor networks: Sensor Network Reference Architecture (SNRA) - Part 4: Entity models (reaffirm a national adoption INCITS/ISO/IEC 29182-4:2013 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29182-5:2013 [R2019], Information technology - Sensor networks: Sensor Network Reference Architecture (SNRA) - Part 5: Interface definitions (reaffirm a national adoption INCITS/ISO/IEC 29182-5:2013 [2014])  
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- ▶ INCITS/ISO/IEC 29182-6:2014 [R2019], Information technology - Sensor networks: Sensor Network Reference Architecture (SNRA) - Part 6: Application Profiles (reaffirm a national adoption INCITS/ISO/IEC 29182-6:2014 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29182-7:2015 [2021], Information technology - Sensor networks: Sensor Network Reference Architecture (SNRA) - Part 7: Interoperability guidelines (identical national adoption of ISO/IEC 29182-7:2015)  
PINS Date: Apr 30, 2021 | Public Review Date: Jun 11, 2021 | Final Action Date: Sep 7, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29183:2021 [2021], Information technology - Office equipment - Method for measuring digital copying productivity for a single one-sided original (identical national adoption of ISO/IEC 29183:2021 and revision of INCITS/ISO/IEC 29183:2010 [R2021])  
PINS Date: Aug 27, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 22, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29190:2015 [2018], Information technology - Security techniques - Privacy capability assessment model (identical national adoption of ISO/IEC 29190:2015)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29191:2012 [R2019], Information technology - Security techniques - Requirements for partially anonymous, partially unlinkable authentication (reaffirm a national adoption INCITS/ISO/IEC 29191:2012 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29192-1:2012 [2022], Information technology - Security techniques - Lightweight cryptography - Part 1: General (identical national adoption of ISO/IEC 29192-1:2012)  
PINS Date: Oct 29, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29192-2:2019 [2022], Information security - Lightweight cryptography - Part 2: Block ciphers (identical national adoption of ISO/IEC 29192-2:2019 and revision of INCITS/ISO/IEC 29192-2:2012 [R2017])  
PINS Date: Feb 18, 2022 | Public Review Date: Apr 8, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29192-3:2012 [R2019], Information technology - Security techniques - Lightweight cryptography - Part 3: Stream ciphers (reaffirm a national adoption INCITS/ISO/IEC 29192-3:2012 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29192-4:2013 [R2019], Information technology - Security techniques - Lightweight cryptography - Part 4: Mechanisms using asymmetric techniques (reaffirm a national adoption INCITS/ISO/IEC 29192-4:2013 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29192-4:2013/AM 1:2016 [2019], Information technology - Security techniques - Lightweight cryptography - Part 4: Mechanisms using asymmetric techniques (identical national adoption of ISO/IEC 29192-4:2013/AM 1:2016)  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29192-5:2016 [2019], Information technology -- Security techniques -- Lightweight cryptography -- Part 5: Hash-functions (identical national adoption of ISO/IEC 29192-5:2016)  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29192-6:2019 [2020], Information technology — Lightweight cryptography — Part 6: Message authentication codes (MACs) (identical national adoption of ISO/IEC 29192-6:2019)  
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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 29192-7:2019 [2020], Information security — Lightweight cryptography — Part 7: Broadcast authentication protocols (identical national adoption of ISO/IEC 29192-7:2019)  
PINS Date: May 29, 2020 | Public Review Date: Jul 10, 2020 | Final Action Date: Sep 28, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29197:2015 [R2021], Information technology - Evaluation methodology for environmental influence in biometric system performance (reaffirm a national adoption INCITS/ISO/IEC 29197:2015 [2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29199-2:2020 [2021], Information technology - JPEG XR image coding system - Part 2: Image coding specification (identical national adoption of ISO/IEC 29199-2:2020)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29361:2008 [R2019], Information technology - Web Services Interoperability - WS-I Basic Profile Version 1.1 (reaffirm a national adoption INCITS/ISO/IEC 29361:2008 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29362-2014, Information technology - Web Services Interoperability - WS-I Attachments Profile Version 1.0 (identical national adoption of ISO/IEC 29362:2008)  
PINS Date: Nov 15, 2013 | Public Review Date: Dec 20, 2013 | Final Action Date: May 13, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29363-2014, Information technology - Web Services Interoperability - WS-I Simple SOAP Binding Profile Version 1.0 (identical national adoption of ISO/IEC 29363:2008)  
PINS Date: Nov 15, 2013 | Public Review Date: Dec 20, 2013 | Final Action Date: May 13, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29500-1-2016 [2018], Information technology -- Document description and processing languages -- Office Open XML File Formats -- Part 1: Fundamentals and Markup Language Reference (identical national adoption of ISO/IEC 29500-1:2016 and revision of INCITS/ISO/IEC 29500-1:2012 [2013])  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29500-2:2012 [R2018], Information technology - Document description andprocessing languages - Office Open XML File Formats - Part 2: Open Packaging Conventions (reaffirm a national adoption INCITS/ISO/IEC 29500-2:2012 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29500-3-2015 [2018], Information technology -- Document description and processing languages -- Office Open XML File Formats -- Part 3: Markup Compatibility and Extensibility (identical national adoption of ISO/IEC 29500-3:2015 and revision of INCITS/ISO/IEC 29500-3:2012 [2013])  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29500-4-2016 [2018], Information technology -- Document description and processing languages -- Office Open XML File Formats -- Part 4: Transitional Migration Features (identical national adoption of ISO/IEC 29500-4:2016 and revision of INCITS/ISO/IEC 29500-4:2012 [2013])  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29642:2009 [R2019], Information technology - Data interchange on 120 mm and 80 mm optical disk using +RW DL format - Capacity: 8,55 Gbytes and 2,66 Gbytes per side (recording speed 2,4x) (reaffirm a national adoption INCITS/ISO/IEC 29642:2009 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29794-1:2016 [2020], Information technology - Biometric sample quality - Part 1: Framework (identical national adoption of ISO/IEC 29794-1:2016 and revision of INCITS/ISO/IEC 29794-1:2009 [R2015])  
PINS Date: Feb 28, 2020 | Public Review Date: Apr 10, 2020 | Final Action Date: Jun 22, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 29794-4:2017 [2020], Information Technology - Biometric Sample Quality - Part 4: Finger Image Data (identical national adoption of ISO/IEC 29794-4:2017)  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Sep 24, 2020 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 30101:2014 [2021], Information technology - Sensor networks: Sensor network and its interfaces for smart grid system (identical national adoption of ISO/IEC 30101:2014)  
PINS Date: Apr 30, 2021 | Public Review Date: Jun 11, 2021 | Final Action Date: Sep 7, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 30105-1:2016 [2018], Information technology -- IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes -- Part 1: Process reference model (PRM) (identical national adoption of ISO/IEC 30105-1:2016)  
PINS Date: Feb 23, 2018 | Public Review Date: May 4, 2018 | Final Action Date: Sep 6, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 30105-2:2016 [2018], Information technology -- IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes -- Part 2: Process assessment model (PAM) (identical national adoption of ISO/IEC 30105-2:2016)  
PINS Date: Feb 23, 2018 | Public Review Date: May 4, 2018 | Final Action Date: Sep 6, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 30105-3:2016 [2018], Information technology -- IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes -- Part 3: Measurement framework (MF) and organization maturity model (OMM) (identical national adoption of ISO/IEC 30105-3:2016)  
PINS Date: Feb 23, 2018 | Public Review Date: May 4, 2018 | Final Action Date: Aug 13, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 30105-4:2016 [2018], Information technology -- IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes -- Part 4: Terms and concepts (identical national adoption of ISO/IEC 30105-4:2016)  
PINS Date: Feb 23, 2018 | Public Review Date: May 4, 2018 | Final Action Date: Sep 6, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 30105-5:2016 [2018], Information technology -- IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes -- Part 5: Guidelines (identical national adoption of ISO/IEC 30105-5:2016)  
PINS Date: Feb 23, 2018 | Public Review Date: May 4, 2018 | Final Action Date: Sep 6, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 30106-1:2016 [2021], Information technology - Object oriented BioAPI - Part 1: Architecture (identical national adoption of ISO/IEC 30106-1:2016)  
PINS Date: May 28, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 30106-1:2016/AM1:2019 [2021], Information technology - Object oriented BioAPI - Part 1: Architecture - Amendment 1: Additional specifications and conformance statements (identical national adoption of ISO/IEC 30106-1:2016/AM1:2019)  
PINS Date: May 28, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 30106-2:2020 [2021], Information technology - Object oriented BioAPI - Part 2: Java implementation (identical national adoption of ISO/IEC 30106-2:2020)  
PINS Date: May 28, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 30106-3:2020 [2021], Information technology - Object oriented BioAPI - Part 3: C implementation (identical national adoption of ISO/IEC 30106-3:2020)  
PINS Date: May 28, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 30106-4:2019 [2021], Information technology - Object oriented BioAPI - Part 4: C++ implementation (identical national adoption of ISO/IEC 30106-4:2019)  
PINS Date: May 28, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 30107-1:2016 [2021], Information technology - Biometric presentation attack detection - Part 1: Framework (identical national adoption of ISO/IEC 30107-1:2016)  
PINS Date: May 28, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 30107-2:2017 [2021], Information technology - Biometric presentation attack detection - Part 2: Data formats (identical national adoption of ISO/IEC 30107-2:2017)  
PINS Date: May 28, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 30107-3:2017 [2021], Information technology - Biometric presentation attack detection - Part 3: Testing and reporting (identical national adoption of ISO/IEC 30107-3:2017)  
PINS Date: May 28, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 30107-4:2020 [2021], Information technology - Biometric presentation attack detection - Part 4: Profile for testing of mobile devices (identical national adoption of ISO/IEC 30107-4:2020)  
PINS Date: May 28, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 30111:2013 [R2019], Information technology - Security techniques - Lightweight cryptography - Part 4: Mechanisms using asymmetric techniques (reaffirm a national adoption INCITS/ISO/IEC 30111:2013 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 30128:2014 [2021], Information technology - Sensor networks - Generic Sensor Network Application Interface (identical national adoption of ISO/IEC 30128:2014)  
PINS Date: Apr 30, 2021 | Public Review Date: Jun 11, 2021 | Final Action Date: Sep 7, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 30134-1:2016 [2022], Information technology - Data centres - Key performance indicators - Part 1: Overview and general requirements (identical national adoption of ISO/IEC 30134-1:2016)  
PINS Date: Sep 24, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)
- ▶ INCITS/ISO/IEC 30134-1:2016/AM1:2018 [2022], Information technology - Data centres - Key performance indicators - Part 1: Overview and general requirements - Amendment 1 (identical national adoption of ISO/IEC 30134-1:2016/AM1:2018)  
PINS Date: Sep 24, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)
- ▶ INCITS/ISO/IEC 30134-2:2016 [2022], Information technology - Data centres - Key performance indicators - Part 2: Power usage effectiveness (PUE) (identical national adoption of ISO/IEC 30134-2:2016)  
PINS Date: Sep 24, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)
- ▶ INCITS/ISO/IEC 30134-2:2016/AM1:2018 [2022], Information technology - Data centres - Key performance indicators - Part 2: Power usage effectiveness (PUE) - Amendment 1 (identical national adoption of ISO/IEC 30134-2:2016/AM1:2018)  
PINS Date: Sep 24, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)
- ▶ INCITS/ISO/IEC 30134-3:2016 [2022], Information technology - Data centres - Key performance indicators - Part 3: Renewable energy factor (REF) (identical national adoption of ISO/IEC 30134-3:2016)  
PINS Date: Sep 24, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)
- ▶ INCITS/ISO/IEC 30134-3:2016/AM1:2018 [2022], Information technology - Data centres - Key performance indicators - Part 3: Renewable energy factor (REF) - Amendment 1 (identical national adoption of ISO/IEC 30134-3:2016/AM1:2018)  
PINS Date: Sep 24, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)
- ▶ INCITS/ISO/IEC 30134-4:2017 [2019], Information technology -- Data centres -- Key performance indicators -- Part 4: IT Equipment Energy Efficiency for servers (ITEEsv) (identical national adoption of ISO/IEC 30134-4:2017)  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 30134-5:2017 [2019], Information technology -- Data centres -- Key performance indicators -- Part 5: IT Equipment Utilization for servers (ITEUsv) (identical national adoption of ISO/IEC 30134-5:2017)  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 30136:2018 [2021], Information technology - Performance testing of biometric template protection schemes (identical national adoption of ISO/IEC 30136:2018)  
PINS Date: May 28, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)

**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 30137-1:2019 [2021], Information technology - Use of biometrics in video surveillance systems - Part 1: System design and specification (identical national adoption of ISO/IEC 30137-1:2019)  
PINS Date: May 28, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 30137-4:2021 [2022], Information technology - Use of biometrics in video surveillance systems - Part 4: Ground truth and video annotation procedure (identical national adoption of ISO/IEC 30137-4:2021)  
PINS Date: Aug 26, 2022 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 28, 2022 | [Approved](#)
- ▶ INCITS/ISO/IEC 30140-1:2018 [2021], Information technology - Underwater acoustic sensor network (UWASN) - Part 1: Overview and requirements (identical national adoption of ISO/IEC 30140-1:2018)  
PINS Date: Apr 30, 2021 | Public Review Date: Jun 11, 2021 | Final Action Date: Sep 7, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 30140-3:2018 [2021], Information technology - Underwater acoustic sensor network (UWASN) - Part 3: Entities and interface (identical national adoption of ISO/IEC 30140-3:2018)  
PINS Date: Apr 30, 2021 | Public Review Date: Jun 11, 2021 | Final Action Date: Sep 7, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 30140-4:2018 [2021], Information technology - Underwater acoustic sensor network (UWASN) - Part 4: Interoperability (identical national adoption of ISO/IEC 30140-4:2018)  
PINS Date: Apr 30, 2021 | Public Review Date: Jun 11, 2021 | Final Action Date: Sep 7, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 30141:2018 [2021], Internet of Things (IoT) - Reference Architecture (identical national adoption of ISO/IEC 30141:2018)  
PINS Date: Apr 30, 2021 | Public Review Date: Jun 11, 2021 | Final Action Date: Sep 7, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 30141:2018/COR1:2018 [2021], Internet of Things (IoT) - Reference Architecture - Technical Corrigendum 1 (identical national adoption of ISO/IEC 30141:2018/COR1:2018)  
PINS Date: Apr 30, 2021 | Public Review Date: Jun 11, 2021 | Final Action Date: Sep 7, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 30142:2020 [2021], Information technology - Underwater acoustic sensor network (UWASN) - Network management system overview and requirements (identical national adoption of ISO/IEC 30142:2020)  
PINS Date: Apr 30, 2021 | Public Review Date: Jun 11, 2021 | Final Action Date: Sep 7, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 30143:2020 [2021], Information technology - Underwater acoustic sensor network (UWASN) - Application profiles (identical national adoption of ISO/IEC 30143:2020)  
PINS Date: Apr 30, 2021 | Public Review Date: Jun 11, 2021 | Final Action Date: Sep 7, 2021 | [Approved](#)
- ▶ INCITS/ISO/IEC 30147:2021 [2022], Information technology - Internet of things - Methodology for trustworthiness of IoT system/service (identical national adoption of ISO/IEC 30147:2021)  
PINS Date: Apr 8, 2022 | Public Review Date: May 20, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)
- ▶ INCITS/ISO/IEC 30165:2021 [2022], Internet of Things (IoT) - Real-time IoT framework (identical national adoption of ISO/IEC 30165:2021)  
PINS Date: Apr 8, 2022 | Public Review Date: May 20, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)
- ▶ INCITS/ISO/IEC 3791:1976 [S2018], Office machines and data processing equipment -- Keyboard layouts for numeric applications (stabilized maintenance of INCITS/ISO/IEC 3791:1976 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 6, 2018 | [Approved](#)
- ▶ INCITS/ISO/IEC 38500:2015 [R2022], Information technology - Governance of IT for the organization (reaffirmation of INCITS/ISO/IEC 38500:2015 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)
- ▶ INCITS/ISO/IEC 38505-1:2017 [2018], Information technology -- Governance of IT -- Governance of data -- Part 1: Application of ISO/IEC 38500 to the governance of data (identical national adoption of ISO/IEC 38505-1:2017)  
PINS Date: Oct 13, 2017 | Public Review Date: Dec 22, 2017 | Final Action Date: Mar 16, 2018 | [Approved](#)

**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 38507:2022 [2022], Information technology - Governance of IT - Governance implications of the use of artificial intelligence by organizations (identical national adoption of ISO/IEC 38507:2022)  
PINS Date: Jul 22, 2022 | Public Review Date: Sep 2, 2022 | Final Action Date: Dec 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 39794-1:2019 [2021], Information technology - Extensible biometric data interchange formats - Part 1: Framework (identical national adoption of ISO/IEC 39794-1:2019)  
PINS Date: May 28, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 39794-16:2021 [2022], Information technology - Extensible biometric data interchange formats - Part 16: Full body image data (identical national adoption of ISO/IEC 39794-16:2021)  
PINS Date: Aug 26, 2022 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 28, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 39794-17:2021 [2022], Information technology - Extensible biometric data interchange formats - Part 17: Gait image sequence data (identical national adoption of ISO/IEC 39794-17:2021)  
PINS Date: Aug 26, 2022 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 28, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 39794-4:2019 [2021], Information technology - Extensible biometric data interchange formats - Part 4: Finger image data (identical national adoption of ISO/IEC 39794-4:2019)  
PINS Date: May 28, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 39794-5:2019 [2021], Information technology - Extensible biometric data interchange formats - Part 5: Face image data (identical national adoption of ISO/IEC 39794-5:2019)  
PINS Date: May 28, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 39794-6:2021 [2021], Information technology - Extensible biometric data interchange formats - Part 6: Iris image data (identical national adoption of ISO/IEC 39794-6:2021)  
PINS Date: May 28, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 39794-9:2021 [2022], Information technology - Extensible biometric data interchange formats - Part 9: Vascular image data (identical national adoption of ISO/IEC 39794-9:2021)  
PINS Date: Aug 26, 2022 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 28, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 40180:2017 [2018], Information technology -- Learning, education and training -- Quality management, assurance and metrics -- Part 1: General approach (identical national adoption of ISO/IEC 40180:2017 and revision of INCITS/ISO/IEC 19796-1:2005 [R2013])  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 40210:2011 [R2019], Information technology - W3C SOAP Version 1.2 - Part 1: Messaging Framework (Second Edition) (reaffirm a national adoption INCITS/ISO/IEC 40210:2011 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 40220:2011 [R2019], Information technology - W3C SOAP Version 1.2 - Part 2: Adjuncts (Second Edition) (reaffirm a national adoption INCITS/ISO/IEC 40220:2011 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 40230:2011 [R2019], Information technology - W3C SOAP Message Transmission Optimization Mechanism (reaffirm a national adoption INCITS/ISO/IEC 40230:2011 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 40240:2011 [R2019], Information technology - W3C Web Services Addressing 1.0 - Core (reaffirm a national adoption INCITS/ISO/IEC 40240:2011 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 40250:2011 [R2019], Information technology - W3C Web Services Addressing 1.0 - SOAP Binding (reaffirm a national adoption INCITS/ISO/IEC 40250:2011 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 40260:2011 [R2019], Information technology - W3C Web Services Addressing 1.0 - Metadata (reaffirm a national adoption INCITS/ISO/IEC 40260:2011 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 40270:2011 [R2019], Information technology - W3C Web Services Policy 1.5 - Framework (reaffirm a national adoption INCITS/ISO/IEC 40270:2011 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 40280:2011 [R2019], Information technology - W3C Web Services Policy 1.5 - Attachment (reaffirm a national adoption INCITS/ISO/IEC 40280:2011 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 40314:2016 [2018], Information technology - Mathematical Markup Language (MathML) Version 3.0 (identical national adoption of ISO/IEC 40314:2016)  
PINS Date: Aug 11, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 40500:2012 [R2019], Information technology -- W3C Web Content Accessibility Guidelines (WCAG) 2.0 (reaffirm a national adoption INCITS/ISO/IEC 40500:2012 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 4873:1991 [R2018], Information technology -- ISO 8-bit code for information interchange -- Structure and rules for implementation (reaffirm a national adoption INCITS/ISO/IEC 4873:1991 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 4909:2006 [R2021], Identification cards -- Financial transaction cards -- Magnetic stripe data content for track 3 (reaffirm a national adoption INCITS/ISO/IEC 4909:2006 [R2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 5138-1-1978 [S2009], Information technology - Office Machines - Office Machines - Vocabulary - Part 01: Dictation Equipment (stabilized maintenance of INCITS/ISO/IEC 5138-1-1978 (R2004))  
Public Review Date: Jan 30, 2009 | Final Action Date: Apr 24, 2009 | [Approved](#)

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- ▶ INCITS/ISO/IEC 5218:2004 [R2019], Information Interchange - Representation of Human Sexes (reaffirm a national adoption INCITS/ISO/IEC 5218:2004 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 5807:1985 [S2013], Information Processing – Documentation Symbols and Conventions for Data, Program and Systems Flowcharts, Program Network Charts, and System Resources Charts (stabilized maintenance of INCITS/ISO 5807-1985 (R2008))  
Public Review Date: Jun 7, 2013 | Final Action Date: Oct 14, 2013 | [Approved](#)

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- ▶ INCITS/ISO/IEC 6429:1992 [S2017], Information technology - Control functions for coded character sets (stabilized maintenance of INCITS/ISO/IEC 6429-1992)  
Public Review Date: Oct 5, 2007 | Final Action Date: Dec 6, 2007 | [Approved](#)

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- ▶ INCITS/ISO/IEC 646:1991 [R2018], Information technology -- ISO 7-bit coded character set for information interchange (reaffirm a national adoption INCITS/ISO/IEC 646:1991 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 6523-1:1998 [R2019], Information technology - Structure for the identification of organizations and organization parts - Part 1: Identification of organization identification schemes (reaffirm a national adoption INCITS/ISO/IEC 6523-1:1998 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 6523-2:1998 [R2019], Information technology -- Structure for the identification of organizations and organization parts -- Part 2: Registration of organization identification schemes (reaffirm a national adoption INCITS/ISO/IEC 6523-2:1998 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 6596-2-1985 [S2012], Information Processing - Data Interchange on 130 mm (5.25 in) Flexible Disk Cartridges using Two-Frequency Recording at 7 958 ftprd, 1,9 tpmm (48 tpi), on One Side - Part 2: Track Format (stabilized maintenance of INCITS/ISO/IEC 6596-2-1985 (R2007))

Public Review Date: Jun 8, 2012 | Final Action Date: Aug 20, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 6937:2001 [R2022], Information technology - Coded graphic character set for text communication - Latin alphabet (reaffirmation of INCITS/ISO/IEC 6937:2001 [R2017])

Public Review Date: May 13, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 7185:1990 [S2018], Programming Language PASCAL (stabilized maintenance of INCITS/ISO/IEC 7185-1990 (R2003))

Public Review Date: Feb 1, 2008 | Final Action Date: Jun 30, 2008 | [Approved](#)

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- ▶ INCITS/ISO/IEC 7350:1991 [R2018], Information technology -- Registration of repertoires of graphic characters from ISO/IEC 10367 (reaffirm a national adoption INCITS/ISO/IEC 7350:1991 [R2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 7487-1:1993 [S2020], Information technology -- Data interchange on 130 mm (5.25 in) flexible disk cartridges using modified frequency modulation recording at 7 958 ftprd, 1,9 tpmm (48 tpi), on both sides -- ISO type 202 -- Part 1: Dimensional, physical and magnetic characteristics (stabilized maintenance of INCITS/ISO/IEC 7487-1:1993 [R2015])

Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 7487-3-1986 [S2012], Information Processing - Data Interchange on 130 mm (5.25 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 7 958 ftprd, 1,9 tpmm (48 tpi), on both sides - Part 3: Track Format B (stabilized maintenance of INCITS/ISO/IEC 7487-3-1986 (R2007))

Public Review Date: Jun 8, 2012 | Final Action Date: Aug 20, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 7501-1:2008 [R2019], Identification cards - Machine readable travel documents - Part 1: Machine readable passport (reaffirm a national adoption INCITS/ISO/IEC 7501-1:2008 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 7501-2:1997 [R2018], Identification Cards - Machine Readable Travel Documents - Part 2: Machine Readable Visa (reaffirm a national adoption INCITS/ISO/IEC 7501-2:1997 [R2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 7501-3:2005 [R2019], Identification cards - Machine readable travel documents - Part 3: Machine readable official travel documents (reaffirm a national adoption INCITS/ISO/IEC 7501-3:2005 [R2014])

Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 7810:2019 [2020], Identification Cards - Physical Characteristics (identical national adoption of ISO/IEC 7810:2019 and revision of INCITS/ISO/IEC 7810:2003 [R2018])

PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Sep 24, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 7811-1:2018 [2020], Identification cards - Recording technique - Part 1: Embossing (identical national adoption of ISO/IEC 7811-1:2018 and revision of INCITS/ISO/IEC 7811-1:2014 [2015])

PINS Date: Feb 28, 2020 | Public Review Date: Apr 10, 2020 | Final Action Date: Jun 22, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 7811-2:2018 [2020], Identification Cards - Recording Technique - Part 2: Magnetic Stripe: Low Coercivity (identical national adoption of ISO/IEC 7811-2:2018 and revision of INCITS/ISO/IEC 7811-2:2014 [2016])

PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 7811-6:2018 [2020], Identification cards - Recording technique - Part 6: Magnetic stripe: High coercivity (identical national adoption of ISO/IEC 7811-6:2018 and revision of INCITS/ISO/IEC 7811-6:2014 [2015])  
PINS Date: Feb 28, 2020 | Public Review Date: Apr 10, 2020 | Final Action Date: Jun 22, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 7811-7:2018 [2019], Identification cards -- Recording technique -- Part 7: Magnetic stripe: High coercivity, high density (identical national adoption of ISO/IEC 7811-7:2018 and revision of INCITS/ISO/IEC 7811-7:2014)  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 7811-8:2014 [R2021], Identification cards - Recording technique - Part 8: Magnetic stripe - Coercivity of 51,7 kA/m (650 Oe) (reaffirm a national adoption INCITS/ISO/IEC 7811-8:2014 [2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 7811-9:2015 [R2021], Identification cards - Recording technique - Part 9: Tactile identifier mark (reaffirm a national adoption INCITS/ISO/IEC 7811-9:2015 [2016])  
Public Review Date: Apr 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 7812-1:2017 [2021], Identification Cards - Identification Of Issuers - Part 1: Numbering System (identical national adoption of ISO/IEC 7812-1:2017 and revision of INCITS/ISO/IEC 7812-1:2015 [2016])  
PINS Date: Feb 12, 2021 | Public Review Date: Mar 26, 2021 | Final Action Date: Aug 9, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 7812-2:2007 [R2018], Identification Cards - Identification of Issuers - Part 2: Application and Registration Procedures (reaffirm a national adoption INCITS/ISO/IEC 7812-2:2007 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 7813:2006 [R2019], Information technology - Identification cards - Financial transaction cards (reaffirm a national adoption INCITS/ISO/IEC 7813:2006 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Jan 28, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 7816-1:2011 [R2019], Identification cards - Integrated circuit(s) cards with contacts - Part 1: Physical characteristics (reaffirm a national adoption INCITS/ISO/IEC 7816-1:2011 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 7816-10:1999 [R2019], ID Cards - Integrated circuit cards with contacts - Part 10: Electronic signal and answer to reset for synchronous cards (reaffirm a national adoption INCITS/ISO/IEC 7816-10:1999 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 7816-11:2022 [2022], Identification cards - Integrated circuit cards - Part 11: Personal verification through biometric methods (identical national adoption of ISO/IEC 7816-11:2022 and revision of INCITS/ISO/IEC 7816-11:2017 [2019])  
PINS Date: Jun 24, 2022 | Public Review Date: Aug 5, 2022 | Final Action Date: Nov 11, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 7816-12:2005 [R2018], Identification cards - Integrated circuit cards - Part 12: Cards with contacts -- USB electrical interface and operating procedures (reaffirm a national adoption INCITS/ISO/IEC 7816-12:2005 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 7816-13:2007 [R2018], Identification cards - Integrated circuit cards - Part 13: Commands for application management in multi application environment (reaffirm a national adoption INCITS/ISO/IEC 7816-13:2007 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 7816-15:2004/AM 1:2007 [R2016], Identification cards -- Integrated circuit cards -- Part 15: Cryptographic information application - Amendment 1: Examples of the use of the cryptographic information application (reaffirm a national adoption INCITS/ISO/IEC 7816-15:2004/AM1:2007 [2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 10, 2016 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 7816-15:2004/AM 2:2008 [R2016], Identification cards -- Integrated circuit cards -- Part 15: Cryptographic information application - Amendment 2: Error corrections and extensions for multi-application environments (reaffirm a national adoption INCITS/ISO/IEC 7816-15:2004/AM2:2008 [2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 10, 2016 | [Approved](#)
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- ▶ INCITS/ISO/IEC 7816-15:2016 [2019], Identification cards -- Integrated circuit cards -- Part 15: Cryptographic information application (identical national adoption of ISO/IEC 7816-15:2016 and revision of INCITS/ISO/IEC 7816-15:2004 [R2014])  
INCITS/ISO/IEC 7816-15:2004/AM 2:2008 [R2016]  
INCITS/ISO/IEC 7816-15:2004/AM 1:2007 [R2016] )  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
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- ▶ INCITS/ISO/IEC 7816-15:2016/AM 1:2018 [2020], Identification cards — Integrated circuit cards — Part 15: Cryptographic information application — Amendment 1 (identical national adoption of ISO/IEC 7816-15:2016/AM 1:2018)  
PINS Date: Apr 3, 2020 | Public Review Date: May 15, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)
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- ▶ INCITS/ISO/IEC 7816-2:2007 [R2018], Identification cards -- Integrated circuit cards -- Part 2: Cards with contacts -- Dimensions and location of the contacts (reaffirm a national adoption INCITS/ISO/IEC 7816-2:2007 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)
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- ▶ INCITS/ISO/IEC 7816-3:2006 [R2022], Identification cards - Integrated circuit(s) cards with contacts - Part 3: Electronic interface and transmission protocols (reaffirmation of INCITS/ISO/IEC 7816-3:2006 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)
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- ▶ INCITS/ISO/IEC 7816-4:2020 [2021], Identification Cards - Integrated Circuit Cards - Part 4: Organization, Security And Commands For Interchange (identical national adoption of ISO/IEC 7816-4:2020 and revision of INCITS/ISO/IEC 7816-4:2013 [2016])  
PINS Date: Feb 12, 2021 | Public Review Date: Mar 26, 2021 | Final Action Date: Aug 9, 2021 | [Approved](#)
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- ▶ INCITS/ISO/IEC 7816-5:2004 [R2019], Identification cards - Integrated circuit(s) cards with contacts - Part 5: Registration system for application in IC Cards (reaffirm a national adoption INCITS/ISO/IEC 7816-5:2004 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)
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- ▶ INCITS/ISO/IEC 7816-6:2016 [2019], Identification cards -- Integrated circuit cards -- Part 6: Interindustry data elements for interchange (identical national adoption of ISO/IEC 7816-6:2016 and revision of INCITS/ISO/IEC 7816-6:2004 [R2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
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- ▶ INCITS/ISO/IEC 7816-7:1999 [R2019], ID Cards - Integrated circuit cards with contacts - Part 7: Interindustry commands for Structured Card Querv Language (SCQL) (reaffirm a national adoption INCITS/ISO/IEC 7816-7:1999 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)
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- ▶ INCITS/ISO/IEC 7816-8:2021 [2022], Identification cards - Integrated circuit cards - Part 8: Commands and mechanisms for security operations (identical national adoption of ISO/IEC 7816-8:2021 and revision of INCITS/ISO/IEC 7816-8:2019 [2020])  
PINS Date: Jun 24, 2022 | Public Review Date: Aug 5, 2022 | Final Action Date: Nov 11, 2022 | [Approved](#)
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- ▶ INCITS/ISO/IEC 7816-9:2017 [2019], Identification cards -- Integrated circuit cards -- Part 9: Commands for card management (identical national adoption of ISO/IEC 7816-9:2017 and revision of INCITS/ISO/IEC 7816-9:2004 [R2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)
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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 8630-2-1987 [S2012], Information Processing - Data Interchange on 130 mm (5.25 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 13 262 ftprad, on 80 Tracks on Each Side - Part 2: Track format A for 77 Tracks (stabilized maintenance of INCITS/ISO/IEC 8630-2-1987 (R2007))  
Public Review Date: Jun 8, 2012 | Final Action Date: Aug 20, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8630-3-1987 [S2012], Information Processing - Data Interchange on 130 mm (5.25 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 13 262 ftprad, on 80 Tracks on Each Side - Part 3: Track Format B for 80 Tracks (stabilized maintenance of INCITS/ISO/IEC 8630-3-1987 (R2007))  
Public Review Date: Jun 8, 2012 | Final Action Date: Aug 20, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8632-1:1999 [S2020], Information Technology - Computer Graphics - Metafile for the Storage and Transfer of Picture Description Information - Part 1: Functional Specification (stabilized maintenance of INCITS/ISO/IEC 8632-1-1999 (R2005))  
Public Review Date: Dec 25, 2009 | Final Action Date: Feb 18, 2010 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8632-1:1999/COR 1:2006 [R2020], Information Technology - Computer Graphics - Metafile For The Storage And Transfer Of Picture Description Information - Part 1: Functional Specification - Technical Corrigendum 1 (reaffirm a national adoption INCITS/ISO/IEC 8632-1:1999/COR 1:2006 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8632-1:1999/COR 2:2007 [R2020], Information Technology - Computer Graphics - Metafile For The Storage And Transfer Of Picture Description Information - Part 1: Functional Specification -Technical Corrigendum 2 (reaffirm a national adoption INCITS/ISO/IEC 8632-1:1999/COR 2:2007 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8632-3:1999 [S2020], Information Technology - Computer Graphics - Metafile for the Storage and Transfer of Picture Description Information - Part 3: Binary Encoding (stabilized maintenance of INCITS/ISO/IEC 8632-3-1999 (R2005))  
Public Review Date: Dec 25, 2009 | Final Action Date: Feb 18, 2010 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8632-4:1999 [S2020], Information Technology - Computer Graphics - Metafile for the Storage and Transfer of Picture Description Information - Part 4: Clear Text Encoding (stabilized maintenance of INCITS/ISO/IEC 8632-4-1999 (R2005))  
Public Review Date: Dec 25, 2009 | Final Action Date: Feb 18, 2010 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8824-1:2021 [2021], Information technology - Abstract Syntax Notation One (ASN.1) - Part 1: Specification of basic notation (identical national adoption of ISO/IEC 8824-1:2021 and revision of INCITS/ISO/IEC 8824-1:2015 [2019])  
PINS Date: Aug 27, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 22, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8824-2:2021 [2021], Information technology - Abstract Syntax Notation One (ASN.1) - Part 2: Information object specification (identical national adoption of ISO/IEC 8824-2:2021 and revision of INCITS/ISO/IEC 8824-2:2015 [2019])  
PINS Date: Aug 27, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 22, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8824-3:2021 [2021], Information technology - Abstract Syntax Notation One (ASN.1) - Part 3: Constraint specification (identical national adoption of ISO/IEC 8824-3:2021 and revision of INCITS/ISO/IEC 8824-3:2015 [2019])  
PINS Date: Aug 27, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 22, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8824-4:2021 [2021], Information technology - Abstract Syntax Notation One (ASN.1) - Part 4: Parameterization of ASN.1 specifications (identical national adoption of ISO/IEC 8824-4:2021 and revision of INCITS/ISO/IEC 8824-4:2015 [2019])  
PINS Date: Aug 27, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 22, 2021 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 8825-1:2021 [2021], Information technology - ASN.1 encoding rules - Part 1: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER) (identical national adoption of ISO/IEC 8825-1:2021 and revision of INCITS/ISO/IEC 8825-1:2015 [2019])

PINS Date: Aug 27, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 22, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8825-2:2021 [2021], Information technology - ASN.1 encoding rules - Part 2: Specification of Packed Encoding Rules (PER) (identical national adoption of ISO/IEC 8825-2:2021 and revision of INCITS/ISO/IEC 8825-2:2015 [2019])

PINS Date: Aug 27, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 22, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8825-3:2021 [2021], Information technology - ASN.1 encoding rules - Part 3: Specification of Encoding Control Notation (ECN) (identical national adoption of ISO/IEC 8825-3:2021 and revision of INCITS/ISO/IEC 8825-3:2015 [2019])

PINS Date: Aug 27, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 22, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8825-4:2021 [2021], Information technology - ASN.1 encoding rules - Part 4: XML Encoding Rules (XER) (identical national adoption of INCITS/ISO/IEC 8825-4:2021 and revision of INCITS/ISO/IEC 8825-4:2015 [2019])

PINS Date: Aug 27, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 22, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8825-5:2021 [2021], Information technology - ASN.1 encoding rules - Part 5: Mapping W3C XML schema definitions into ASN.1 (identical national adoption of ISO/IEC 8825-5:2021)

PINS Date: Aug 27, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 22, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8825-6:2021 [2021], Information technology - ASN.1 encoding rules - Part 6: Registration and application of PER encoding instructions (identical national adoption of ISO/IEC 8825-6:2021)

PINS Date: Aug 27, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 22, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8825-7:2021 [2021], Information technology - ASN.1 encoding rules - Part 7: Specification of Octet Encoding Rules (OER) (identical national adoption of ISO/IEC 8825-7:2021)

PINS Date: Aug 27, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 22, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8825-8:2021 [2021], Information technology - ASN.1 encoding rules - Part 8: Specification of JavaScript Object Notation Encoding Rules (JER) (identical national adoption of ISO/IEC 8825-8:2021)

PINS Date: Aug 27, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 22, 2021 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8859-1:1998 [R2018], Information technology -- 8-bit single-byte coded graphic character sets -- Part 1: Latin alphabet No. 1 (reaffirm a national adoption INCITS/ISO/IEC 8859-1:1998 [R2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8859-10:1998 [R2018], Information technology -- 8-bit single-byte coded graphic character sets -- Part 10: Latin alphabet No. 6 (reaffirm a national adoption INCITS/ISO/IEC 8859-10:1998 [R2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8859-11:2001 [R2018], Information technology -- 8-bit single-byte coded graphic character sets -- Part 11: Latin/Thai alphabet (reaffirm a national adoption INCITS/ISO/IEC 8859-11:2001 [R2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8859-13:1998 [R2018], Information technology -- 8-bit single-byte coded graphic character sets -- Part 13: Latin alphabet No. 7 (reaffirm a national adoption INCITS/ISO/IEC 8859-13:1998 [R2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8859-14:1998 [R2018], Information technology -- 8-bit single-byte coded graphic character sets -- Part 14: Latin alphabet No. 8 (Celtic) (reaffirm a national adoption INCITS/ISO/IEC 8859-14:1998 [R2013])

Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8859-15:1999 [R2018], Information technology -- 8-bit single-byte coded graphic character sets -- Part 15: Latin alphabet No. 9 (reaffirm a national adoption INCITS/ISO/IEC 8859-15:1999 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8859-16:2001 [R2020], Information Technology - 8-Bit Single-Byte Coded Graphic Character Sets - Part 16: Latin Alphabet No. 10 (reaffirm a national adoption INCITS/ISO/IEC 8859-16:2001 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8859-2:1999 [R2020], Information Technology - 8-Bit Single-Byte Coded Graphic Character Sets - Part 2: Latin Alphabet No. 2 (reaffirm a national adoption INCITS/ISO/IEC 8859-2:1999 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8859-3:1999 [R2020], Information technology -- 8-bit single-byte coded graphic character sets - Part 3: Latin alphabet No. 3 (reaffirm a national adoption INCITS/ISO/IEC 8859-3:1999 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8859-4:1998 [R2018], Information technology -- 8-bit single-byte coded graphic character sets -- Part 4: Latin alphabet No. 4 (reaffirm a national adoption INCITS/ISO/IEC 8859-4:1998 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8859-5:1999 [R2020], Information Technology - 8-Bit Single-Byte Coded Graphic Character Sets - Part 5: Latin/Cyrillic Alphabet (reaffirm a national adoption INCITS/ISO/IEC 8859-5:1999 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8859-6:1999 [R2020], Information Technology - 8-Bit Single-Byte Coded Graphic Character Sets - Part 6: Latin/Arabic Alphabet (reaffirm a national adoption INCITS/ISO/IEC 8859-6:1999 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8859-7:2003 [R2018], Information technology -- 8-bit single-byte coded graphic character sets -- Part 7: Latin/Greek alphabet (reaffirm a national adoption INCITS/ISO/IEC 8859-7:2003 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8859-8:1999 [R2020], Information Technology - 8-Bit Single-Byte Coded Graphic Character Sets - Part 8: Latin/Hebrew Alphabet (reaffirm a national adoption INCITS/ISO/IEC 8859-8:1999 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8859-9:1999 [R2018], Information technology -- 8-bit single-byte coded graphic character sets -- Part 9: Latin alphabet No. 5 (reaffirm a national adoption INCITS/ISO/IEC 8859-9:1999 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8860-2-1987 [S2012], Information Processing - Data Interchange on 90 mm (3.5 in) Flexible Disk Cartridges Using Modified Frequency Modulation Recording at 7 958 ftprad on 80 Tracks on Each Side - Part 2: Track Format (stabilized maintenance of INCITS/ISO/IEC 8860-2-1987 (R2007))  
Public Review Date: Jun 8, 2012 | Final Action Date: Aug 20, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8879:1986/AM 1:1988 [S2020], Information Processing - Text And Office Systems - Standard Generalized Markup Language (SGML) - Amendment 1 (stabilized maintenance of INCITS/ISO/IEC 8879:1986/AM 1:1988 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 8879:1986/COR 1:1996 [S2020], Information Processing - Text And Office Systems - Standard Generalized Markup Language (SGML) - Technical Corrigendum 1 (stabilized maintenance of INCITS/ISO/IEC 8879:1986/COR 1:1996 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 8879:1986/COR 2:1999 [S2020], Information Processing - Text And Office Systems - Standard Generalized Markup Language (SGML) - Technical Corrigendum 2 (stabilized maintenance of INCITS/ISO/IEC 8879:1986/COR 2:1999 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9075-1:2011/Cor 1:2013 [2014], Information technology -- Database languages -- SQL -- Part 1: Framework (SQL/Framework), TECHNICAL CORRIGENDUM 1 (identical national adoption of ISO/IEC 9075 -1:2011/Cor 1:2013)  
PINS Date: Jan 3, 2014 | Public Review Date: May 2, 2014 | Final Action Date: Sep 12, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9075-1:2016 [R2022], Information technology -- Database languages -- SQL -- Part 1: Framework (SQL/Framework) (reaffirmation of INCITS/ISO/IEC 9075-1:2016 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9075-10-2008/Cor 1-2012, Information technology - Database languages - SQL - Part 10: Object Language Bindings (SQL/OLB) TECHNICAL CORRIGENDUM 1 (identical national adoption of ISO/IEC 9075 -10:2008/Cor 1:2010)  
PINS Date: Apr 1, 2011 | Public Review Date: Feb 24, 2012 | Final Action Date: Aug 27, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9075-10:2016 [R2022], Information technology -- Database languages -- SQL -- Part 10: Object language bindings (SQL/OLB) (reaffirmation of INCITS/ISO/IEC 9075-10:2016 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9075-11:2016 [R2022], Information technology -- Database languages -- SQL -- Part 11: Information and definition schemas (SQL/Schemata) (reaffirmation of INCITS/ISO/IEC 9075-11:2016 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9075-13:2016 [R2022], Information technology -- Database languages -- SQL -- Part 13: SQL Routines and types using the Java TM programming language (SQL/JRT) (reaffirmation of INCITS/ISO/IEC 9075 -13:2016 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9075-14:2011/Cor 1:2013[2014], Information technology -- Database languages -- SQL -- Part 14: XML-Related Specifications (SQL/XML), TECHNICAL CORRIGENDUM 1 (identical national adoption of ISO/IEC 9075 -14:2011/Cor 1:2013)  
PINS Date: Jan 3, 2014 | Public Review Date: May 2, 2014 | Final Action Date: Sep 15, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9075-14:2016 [R2022], Information technology -- Database languages -- SQL -- Part 14: XML-Related Specifications (SQL/XML) (reaffirmation of INCITS/ISO/IEC 9075-14:2016 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9075-2:2016 [R2022], Information technology -- Database languages -- SQL -- Part 2: Foundation (SQL/Foundation) (reaffirmation of INCITS/ISO/IEC 9075-2:2016 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9075-3:2016 [2018], Information technology - Database languages - SQL - Part 3: Call-Level Interface (SQL/CLI) (identical national adoption of ISO/IEC 9075-3:2016 and revision of INCITS/ISO/IEC 9075-3:2008 [R2013])  
PINS Date: Jul 27, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9075-4:2011/COR1:2013 [2014], Information technology -- Database languages -- SQL -- Part 4: Persistent Stored Modules (SQL/PSM), TECHNICAL CORRIGENDUM 1 (identical national adoption of ISO/IEC 9075 -4:2011/Cor 1:2013)  
PINS Date: Jan 3, 2014 | Public Review Date: May 2, 2014 | Final Action Date: Sep 12, 2014 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9075-4:2016 [R2022], Information technology -- Database languages -- SQL -- Part 4: Persistent stored modules (SQL/PSM) (reaffirmation of INCITS/ISO/IEC 9075-4:2016 [2017])  
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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 9075-9:2016 [R2022], Information technology -- Database languages -- SQL -- Part 9: Management of External Data (SQL/MED) (reaffirmation of INCITS/ISO/IEC 9075-9:2016 [2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9160-1988 [S2018], Information Processing - Data Encipherment - Physical Layer Interoperability Requirements (stabilized maintenance of INCITS/ISO/IEC 9160-1988 (R2004))  
Public Review Date: Oct 17, 2008 | Final Action Date: Dec 18, 2008 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9171-1:1990 [S2019], Information Technology - 130 mm Optical Disk Cartridge, Write Once, for Information Interchange - Part 1: Unrecorded Optical Disk Cartridge (stabilized maintenance of INCITS/ISO/IEC 9171-1:1990 (R2004))  
Public Review Date: Nov 7, 2008 | Final Action Date: Feb 2, 2009 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9171-2:1990 [S2018], Information Technology - 130 mm Optical Disk Cartridge, Write Once, for Information Interchange - Part 2: Recording Format (stabilized maintenance of INCITS/ISO/IEC 9171-2-1990 (R2004))  
Public Review Date: Oct 17, 2008 | Final Action Date: Dec 19, 2008 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9281-1:1990 [R2018], Information technology - Picture coding methods - Part 1: Identification (reaffirm a national adoption INCITS/ISO/IEC 9281-1:1990 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9281-2:1990 [R2018], Information technology - Picture coding methods - Part 2: Procedure for registration (reaffirm a national adoption INCITS/ISO/IEC 9281-2:1990 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9282-1:1988 [R2018], Information processing - Coded representation of pictures - Part 1: Encoding principles for picture representation in a 7-bit or 8-bit environment (reaffirm a national adoption INCITS/ISO/IEC 9282-1:1988 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9293:1994 [S2016], Diskette Labels and File Structure for Information Interchange (stabilized maintenance of INCITS/ISO/IEC 9293-1994 [R2011])  
Public Review Date: Aug 12, 2016 | Final Action Date: Nov 3, 2016 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9496:2003 [R2020], CHILL - The ITU-T Programming Language (reaffirm a national adoption INCITS/ISO/IEC 9496:2003 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9529-1:1989 [S2020], Information Processing Systems - Data Interchange On 90 Mm (3,5 In) Flexible Disk Cartridges Using Modified Frequency Modulation Recording At 15 916 Ftpad, On 80 Tracks On Each Side - Part 1: Dimensional, Physical And Magnetic Characteristics (stabilized maintenance of INCITS/ISO/IEC 9529-1:1989 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 30, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9541-1:2012 [R2018], Information technology -- Font information interchange -- Part 1: Architecture (reaffirm a national adoption INCITS/ISO/IEC 9541-1:2012 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9541-2:2012 [R2018], Information technology -- Font information interchange -- Part 2: Interchange format (reaffirm a national adoption INCITS/ISO/IEC 9541-2:2012 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9541-3:2012 [R2018], Information technology -- Font information interchange -- Part 3: Glyph shape representation (reaffirm a national adoption INCITS/ISO/IEC 9541-3:2012 [2013])  
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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 9541-4:2009 [R2019], Information technology - Font information interchange - Part 4: Harmonization to Open Font Format (reaffirm a national adoption INCITS/ISO/IEC 9541-4:2009 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

- ▶ INCITS/ISO/IEC 9541-4:2009/COR 1:2009 [R2018], Information technology - Font information interchange - Part 4: Harmonization to Open Font Format – Technical Corrigendum 1 (reaffirm a national adoption INCITS/ISO/IEC 9541-4:2009/COR 1:2009 [2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

- ▶ INCITS/ISO/IEC 9592-1:1997 [S2019], Information Technology - Computer Graphics and Image Processing - Programmer's Hierarchical Interactive Graphics System (PHIGS) - Part 1: Functional Description (stabilized maintenance of INCITS/ISO/IEC 9592-1-1997 (R2004))  
Public Review Date: Jan 30, 2009 | Final Action Date: Apr 3, 2009 | [Approved](#)

- ▶ INCITS/ISO/IEC 9592-2:1997 [S2019], Information Technology - Computer Graphics and Image Processing - Programmer's Hierarchical Interactive Graphics System (PHIGS) - Part 2: Archive File Format (stabilized maintenance of INCITS/ISO/IEC 9592-2-1997 (R2004))  
Public Review Date: Jan 30, 2009 | Final Action Date: Apr 3, 2009 | [Approved](#)

- ▶ INCITS/ISO/IEC 9592-3:1997 [S2019], Information Technology - Computer Graphics and Image Processing - Programmer's Hierarchical Interactive Graphics System (PHIGS) - Part 3: Specification for Clear-Text Encoding of Archive File (stabilized maintenance of INCITS/ISO/IEC 9592-3-1997 (R2004))  
Public Review Date: Jan 30, 2009 | Final Action Date: Apr 3, 2009 | [Approved](#)

- ▶ INCITS/ISO/IEC 9593-1:1990 [S2012], Information Processing Systems - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 1: FORTRAN (Formerly X3.144.1) (stabilized maintenance of INCITS/ISO/IEC 9593-1-1990 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 5, 2012 | [Approved](#)

- ▶ INCITS/ISO/IEC 9593-1:1990/AM1:1995 [S2021], Information processing systems - Computer graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) language bindings - Part 1: Fortran - Amendment 1: Fortran Binding of PHIGS (stabilized maintenance of INCITS/ISO/IEC 9593-1-1990/AM1-1995 (R2006))  
Public Review Date: Sep 2, 2011 | Final Action Date: Dec 28, 2011 | [Approved](#)

- ▶ INCITS/ISO/IEC 9593-1:1990/COR 1:1993 [R2020], Information processing systems -- Computer graphics -- Programmers Hierarchical Interactive Graphics System (PHIGS) language bindings -- Part 1: FORTRAN Technical Corrigendum 1 (reaffirm a national adoption INCITS/ISO/IEC 9593-1:1990/COR 1:1993 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

- ▶ INCITS/ISO/IEC 9593-1:1990/COR 2:1994 [R2020], Information Processing Systems - Computer Graphics - Programmers Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 1: FORTRAN - Technical Corrigendum 2 (reaffirm a national adoption INCITS/ISO/IEC 9593-1:1990/COR 2:1994 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

- ▶ INCITS/ISO/IEC 9593-3:1990 [S2013], Information technology - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 3: ADA (FORMERLY X3.144.3-1989) (stabilized maintenance of INCITS/ISO/IEC 9593-3-1990 (R2008))  
Public Review Date: Apr 12, 2013 | Final Action Date: Jun 18, 2013 | [Approved](#)

- ▶ INCITS/ISO/IEC 9593-3:1990/AM1:1994 [S2019], Information Technology - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 3: Ada - Amendment 1: Incorporation of PHIGS PLUS (stabilized maintenance of INCITS/ISO/IEC 9593-3-1990/AM1-1994 (R2004))  
Public Review Date: Jan 30, 2009 | Final Action Date: Apr 3, 2009 | [Approved](#)

**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 9593-3:1990/COR 1:1993 [R2020], Information Technology - Computer Graphics - Programmers Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 3: ADA - Technical Corrigendum 1 (reaffirm a national adoption INCITS/ISO/IEC 9593-3:1990/COR 1:1993 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9593-3:1990/COR 2:1994 [R2020], Information Technology - Computer Graphics - Programmers Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 3: ADA - Technical Corrigendum 2 (reaffirm a national adoption INCITS/ISO/IEC 9593-3:1990/COR 2:1994 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9593-4:1991 [S2012], Information Processing Systems - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 4: C (stabilized maintenance of INCITS/ISO/IEC 9593-4-1991 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 5, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9593-4:1991/AM 2:1998 [R2018], Information technology -- Computer graphics -- Programmers Hierarchical Interactive Graphics System (PHIGS) language bindings -- Part 4: C - Amendment 2 (reaffirm a national adoption INCITS/ISO/IEC 9593-4:1991 AM2:2008 [R2013])  
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- ▶ INCITS/ISO/IEC 9593-4:1991/AM1:1994 [S2019], Information Technology - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 4: C -- Amendment 1 (stabilized maintenance of INCITS/ISO/IEC 9593-4-1991/AM1-1994 (R2004))  
Public Review Date: Jan 30, 2009 | Final Action Date: Apr 3, 2009 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9593-4:1991/COR 1:1994 [R2020], Information technology -- Computer graphics -- Programmers Hierarchical Interactive Graphics System (PHIGS) language bindings -- Part 4: C Technical Corrigendum 1 (reaffirm a national adoption INCITS/ISO/IEC 9593-4:1991/COR1:1994 [R2015])  
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- ▶ INCITS/ISO/IEC 9594-1:2020 [2022], Information technology - Open systems interconnection - Part 1: The Directory: Overview of concepts, models and services (identical national adoption of ISO/IEC 9594-1:2020 and revision of INCITS/ISO/IEC 9594-1:2017 [2018])  
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- ▶ INCITS/ISO/IEC 9594-11:2020 [2022], Information technology - Open systems interconnection directory - Part 11: Protocol specifications for secure operations (identical national adoption of ISO/IEC 9594-11:2020)  
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- ▶ INCITS/ISO/IEC 9594-2:2020 [2022], Information technology - Open systems interconnection - Part 2: The Directory: Models (identical national adoption of ISO/IEC 9594-2:2020 and revision of INCITS/ISO/IEC 9594-2:2017 [2018])  
PINS Date: May 27, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Sep 16, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9594-2:2020/AM1:2021 [2022], Information technology - Open systems interconnection - Part 2: The Directory: Models - Amendment 1 (identical national adoption of ISO/IEC 9594-2:2020/AM1:2021)  
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- ▶ INCITS/ISO/IEC 9594-3:2020 [2022], Information technology - Open systems interconnection - Part 3: The Directory: Abstract service definition (identical national adoption of ISO/IEC 9594-3:2020 and revision of INCITS/ISO/IEC 9594-3:2017 [2018])  
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- ▶ INCITS/ISO/IEC 9594-4:2020 [2022], Information technology - Open systems interconnection - Part 4: The Directory: Procedures for distributed operation (identical national adoption of ISO/IEC 9594-4:2020 and revision of INCITS/ISO/IEC 9594-4:2017 [2018])  
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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 9594-5:2020 [2022], Information technology - Open systems interconnection - Part 5: The Directory: Protocol specifications (identical national adoption of ISO/IEC 9594-5:2020 and revision of INCITS/ISO/IEC 9594-5:2017 [2018])  
PINS Date: May 27, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Sep 16, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9594-6:2008 [2013], Information technology - Open Systems Interconnection - The Directory: Selected attribute types (identical national adoption of ISO/IEC 9594-6:2008 and revision of INCITS/ISO/IEC 9594-6:2005)  
PINS Date: Feb 22, 2013 | Public Review Date: Apr 19, 2013 | Final Action Date: Aug 12, 2013 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9594-6:2020 [2022], Information technology - Open systems interconnection - Part 6: The Directory: Selected attribute types (identical national adoption of ISO/IEC 9594-6:2020 and revision of INCITS/ISO/IEC 9594-6:2017 [2018])  
PINS Date: May 27, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Sep 16, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9594-7:2020 [2022], Information technology - Open systems interconnection - Part 7: The Directory: Selected object classes (identical national adoption of ISO/IEC 9594-7:2020 and revision of INCITS/ISO/IEC 9594-7:2017 [2018])  
PINS Date: May 27, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Sep 16, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9594-8:2020 [2022], Information technology - Open systems interconnection - Part 8: The Directory: Public-key and attribute certificate frameworks (identical national adoption of ISO/IEC 9594-8:2020 and revision of INCITS/ISO/IEC 9594-8:2017 [2018])  
PINS Date: May 27, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Sep 16, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9594-8:2020/COR1:2021 [2022], Information technology - Open systems interconnection - Part 8: The Directory: Public-key and attribute certificate frameworks - Technical Corrigendum 1 (identical national adoption of ISO/IEC 9594-8:2020/COR1:2021)  
PINS Date: May 27, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Sep 16, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9594-9:2020 [2022], Information technology - Open systems interconnection - Part 9: The Directory: Replication (identical national adoption of ISO/IEC 9594-9:2020 and revision of INCITS/ISO/IEC 9594-9:2017 [2018])  
PINS Date: May 27, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Sep 16, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9636-1:1991 [S2012], Information technology - Computer graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Functional specification - Part 1: Overview, profiles, and conformance (stabilized maintenance of INCITS/ISO/IEC 9636-1-1991 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 5, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9636-2:1991 [S2012], Information technology - Computer graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Functional specification - Part 2: Control (stabilized maintenance of INCITS/ISO/IEC 9636-2-1991 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 5, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9636-3:1991 [S2012], Information technology - Computer graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Functional specification - Part 3: Output (stabilized maintenance of INCITS/ISO/IEC 9636-3-1991 (R2007))  
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- ▶ INCITS/ISO/IEC 9636-4:1991 [S2012], Information technology - Computer graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Functional specification - Part 4: Segments (stabilized maintenance of INCITS/ISO/IEC 9636-4-1991 (R2007))  
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- ▶ INCITS/ISO/IEC 9636-5:1991 [S2012], Information technology - Computer graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Functional specification - Part 5: Input and Echoing (stabilized maintenance of INCITS/ISO/IEC 9636-5-1991 (R2007))  
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- ▶ INCITS/ISO/IEC 9636-6:1991 [S2012], Information technology - Computer graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Functional specification - Part 6: Raster (stabilized maintenance of INCITS/ISO/IEC 9636-6-1991 (R2007))  
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- ▶ INCITS/ISO/IEC 9637-1:1994 [S2019], Information Technology - Computer Graphics - Interfacing Techniques for Dialogues with Graphical Devices (CGI) - Data Stream Binding - Part 1: Character Encoding (stabilized maintenance of INCITS/ISO/IEC 9637-1-1994 (R2004))  
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- ▶ INCITS/ISO/IEC 9637-2:1992 [S2019], Information Technology - Computer Graphics - Interfacing Techniques for Dialogues with Graphical Devices (CGI) - Data Stream Binding - Part 2: Binary Encoding (stabilized maintenance of INCITS/ISO/IEC 9637-2-1992 (R2004))  
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- ▶ INCITS/ISO/IEC 9638-3:1994 [S2020], Computer Graphics - Computer Graphics Interface (CGI) - Part 3: ADA (stabilized maintenance of INCITS/ISO/IEC 9638-3-1994 (R2005))  
Public Review Date: Dec 25, 2009 | Final Action Date: Feb 18, 2010 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9796-2:2010 [R2022], Information technology - Security techniques - Digital signature schemes giving message recovery - Part 2: Integer factorization based mechanisms (reaffirmation of INCITS/ISO/IEC 9796-2:2010 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9796-3:2006 [R2018], Information Technology - Security Techniques - Digital Signature Schemes Giving Message Recovery - Part 3: Discrete Logarithm Based Mechanisms (reaffirm a national adoption INCITS/ISO/IEC 9796-3:2006 [R2013])  
Public Review Date: Jul 27, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9797-1:2011 [R2019], Information technology - Security techniques - Message Authentication Codes (MACs) - Part 1: Mechanisms using a block cipher (reaffirm a national adoption INCITS/ISO/IEC 9797-1:2011 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9797-2:2021 [2022], Information security - Message authentication codes (MACs) - Part 2: Mechanisms using a dedicated hash-function (identical national adoption of ISO/IEC 9797-2:2021 and revision of INCITS/ISO/IEC 9797-2:2011 [R2017])  
PINS Date: Feb 18, 2022 | Public Review Date: Apr 8, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9797-3:2011 [R2022], Information technology - Security techniques - Message Authentication Codes (MACs) - Part 3: Mechanisms using a universal hash-function (reaffirmation of INCITS/ISO/IEC 9797-3:2011 [R2017])  
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- ▶ INCITS/ISO/IEC 9797-3:2011/AM1:2020 [2022], Information technology - Security techniques - Message Authentication Codes (MACs) - Part 3: Mechanisms using a universal hash-function - Amendment 1 (identical national adoption of ISO/IEC 9797-3:2011/AM1:2020)  
PINS Date: Oct 29, 2021 | Public Review Date: Dec 10, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9798-1:2010 [R2022], Information technology - Security techniques - Entity authentication - Part 1: General (reaffirmation of INCITS/ISO/IEC 9798-1:2010 [R2017])  
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- ▶ INCITS/ISO/IEC 9798-2:2008 [2010], Information technology - Security techniques - Entity authentication - Part 2: Mechanisms using symmetric encipherment algorithms (identical national adoption of ISO/IEC 9798-2:2008 and revision of INCITS/ISO/IEC 9798-2-1994 (R2005))  
PINS Date: Jul 31, 2009 | Public Review Date: Aug 28, 2009 | Final Action Date: Feb 22, 2010 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 9798-2:2019 [2020], IT Security techniques - Entity authentication - Part 2: Mechanisms using authenticated encryption (identical national adoption of ISO/IEC 9798-2:2019 and revision of INCITS/ISO/IEC 9798-2:2008 [R2015])  
PINS Date: Feb 28, 2020 | Public Review Date: Apr 10, 2020 | Final Action Date: Jun 22, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9798-3:2019 [2019], IT Security techniques -- Entity authentication -- Part 3: Mechanisms using digital signature techniques (identical national adoption of ISO/IEC 9798-3:2019 and revision of INCITS/ISO/IEC 9798-3:1998 [R2014])  
PINS Date: Jun 28, 2019 | Public Review Date: Aug 9, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9798-4:1999 [R2019], Information Technology - Security techniques - Entity authentication - Part 4: Mechanisms using a cryptographic check function (formerly ANSI/ISO/IEC 9798-4:1999) (reaffirm a national adoption INCITS/ISO/IEC 9798-4:1999 [R2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Oct 29, 2019 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9798-4:1999/COR1:2009 [2022], Information technology - Security techniques - Entity authentication - Part 4: Mechanisms using a cryptographic check function - Technical Corrigendum 1 (identical national adoption of ISO/IEC 9798-4:1999/COR1:2009)  
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- ▶ INCITS/ISO/IEC 9798-4:1999/COR2:2012 [2022], Information technology - Security techniques - Entity authentication - Part 4: Mechanisms using a cryptographic check function - Technical Corrigendum 2 (identical national adoption of ISO/IEC 9798-4:1999/COR2:2012)  
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- ▶ INCITS/ISO/IEC 9798-5:2009 [R2020], Information Technology - Security Techniques - Entity Authentication - Part 5: Mechanisms Using Zero-Knowledge Techniques (reaffirm a national adoption INCITS/ISO/IEC 9798-5:2009 [R2015])  
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- ▶ INCITS/ISO/IEC 9798-6:2010 [R2022], Information technology - Security techniques - Entity authentication - Part 6: Mechanisms using manual data transfer (reaffirmation of INCITS/ISO/IEC 9798-6:2010 [R2017])  
Public Review Date: May 13, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9804:1998 [S2012], Information technology - Open Systems Interconnection - Service definition for the Commitment, Concurrency and Recovery service element (stabilized maintenance of INCITS/ISO/IEC 9804-1998 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 5, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9805-1:1998 [S2012], Information technology - OSI - Protocol for the Commitment, Concurrency and Recovery service element: Protocol specification - Part 1 (stabilized maintenance of INCITS/ISO/IEC 9805-1-1998 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 5, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9805-2:1996 [S2012], Information technology - OSI - Protocol for the Commitment, Concurrency and Recovery service element: Protocol Implementation Conformance Statement (PICS) proforma (stabilized maintenance of INCITS/ISO/IEC 9805-2-1996 (R2007))  
Public Review Date: Jul 6, 2012 | Final Action Date: Sep 5, 2012 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9834-6:2005 [R2020], Information technology -- Open Systems Interconnection -- Procedures for the operation of OSI Registration Authorities: Registration of application processes and application entities (reaffirm a national adoption INCITS/ISO/IEC 9834-6:2005 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ INCITS/ISO/IEC 9834-9:2008 [R2020], Information technology - Open Systems Interconnection - Procedures for the operation of OSI Registration Authorities: Registration of object identifier arcs for applications and services using tag-based identification (reaffirm a national adoption INCITS/ISO/IEC 9834-9:2008 [R2015])  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

- ▶ INCITS/ISO/IEC 9899:2018 [2019], Information technology - Programming languages - C (identical national adoption of ISO/IEC 9899:2018 and revision of INCITS/ISO/IEC 9899:2011 [R2017])  
PINS Date: Mar 15, 2019 | Public Review Date: Apr 26, 2019 | Final Action Date: Jul 9, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 9973:2013 [R2019], Information technology - Computer graphics, image processing and environmental data representation - Procedures for registration of items (reaffirm a national adoption INCITS/ISO/IEC 9973:2013 [2014])  
Public Review Date: Aug 2, 2019 | Final Action Date: Nov 22, 2019 | [Approved](#)
- ▶ INCITS/ISO/IEC 9983:1995 [S2018], Information Processing Systems - Designation of Unrecorded Flexible Disk Cartridges (stabilized maintenance of INCITS/ISO/IEC 9983-1995 (R2003))  
Public Review Date: Feb 8, 2008 | Final Action Date: Jun 19, 2008 | [Approved](#)

**ITSDF (Industrial Truck Standards Development Foundation, Inc.)**

1750 K Street NW, Suite 460, Washington, DC 20006 | w: [www.indtrk.org](http://www.indtrk.org)

- ▶ ANSI/ITSDF B56.1-2020, Safety Standard for Low Lift and High Lift Trucks (revision of ANSI/ITSDF B56.1-2016, ANSI/ITSDF B56.1a-2018)  
PINS Date: Feb 15, 2019 | Public Review Date: Feb 7, 2020 | Final Action Date: Mar 26, 2020 | [Approved](#)
- ▶ ANSI/ITSDF B56.10-2012 (R2019), Manually Propelled High Lift Industrial Trucks (reaffirmation of ANSI/ITSDF B56.10-2012)  
PINS Date: Mar 23, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Feb 7, 2019 | [Approved](#)
- ▶ ANSI/ITSDF B56.11.1-2012 (R2018), Double Race or Bi-Level Swivel and Rigid Industrial Casters (reaffirmation of ANSI/ITSDF B56.11.1-2012)  
PINS Date: Sep 22, 2017 | Public Review Date: Dec 15, 2017 | Final Action Date: Feb 16, 2018 | [Approved](#)
- ▶ ANSI/ITSDF B56.11.4-2013 (R2018), Hook-Type Forks and Fork Carriers for Powered Industrial Forklift Trucks (reaffirmation of ANSI/ITSDF B56.11.4-2013)  
PINS Date: Mar 23, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Dec 19, 2018 | [Approved](#)
- ▶ ANSI/ITSDF B56.11.5-2014 (R2018), Measurement of Sound Emitted by Low Lift, High Lift, and Rough Terrain Powered Industrial Trucks (reaffirmation of ANSI/ITSDF B56.11.5-2014)  
PINS Date: Mar 23, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Dec 19, 2018 | [Approved](#)
- ▶ ANSI/ITSDF B56.11.6-2019, Evaluation of Visibility from Powered Industrial Trucks (revision of ANSI/ITSDF B56.11.6-2005 (R2013))  
PINS Date: Mar 23, 2018 | Public Review Date: May 31, 2019 | Final Action Date: Aug 6, 2019 | [Approved](#)
- ▶ ANSI/ITSDF B56.11.7-2020, Liquefied Petroleum Gas (LPG) Fuel Cylinders (Horizontal or Vertical) Mounting – Liquid Withdrawal – for Powered Industrial Trucks (revision of ANSI/ITSDF B56.11.7-2011)  
PINS Date: Nov 11, 2016 | Public Review Date: May 22, 2020 | Final Action Date: Jul 7, 2020 | [Approved](#)
- ▶ ANSI/ITSDF B56.11.8-2019, Safety Standard for Seat Belt (Lap-Type) Anchorage Systems for Powered Industrial Trucks (revision of ANSI/ITSDF B56.11.8-2015)  
PINS Date: Mar 23, 2018 | Public Review Date: May 24, 2019 | Final Action Date: Aug 6, 2019 | [Approved](#)
- ▶ ANSI/ITSDF B56.14-200x (R2020), Safety Standard for Vehicle Mounted Trucks (reaffirmation of ANSI/ITSDF B56.14-200x)  
PINS Date: Jun 26, 2020 | Public Review Date: Sep 18, 2020 | Final Action Date: Dec 7, 2020 | [Approved](#)
- ▶ ANSI/ITSDF B56.1a-2018, Safety Standard Low Lift and High Lift Trucks (addenda to ANSI/ITSDF B56.1-2016)  
PINS Date: Mar 23, 2018 | Public Review Date: May 18, 2018 | Final Action Date: Aug 3, 2018 | [Approved](#)

**ITSDF (Industrial Truck Standards Development Foundation, Inc.)**

- ▶ ANSI/ITSDF B56.5-2019, Safety Standard for Guided Industrial Vehicles and Automated Functions of Manned Industrial Vehicles (revision of ANSI/ITSDF B56.5-2012)  
PINS Date: Sep 18, 2015 | Public Review Date: May 24, 2019 | Final Action Date: Aug 6, 2019 | [Approved](#)
- ▶ ANSI/ITSDF B56.6-2021, Safety Standard for Rough Terrain Forklift Trucks (revision of ANSI/ITSDF B56.6-2016)  
PINS Date: Feb 15, 2019 | Public Review Date: Jan 22, 2021 | Final Action Date: Mar 22, 2021 | [Approved](#)
- ▶ ANSI/ITSDF B56.8-2019, Safety Standard for Personnel and Burden Carriers (revision of ANSI/ITSDF B56.8-2011)  
PINS Date: Sep 18, 2015 | Public Review Date: Nov 23, 2018 | Final Action Date: Apr 26, 2019 | [Approved](#)
- ▶ ANSI/ITSDF B56.9-2019, Safety Standard For Operator Controlled Industrial Tow Tractors (revision of ANSI/ITSDF B56.9-2012)  
PINS Date: Mar 21, 2014 | Public Review Date: Nov 16, 2018 | Final Action Date: Mar 19, 2019 | [Approved](#)

**KCMA (Kitchen Cabinet Manufacturers Association)**

1899 Preston White Drive, Reston, VA 20191 | w: [www.kcma.org](http://www.kcma.org)

- ▶ ANSI/KCMA A161.1-2022, Performance and Construction Standard for Kitchen and Vanity Cabinets (revision of ANSI/KCMA A161.1-2017)  
PINS Date: Apr 3, 2020 | Public Review Date: Jun 18, 2021 | Final Action Date: May 26, 2022 | [Approved](#)

**LEO (Leonardo Academy Inc.)**

8401 Excelsior Drive, Madison, WI 53717 | w: [www.leonardoacademy.org](http://www.leonardoacademy.org)

- ▶ ANSI/LEO 4000-2015, LEO-4000 American National Standard for Sustainable Agriculture (new standard)  
PINS Date: Nov 28, 2008 | Public Review Date: Apr 3, 2015 | Final Action Date: Nov 3, 2015 | [Approved](#)
- ▶ ANSI/LEO 5000-2011, LEO 5000 - Standard for Emissions Inventories, Offsets and Reduction Credits (new standard)  
PINS Date: Jun 23, 2006 | Public Review Date: Apr 22, 2011 | Final Action Date: Aug 9, 2011 | [Approved](#)
- ▶ ANSI/LEO 8000-2011, Standard for Sustainable Electronic Gaming Machines (new standard)  
PINS Date: Nov 14, 2008 | Public Review Date: Apr 1, 2011 | Final Action Date: Jul 15, 2011 | [Approved](#)

**LES (Licensing Executives Society (U.S. and Canada))**

11130 Sunrise Valley Drive, Suite 350, Reston, VA 20191 | w: [www.les.org](http://www.les.org)

- ▶ ANSI/LES ICBR Version 1.0-2022, Intellectual Capital in the Boardroom (new standard)  
PINS Date: Jan 19, 2018 | Public Review Date: Jul 2, 2021 | Final Action Date: Aug 15, 2022 | [Approved](#)
- ▶ ANSI/LES Version 1.1-2022, Management System for the Protection of Intellectual Property in the Supply Chain - Requirements (new standard)  
PINS Date: Dec 15, 2017 | Public Review Date: Apr 16, 2021 | Final Action Date: Sep 12, 2022 | [Approved](#)

**LIA (ASC Z136) (Laser Institute of America)**

12001 Research Parkway, Suite 210, Orlando, FL 32828 | w: [www.laserinstitute.org](http://www.laserinstitute.org)

- ▶ ANSI Z136.1-2022, Standard for Safe Use of Lasers (revision of ANSI Z136.1-2014)  
PINS Date: Apr 11, 2014 | Public Review Date: Nov 26, 2021 | Final Action Date: Aug 3, 2022 | [Approved](#)
- ▶ ANSI Z136.2-2012, Standard for Safe Use of Optical Fiber Communication Systems Utilizing Laser Diode and LED Sources (new standard)  
PINS Date: Aug 31, 2007 | Public Review Date: May 4, 2012 | Final Action Date: Dec 19, 2012 | [Approved](#)
- ▶ ANSI Z136.3-2018, Standard for Safe Use of Lasers in Health Care (revision of ANSI Z136.3-2011)  
PINS Date: Dec 21, 2012 | Public Review Date: Jul 7, 2017 | Final Action Date: May 25, 2018 | [Approved](#)

**LIA (ASC Z136) (Laser Institute of America)**

- ▶ ANSI Z136.4-2021, Standard Recommended Practice for Laser Safety Measurements for Classification and Hazard Evaluation (new standard)  
PINS Date: Sep 28, 2012 | Public Review Date: May 1, 2020 | Final Action Date: Feb 4, 2021 | [Approved](#)
- ▶ ANSI Z136.5-2020, Standard for Safe Use of Lasers in Educational Institutions (new standard)  
PINS Date: Nov 22, 2013 | Public Review Date: Oct 4, 2019 | Final Action Date: May 19, 2020 | [Approved](#)
- ▶ ANSI Z136.6-2015, Standard for Safe Use of Lasers Outdoors (revision of ANSI Z136.6-2005)  
PINS Date: Apr 27, 2007 | Public Review Date: Jan 2, 2015 | Final Action Date: Oct 5, 2015 | [Approved](#)
- ▶ ANSI Z136.7-2020, Standard for Testing and Labeling of Laser Protective Equipment (new standard)  
PINS Date: Feb 3, 2012 | Public Review Date: Oct 4, 2019 | Final Action Date: Jul 28, 2020 | [Approved](#)
- ▶ ANSI Z136.8-2021, Standard for Safe Use of Lasers in Research, Development or Testing (revision of ANSI Z136.8-2012)  
PINS Date: Nov 22, 2013 | Public Review Date: Dec 20, 2019 | Final Action Date: Nov 16, 2020 | [Approved](#)
- ▶ ANSI Z136.9-2013, Standard for Safe Use of Lasers in Manufacturing Environments (new standard)  
PINS Date: Nov 10, 2006 | Public Review Date: May 17, 2013 | Final Action Date: Aug 6, 2013 | [Approved](#)

**MHI (Material Handling Industry)**

8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217 | w: [www.mhi.org](http://www.mhi.org)

- ▶ ANSI MH16.1-2021, Design, Testing, and Utilization of Industrial Steel Storage Racks (revision of ANSI MH16.1-2012 (R2019))  
PINS Date: Oct 2, 2020 | Public Review Date: Oct 29, 2021 | Final Action Date: Dec 7, 2021 | [Approved](#)
- ▶ ANSI MH24.2-2019, Power-Operated Vertical Carousels and Vertical Lift Modules (revision of ANSI MH24.2-2016)  
PINS Date: Jun 16, 2017 | Public Review Date: Jan 25, 2019 | Final Action Date: Sep 16, 2019 | [Approved](#)
- ▶ ANSI MH26.2-2017, Design, Testing and Utilization of Welded-Wire Rack Decking (revision of ANSI MH26.2-2007)  
PINS Date: Nov 28, 2014 | Public Review Date: Aug 26, 2016 | Final Action Date: Feb 17, 2017 | [Approved](#)
- ▶ ANSI MH27.1-2016, Patented Track Underhung Cranes and Monorail Systems (revision of ANSI MH27.1-2003 (R2009))  
PINS Date: Mar 4, 2016 | Public Review Date: Apr 8, 2016 | Final Action Date: Jun 30, 2016 | [Approved](#)
- ▶ ANSI MH27.2-2017, Enclosed Track Underhung Cranes and Monorail Systems (revision of ANSI MH27.2-2003 (R2009))  
PINS Date: Mar 4, 2016 | Public Review Date: Nov 11, 2016 | Final Action Date: Apr 3, 2017 | [Approved](#)
- ▶ ANSI MH28.2-2022, Design, Testing, and Utilization of Industrial Boltless Steel Shelving (revision of ANSI MH28.2-2018)  
PINS Date: Oct 2, 2020 | Public Review Date: Dec 17, 2021 | Final Action Date: Feb 4, 2022 | [Approved](#)
- ▶ ANSI MH28.3-2022, Design, Testing, and Utilization of Industrial Steel Work Platforms (revision of ANSI MH28.3-2018)  
PINS Date: Oct 2, 2020 | Public Review Date: Dec 17, 2021 | Final Action Date: Feb 1, 2022 | [Approved](#)
- ▶ ANSI MH29.1-2020, Safety Requirements for Industrial Scissors Lifts (revision of ANSI MH29.1-2012)  
PINS Date: Dec 22, 2017 | Public Review Date: Apr 17, 2020 | Final Action Date: May 19, 2020 | [Approved](#)
- ▶ ANSI MH29.2-2020, Safety Requirements for Industrial Tilters (new standard)  
PINS Date: Jul 27, 2018 | Public Review Date: Apr 5, 2019 | Final Action Date: Apr 3, 2020 | [Approved](#)
- ▶ ANSI MH30.1-2022, Design, Testing, and Utilization of Dock Leveling Devices (revision of ANSI MH30.1-2015)  
PINS Date: Mar 18, 2022 | Public Review Date: Sep 2, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)

**MHI (Material Handling Industry)**

- ▶ ANSI MH30.2-2022, Design, Testing, and Utilization of Portable Dock Boards and Dock Plates (revision of ANSI/MH30.2-2015)  
PINS Date: Mar 18, 2022 | Public Review Date: Sep 2, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)
- ▶ ANSI MH30.3-2022, Design, Testing, and Utilization of Vehicle Restraining Devices (revision of ANSI/MH30.3-2015)  
PINS Date: Mar 18, 2022 | Public Review Date: Sep 2, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)
- ▶ ANSI MH31.1-2019, Steel Mesh Containment Panels Used in Pallet Rack and Vertical Storage System Applications: Performance and Testing Requirements (new standard)  
PINS Date: Dec 21, 2018 | Public Review Date: Feb 8, 2019 | Final Action Date: Dec 19, 2019 | [Approved](#)
- ▶ ANSI MH31.2-2021, Test Method for Crash Testing Industrial Guardrail Barriers and Barrier Posts (new standard)  
PINS Date: Dec 21, 2018 | Public Review Date: Nov 27, 2020 | Final Action Date: Mar 24, 2021 | [Approved](#)
- ▶ ANSI/MH32.1-2018, Stairs, Ladders, and Open-Edge Guards for Use with Material Handling Structures (new standard)  
PINS Date: May 11, 2018 | Public Review Date: Jun 22, 2018 | Final Action Date: Nov 30, 2018 | [Approved](#)
- ▶ ANSI/MHI ECMA 15-2018, Cable-less Controls for Electric Overhead Traveling Cranes (revision of ANSI/MHI ECMA 15-2010)  
PINS Date: Mar 2, 2018 | Public Review Date: Sep 21, 2018 | Final Action Date: Nov 30, 2018 | [Approved](#)
- ▶ ANSI/MHI ECMA 25-2019, AC Inverters for Use on Electric Overhead Monorail, and Gantry Graveling Cranes (new standard)  
PINS Date: Dec 21, 2018 | Public Review Date: Jan 25, 2019 | Final Action Date: Jul 29, 2019 | [Approved](#)
- ▶ ANSI/MHI ECMA 35-2018, Electrification Systems for Electric Overhead Traveling Cranes (new standard)  
PINS Date: Nov 10, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Jul 11, 2018 | [Approved](#)
- ▶ ANSI/MHI ICWM-2018, Vocabulary, Performance and Testing Requirements for Casters and Wheels (revision of ANSI/MHI ICWM-2012)  
PINS Date: Jun 16, 2017 | Public Review Date: Aug 4, 2017 | Final Action Date: Jun 11, 2018 | [Approved](#)

**MHI (ASC MHC) (Material Handling Industry)**

8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217 | w: [www.mhi.org](http://www.mhi.org)

- ▶ ANSI MH1-2021, Pallets, Slip Sheets, and Other Bases for Unit Loads (revision of ANSI MH1-2019)  
PINS Date: Sep 25, 2020 | Public Review Date: Feb 5, 2021 | Final Action Date: May 7, 2021 | [Approved](#)
- ▶ ANSI MH10.8.12-2011 (R2018), Standard for Material Handling - Component Marking (reaffirmation of ANSI MH10.8.12-2011)  
Public Review Date: Feb 9, 2018 | Final Action Date: Sep 6, 2018 | [Approved](#)
- ▶ ANSI MH10.8.13-2016, Material Handling - Label testing procedures for pressure-sensitive adhesive labels to be used for bar codes, other markings, and as carriers for other AIDC media. (new standard)  
PINS Date: Feb 1, 2008 | Public Review Date: May 1, 2015 | Final Action Date: May 12, 2016 | [Approved](#)
- ▶ ANSI MH10.8.15-2018 (R2018), Material Handling - Specification for XML Reader Output from ISO/IEC 15434-formatted AIDC Data (reaffirmation of ANSI MH10.8.15-2011)  
Public Review Date: Feb 9, 2018 | Final Action Date: Sep 6, 2018 | [Approved](#)
- ▶ ANSI MH10.8.2-2016, Data Identifier and Application Identifier Standard (revision of ANSI MH10.8.2-2010)  
Public Review Date: Jan 22, 2016 | Final Action Date: Jun 10, 2016 | [Approved](#)
- ▶ ANSI MH10.8.2-2021, Data Identifiers (revision of ANSI MH10.8.2-2016)  
Public Review Date: Nov 27, 2020 | Final Action Date: Feb 11, 2021 | [Approved](#)

**MHI (ASC MHC) (Material Handling Industry)**

- ▶ ANSI MH10.8.3-2002 (R2012), Standard for Material Handling - Syntax for High Capacity ADC Media (new standard)  
Public Review Date: Feb 3, 2012 | Final Action Date: Nov 21, 2012 | [Approved](#)
- ▶ ANSI/MH 10.8.17-2017, Item Unique Identification (IUID) Data Matrix Encoding Guideline (new standard)  
PINS Date: Apr 18, 2014 | Public Review Date: Jul 8, 2016 | Final Action Date: Feb 14, 2017 | [Approved](#)

**MSS (Manufacturers Standardization Society )**

127 Park Street, NE, Vienna, VA 22180-4602 | w: [www.mss-hq.org](http://www.mss-hq.org)

- ▶ ANSI/MSS SP-114-2018, Corrosion Resistant Pipe Fittings, Threaded and Socket-Welding, Class 150 and 1000 (revision of ANSI/MSS SP-114-2007)  
PINS Date: Nov 20, 2015 | Public Review Date: Feb 5, 2016 | Final Action Date: Nov 16, 2018 | [Approved](#)
- ▶ ANSI/MSS SP-122-2017, Plastic Industrial Ball Valves (new standard)  
PINS Date: Jul 15, 2016 | Public Review Date: Aug 18, 2017 | Final Action Date: Nov 20, 2017 | [Approved](#)
- ▶ ANSI/MSS SP-134-2012, Valves for Cryogenic Service, including Requirements for Body/Bonnet Extensions (new standard)  
PINS Date: Sep 20, 2013 | Public Review Date: Aug 22, 2014 | Final Action Date: Oct 12, 2015 | [Approved](#)
- ▶ ANSI/MSS SP-135-2022, High Pressure Knife Gate Valves (revision of ANSI/MSS SP-135-2016)  
PINS Date: Nov 13, 2020 | Public Review Date: Dec 17, 2021 | Final Action Date: Feb 1, 2022 | [Approved](#)
- ▶ ANSI/MSS SP-138-2023, Quality Standard Practice for Oxygen Cleaning of Valves and Fittings (revision of ANSI/MSS SP-138-2014)  
PINS Date: Oct 2, 2020 | Public Review Date: Jun 24, 2022 | Final Action Date: Jan 19, 2023 | [Approved](#)
- ▶ ANSI/MSS SP-144-2020, Pressure-Seal Bonnet Valves (revision of ANSI/MSS SP-144-2013)  
PINS Date: Jan 3, 2020 | Public Review Date: May 22, 2020 | Final Action Date: Jul 7, 2020 | [Approved](#)
- ▶ ANSI/MSS SP-25-2018, Standard Marking System for Valves, Fittings, Flanges, and Unions (revision of ANSI/MSS SP-25-2013)  
PINS Date: Jun 9, 2017 | Public Review Date: Jul 28, 2017 | Final Action Date: Mar 29, 2018 | [Approved](#)
- ▶ ANSI/MSS SP-44-2019, Steel Pipeline Flanges (revision of ANSI/MSS SP-44-2016)  
PINS Date: Aug 30, 2019 | Public Review Date: Feb 21, 2020 | Final Action Date: Apr 10, 2020 | [Approved](#)
- ▶ ANSI/MSS SP-58-2018, Pipe Hangers and Supports - Materials, Design, Manufacture, Selection, Application, and Installation (revision of ANSI/MSS SP-58-2009)  
PINS Date: Oct 18, 2013 | Public Review Date: Dec 22, 2017 | Final Action Date: Feb 28, 2018 | [Approved](#)
- ▶ ANSI/MSS SP-96-2017, Terminology for Valves, Fittings, and Their Related Components (revision of ANSI/MSS SP-96-2011)  
PINS Date: May 6, 2016 | Public Review Date: Oct 14, 2016 | Final Action Date: Jan 6, 2017 | [Approved](#)

**MTConnect (MTConnect Institute)**

7901 Jones Branch Drive, Suite 900, McLean, VA 22102 | w: <http://www.amtonline.org>

- ▶ ANSI/MTC1.4-2018, MTConnect Standard V1.4 (new standard)  
PINS Date: May 25, 2018 | Public Review Date: Jul 13, 2018 | Final Action Date: Dec 7, 2018 | [Approved](#)

**NAAMM (National Association of Architectural Metal Manufacturers)**123 College Place, #1101, Norfolk, VA 23510 | w: [www.naamm.org](http://www.naamm.org)

- ▶ ANSI/NAAMM HMMA 801-2012 (R2018), Glossary of Terms for Hollow Metal Doors and Frames (reaffirmation of ANSI/NAAMM HMMA 801-2012)  
PINS Date: May 5, 2017 | Public Review Date: May 4, 2018 | Final Action Date: Jun 29, 2018 | [Approved](#)
- ▶ ANSI/NAAMM HMMA 840-2017, Guide Specification for the Receipt, Storage and Installation of Hollow Metal Doors and Frames (new standard)  
PINS Date: Nov 19, 2010 | Public Review Date: Feb 17, 2017 | Final Action Date: Nov 1, 2017 | [Approved](#)
- ▶ ANSI/NAAMM HMMA 841-2013 (R2019), Tolerances and Clearances for Commercial Hollow Metal Doors and Frames (reaffirmation of ANSI/NAAMM HMMA 841-2013)  
PINS Date: Mar 23, 2018 | Public Review Date: Nov 30, 2018 | Final Action Date: Feb 1, 2019 | [Approved](#)
- ▶ ANSI/NAAMM HMMA 860-2018, Guide Specifications For Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 860-2013)  
PINS Date: Mar 23, 2018 | Public Review Date: Aug 3, 2018 | Final Action Date: Nov 1, 2018 | [Approved](#)
- ▶ ANSI/NAAMM HMMA 861-2014, Guide Specifications for Commercial Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 861-2006)  
PINS Date: Jan 31, 2014 | Public Review Date: May 9, 2014 | Final Action Date: Sep 15, 2014 | [Approved](#)
- ▶ ANSI/NAAMM HMMA 862-2013, Guide Specification for Commercial Security Hollow Metal Doors (revision of ANSI/NAAMM HMMA 862-2003)  
PINS Date: Nov 19, 2010 | Public Review Date: Jun 7, 2013 | Final Action Date: Aug 5, 2013 | [Approved](#)
- ▶ ANSI/NAAMM HMMA 863-2014, Guide Specification for Detention Sescurity Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 863-2004)  
PINS Date: Nov 19, 2010 | Public Review Date: May 9, 2014 | Final Action Date: Sep 15, 2014 | [Approved](#)
- ▶ ANSI/NAAMM HMMA 865-2013, Guide Spacifications for Sound Control Hollow Metal Door and Frame Assemblies (revision of ANSI/NAAMM HMMA 865-2003)  
PINS Date: Nov 19, 2010 | Public Review Date: Nov 16, 2012 | Final Action Date: Feb 27, 2013 | [Approved](#)
- ▶ ANSI/NAAMM HMMA 866-2012 (R2018), Guide Specifications for Stainless Steel Hollow Metal Doors and Frames (reaffirmation of ANSI/NAAMM HMMA 866-2012)  
PINS Date: May 5, 2017 | Public Review Date: Apr 27, 2018 | Final Action Date: Jun 29, 2018 | [Approved](#)
- ▶ ANSI/NAAMM HMMA 867-2016, Guide Specification for Commercial Laminated Core Hollow Metal Doors and Frames (revision of ANSI/NAAMM HMMA 867-2006)  
PINS Date: Oct 10, 2014 | Public Review Date: Jan 22, 2016 | Final Action Date: Apr 1, 2016 | [Approved](#)
- ▶ ANSI/NAAMM MBG 531-2017, Metal Bar Grating Manual (revision of ANSI/NAAMM MBG 531-2009)  
PINS Date: May 9, 2014 | Public Review Date: Apr 29, 2016 | Final Action Date: Sep 7, 2017 | [Approved](#)
- ▶ ANSI/NAAMM MBG 532-2019, Heavy Duty Metal Bar Grating Manual (revision of ANSI/NAAMM MBG 532-2009)  
PINS Date: May 9, 2014 | Public Review Date: Mar 15, 2019 | Final Action Date: Jun 3, 2019 | [Approved](#)
- ▶ ANSI/NAAMM MBG 533-2021, Welding Standards for Fabrication of Steel, Stainless Steel and Aluminum Bar Grating (new standard)  
PINS Date: May 9, 2014 | Public Review Date: Mar 5, 2021 | Final Action Date: Aug 23, 2021 | [Approved](#)
- ▶ ANSI/NAAMM MBG 534-2014, Metal Bar Grating Engineering Design Manual (new standard)  
PINS Date: Nov 19, 2010 | Public Review Date: Feb 1, 2013 | Final Action Date: Sep 30, 2014 | [Approved](#)

**NALFA (North American Laminate Flooring Association)**

1747 Pennsylvania Avenue, NW, Suite 1000, Washington, DC 20006 | w: [www.nalfa.com](http://www.nalfa.com)

- ▶ ANSI/NALFA LF-01-2019, Laminate Flooring Specifications and Test Methods (revision of ANSI/NALFA LF-01-2010)  
PINS Date: Aug 25, 2017 | Public Review Date: Aug 31, 2018 | Final Action Date: Jun 21, 2019 | [Approved](#)
- ▶ ANSI/NALFA LF-02-2019, Sustainability Assessment of Laminate Flooring (revision of ANSI/NALFA LF-02-2010)  
PINS Date: Aug 25, 2017 | Public Review Date: Aug 31, 2018 | Final Action Date: Jun 21, 2019 | [Approved](#)
- ▶ ANSI/NALFA LF-03-2019, Flooring Underlayment Specifications and Test Methods (new standard)  
PINS Date: Aug 25, 2017 | Public Review Date: Aug 31, 2018 | Final Action Date: Jun 21, 2019 | [Approved](#)

**NAPSA (North American Power Sweeping Association)**

P.O. Box 1166, Lebanon, OH 45036 | w: [www.PowerSweeping.org](http://www.PowerSweeping.org)

- ▶ ANSI/NAPSA PSS1000-2018, NAPSA Power Sweeping Standard 2018 (new standard)  
PINS Date: Aug 24, 2018 | Public Review Date: Oct 19, 2018 | Final Action Date: Dec 17, 2018 | [Approved](#)

**NASBLA (National Association of State Boating Law Administrators)**

1020 Monarch Street, Suite 200, Lexington, KY 40513 | w: [www.nasbla.org](http://www.nasbla.org)

- ▶ ANSI/NASBLA 100-2022, Basic Boating Knowledge - Core (new standard)  
PINS Date: Jul 12, 2019 | Public Review Date: Oct 15, 2021 | Final Action Date: Feb 10, 2022 | [Approved](#)
- ▶ ANSI/NASBLA 101-2022, Basic Boating Knowledge - Plus Human-Propelled (revision of ANSI/NASBLA 101-2017)  
PINS Date: Jul 12, 2019 | Public Review Date: Aug 13, 2021 | Final Action Date: Feb 10, 2022 | [Approved](#)
- ▶ ANSI/NASBLA 102-2022, Basic Boating Knowledge - Plus Sailing (revision of ANSI/NASBLA 102-2017)  
PINS Date: Jul 12, 2019 | Public Review Date: May 7, 2021 | Final Action Date: Feb 10, 2022 | [Approved](#)
- ▶ ANSI/NASBLA 103-2022, Basic Boating Knowledge - Plus Power (revision of ANSI/NASBLA 103-2016)  
PINS Date: Jul 12, 2019 | Public Review Date: May 7, 2021 | Final Action Date: Feb 10, 2022 | [Approved](#)
- ▶ ANSI/NASBLA 103.1-2022 , Supplement - Basic Boating Knowledge - Plus Water-Jet Propelled (revision of ANSI/NASBLA 103.1-2018)  
PINS Date: Jul 12, 2019 | Public Review Date: May 7, 2021 | Final Action Date: Feb 10, 2022 | [Approved](#)

**NASPO (North American Security Products Organization)**

1300 I Street, NW, Suite 400E, Washington, DC 20005 | w: [www.naspo.info](http://www.naspo.info)

- ▶ ANSI/NASPO BC-2019, Minimum Security Requirements for United States Birth Certification Documents (new standard)  
PINS Date: Mar 4, 2016 | Public Review Date: Nov 23, 2018 | Final Action Date: Apr 9, 2019 | [Approved](#)
- ▶ ANSI/NASPO IDV-2018, Requirements and Implementation Guidelines for Assertion, Resolution, Evidence and Verification of Personal Identity (new standard)  
PINS Date: Mar 24, 2017 | Public Review Date: Nov 10, 2017 | Final Action Date: Mar 8, 2018 | [Approved](#)
- ▶ ANSI/NASPO SA-2015, NASPO Security Management System (revision of ANSI/NASPO-SA-2013)  
PINS Date: Jun 6, 2014 | Public Review Date: Dec 19, 2014 | Final Action Date: Mar 2, 2015 | [Approved](#)
- ▶ ANSI/NASPO SD 01-2014, Minimum security requirements for security documents (new standard)  
PINS Date: Nov 11, 2011 | Public Review Date: Jul 4, 2014 | Final Action Date: Sep 24, 2014 | [Approved](#)

**NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)**

1055 Crupper Avenue, Columbus, OH 43229-1183 | w: [www.nationalboard.org](http://www.nationalboard.org)

- ▶ ANSI/NB-23 2021 Edition-2021, National Board Inspection Code (revision, redesignation and consolidation of ANSI/NB-23-2019)

Public Review Date: Aug 28, 2020 | Final Action Date: Jan 4, 2021 | [Approved](#)

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- ▶ ANSI/NBBPVI NB-23-2023, The National Board Inspection Code (revision of ANSI/NB-23 2021 Edition-2021)

Public Review Date: Aug 26, 2022 | Final Action Date: Jan 5, 2023 | [Approved](#)

**NCMA (National Contract Management Association)**

21740 Beaumeade Circle, Suite 125, Ashburn, VA 20147 | w: [www.ncmahq.org](http://www.ncmahq.org)

- ▶ ANSI/NCMA ASD 1-2019 (R2022), Contract Management Standard (reaffirmation of ANSI/NCMA ASD 1-2019)

PINS Date: Dec 3, 2021 | Public Review Date: Feb 18, 2022 | Final Action Date: Jun 8, 2022 | [Approved](#)

**NCPDP (National Council for Prescription Drug Programs)**

9240 East Raintree Drive, Scottsdale, AZ 85260 | w: [www.ncpdp.org](http://www.ncpdp.org)

- ▶ ANSI/NCPDP SC Standard 2020101-2020, NCPDP SCRIPT Standard v2020101 (revision and redesignation of ANSI/NCPDP SC Standard 2020011-2019)

Public Review Date: Mar 13, 2020 | Final Action Date: Aug 28, 2020 | [Approved](#)

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- ▶ ANSI/NCPDP Audit Transaction v2.1-2013, NCPDP Audit Transaction Standard Version 2.1-201x (revision and redesignation of ANSI/NCPDP Audit Transaction v1.0-2011)

Public Review Date: Dec 14, 2012 | Final Action Date: Apr 10, 2013 | [Approved](#)

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- ▶ ANSI/NCPDP Audit Transaction v3.0-2014, NCPDP Audit Transaction Standard Version 30-201x (revision and redesignation of ANSI/NCPDP Audit Transaction v2.1-2013)

Public Review Date: Dec 6, 2013 | Final Action Date: Apr 21, 2014 | [Approved](#)

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- ▶ ANSI/NCPDP Audit Transaction v31-2016, NCPDP Audit Transaction Standard v31 (revision and redesignation of ANSI/NCPDP Audit Transaction v3.0-2014)

Public Review Date: Mar 4, 2016 | Final Action Date: Aug 18, 2016 | [Approved](#)

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- ▶ ANSI/NCPDP Audit Transaction v32-2017, NCPDP Audit Transaction Standard v32 (revision and redesignation of ANSI/NCPDP Audit Transaction v31-2016)

Public Review Date: Sep 2, 2016 | Final Action Date: Apr 4, 2017 | [Approved](#)

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- ▶ ANSI/NCPDP Audit Transaction v33-2017, NCPDP Audit Transaction Standard v33 (revision and redesignation of BSR/NCPDP Audit Transaction v32-201x)

Public Review Date: Mar 10, 2017 | Final Action Date: Oct 26, 2017 | [Approved](#)

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- ▶ ANSI/NCPDP Audit Transaction v34-2019, NCPDP Audit Transaction Standard v34 (revision and redesignation of ANSI/NCPDP Audit Transaction v33-2017)

Public Review Date: Sep 14, 2018 | Final Action Date: Jan 18, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP Audit Transaction v35-2019, NCPDP Audit Transaction Standard v35 (revision and redesignation of ANSI/NCPDP Audit Transaction v34-2019)

Public Review Date: Sep 13, 2019 | Final Action Date: Dec 6, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP Benefit Integration Standard v13-2018, NCPDP Benefit Integration Standard v13 (revision and redesignation of ANSI/NCPDP Benefit Integration Standard v12-2017)

Public Review Date: Mar 9, 2018 | Final Action Date: Aug 13, 2018 | [Approved](#)

**NCPDP (National Council for Prescription Drug Programs)**

- ▶ ANSI/NCPDP Benefit Integration Standard v14-2019, NCPDP Benefit Integration Standard v14 (revision and redesignation of ANSI/NCPDP Benefit Integration Standard v13-2018)  
Public Review Date: Sep 14, 2018 | Final Action Date: Jan 18, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP Benefit Integration Standard v15-2019, NCPDP Benefit Integration Standard v15 (revision and redesignation of ANSI/NCPDP Benefit Integration Standard v14-2019)  
Public Review Date: Mar 15, 2019 | Final Action Date: Jul 19, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP Benefit Integration Standard v16-2019, NCPDP Benefit Integration Standard v16 (revision and redesignation of ANSI/NCPDP Benefit Integration Standard v15-2019)  
Public Review Date: Sep 13, 2019 | Final Action Date: Dec 6, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP Benefit Integration Standard v17-2021, NCPDP Benefit Integration Standard v17 (revision and redesignation of ANSI/NCPDP Benefit Integration Standard v16-2019)  
Public Review Date: Mar 12, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ ANSI/NCPDP BUS v3.1-2015, NCPDP Billing Unit Standard v3.1 (revision and redesignation of ANSI/NCPDP BUS V3.0-2009)  
Public Review Date: Feb 27, 2015 | Final Action Date: Jul 31, 2015 | [Approved](#)

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- ▶ ANSI/NCPDP BUS v4.0-2020, NCPDP Billing Unit Standard v4.0 (revision and redesignation of ANSI/NCPDP BUS v3.1)  
PINS Date: Jul 24, 2020 | Public Review Date: Sep 11, 2020 | Final Action Date: Dec 18, 2020 | [Approved](#)

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- ▶ ANSI/NCPDP FB v4.1-2013, NCPDP Formulary and Benefit Standard v4.1-201x (revision and redesignation of ANSI/NCPDP FB v4.0-2013)  
Public Review Date: Jun 14, 2013 | Final Action Date: Oct 3, 2013 | [Approved](#)

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- ▶ ANSI/NCPDP FB v4.2-2014, NCPDP Formulary and Benefit Standard v4.2-201x (revision and redesignation of ANSI/NCPDP FB v4.1-2013)  
Public Review Date: May 30, 2014 | Final Action Date: Oct 6, 2014 | [Approved](#)

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- ▶ ANSI/NCPDP FB v4.3-2015, NCPDP Formulary and Benefit Standard v4.3 (revision and redesignation of ANSI/NCPDP FB v4.2-2014)  
Public Review Date: Sep 5, 2014 | Final Action Date: Jan 21, 2015 | [Approved](#)

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- ▶ ANSI/NCPDP FB v4.4-2015, NCPDP Formulary and Benefit Standard v44 (revision and redesignation of ANSI/NCPDP FB v4.3-2015)  
Public Review Date: Feb 27, 2015 | Final Action Date: Dec 9, 2015 | [Approved](#)

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- ▶ ANSI/NCPDP FB v50-2016, NCPDP Formulary and Benefit Standard v50 (revision and redesignation of ANSI/NCPDP FB v44-2015)  
Public Review Date: Mar 4, 2016 | Final Action Date: Nov 8, 2016 | [Approved](#)

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- ▶ ANSI/NCPDP FB v51-2017, NCPDP Formulary and Benefit Standard v51 (revision and redesignation of ANSI/NCPDP FB v50-2016)  
Public Review Date: Mar 10, 2017 | Final Action Date: Jul 28, 2017 | [Approved](#)

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- ▶ ANSI/NCPDP FB v52-2019, NCPDP Formulary and Benefit Standard v52 (revision and redesignation of ANSI/NCPDP FB v51-2017)  
Public Review Date: Sep 14, 2018 | Final Action Date: Jan 18, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP FB v53-2019, NCPDP Formulary and Benefit Standard v53 (revision and redesignation of ANSI/NCPDP FB v52-2019)  
Public Review Date: Sep 13, 2019 | Final Action Date: Dec 6, 2019 | [Approved](#)

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**NCPDP (National Council for Prescription Drug Programs)**

- ▶ ANSI/NCPDP FB v54-2021, NCPDP Formulary and Benefit Standard v54 (revision and redesignation of ANSI/NCPDP FB v53-2019)

Public Review Date: Mar 12, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ ANSI/NCPDP FB v55-2022, NCPDP Formulary and Benefit Standard v55 (revision and redesignation of ANSI/NCPDP FB v54-2021)

Public Review Date: Mar 11, 2022 | Final Action Date: May 19, 2022 | [Approved](#)

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- ▶ ANSI/NCPDP FIR v1.3-2017, NCPDP Financial Information Reporting Standard v1.3 (revision and redesignation of ANSI/NCPDP FIR V1.2-2009)

Public Review Date: Sep 2, 2016 | Final Action Date: Jan 31, 2017 | [Approved](#)

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- ▶ ANSI/NCPDP FIR v14-2017, NCPDP Financial Information Reporting Standard v14 (revision and redesignation of ANSI/NCPDP FIR v1.3-2017)

Public Review Date: Mar 10, 2017 | Final Action Date: Jul 28, 2017 | [Approved](#)

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- ▶ ANSI/NCPDP FIR v15-2019, NCPDP Financial Information Reporting Standard v15 (revision and redesignation of ANSI/NCPDP FIR v14-2017)

Public Review Date: Sep 14, 2018 | Final Action Date: Jan 18, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP Medicaid Pharmacy Encounters Reporting Standard V10-2022, NCPDP Medicaid Pharmacy Encounters Reporting Standard V10 (new standard)

PINS Date: Sep 29, 2017 | Public Review Date: Mar 11, 2022 | Final Action Date: May 19, 2022 | [Approved](#)

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- ▶ ANSI/NCPDP Medical Rebate Standard v02.01-2013, NCPDP Medical Rebate Data Submission Standard v02.01 (revision and redesignation of ANSI/NCPDP Medical Rebate Standard v01.00-2011)

Public Review Date: Dec 14, 2012 | Final Action Date: Apr 10, 2013 | [Approved](#)

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- ▶ ANSI/NCPDP Medical Rebate Standard v02.02-2014, NCPDP Medical Rebate Data Submission Implementation Guide v02.02-201x (revision and redesignation of ANSI/NCPDP Medical Rebate Standard v02.01-2013)

Public Review Date: Dec 6, 2013 | Final Action Date: Apr 21, 2014 | [Approved](#)

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- ▶ ANSI/NCPDP MR v06.01-2013, NCPDP Manufacturer Rebate Utilization, Plan, Formulary, Market Basket, and Reconciliation Flat File Standard v06.01-201x (revision and redesignation of ANSI/NCPDP MR v06.00-2013)

Public Review Date: Dec 14, 2012 | Final Action Date: Oct 17, 2013 | [Approved](#)

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- ▶ ANSI/NCPDP MR v07.00-2014, NCPDP Manufacturer Rebate Utilization, Plan, Formulary, Market Basket, and Reconciliation Flat File Standard v07.00-201x (revision and redesignation of ANSI/NCPDP MR v06.01-2013)

Public Review Date: Jun 14, 2013 | Final Action Date: Feb 28, 2014 | [Approved](#)

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- ▶ ANSI/NCPDP MR v07.01-2014, NCPDP Manufacturer Rebate Utilization, Plan, Formulary, Market Basket, and Reconciliation Flat File Standard (revision and redesignation of ANSI/NCPDP MR v07.00-2014)

Public Review Date: Dec 6, 2013 | Final Action Date: Apr 22, 2014 | [Approved](#)

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- ▶ ANSI/NCPDP MR v07.02-2018, NCPDP Manufacturer Rebate Utilization, Plan, Formulary, Market Basket, and Reconciliation Flat File Standard v07.02-201x (revision and redesignation of ANSI/NCPDP MR v07.01-2014)

Public Review Date: Sep 8, 2017 | Final Action Date: Jan 24, 2018 | [Approved](#)

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- ▶ ANSI/NCPDP MR v07.03-2019, NCPDP Manufacturer Rebate Utilization, Plan, Formulary, Market Basket, and Reconciliation Flat File Standard v07.03 (revision and redesignation of ANSI/NCPDP MR v07.02-2018)

Public Review Date: Mar 15, 2019 | Final Action Date: Jul 19, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP MR V07.04-2021, NCPDP Manufacturer Rebate Utilization, Plan, Formulary, Market Basket, and Reconciliation Flat File Standard v07.04 (revision and redesignation of ANSI/NCPDP MR v07.03-2019)

Public Review Date: Sep 10, 2021 | Final Action Date: Dec 2, 2021 | [Approved](#)

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**NCPDP (National Council for Prescription Drug Programs)**

- ▶ ANSI/NCPDP PA Transfer v21-2016, NCPDP Prior Authorization Transfer Standard v21 (revision and redesignation of ANSI/NCPDP PA Transfer v2.0-2013)  
Public Review Date: Mar 4, 2016 | Final Action Date: Aug 22, 2016 | [Approved](#)

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- ▶ ANSI/NCPDP PA Transfer v22-2017, NCPDP Prior Authorization Transfer Standard v22 (revision and redesignation of ANSI/NCPDP PA Transfer v21-2016)  
Public Review Date: Sep 2, 2016 | Final Action Date: Apr 4, 2017 | [Approved](#)

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- ▶ ANSI/NCPDP PA Transfer v23-2019, NCPDP Prior Authorization Transfer Standard v23 (revision and redesignation of ANSI/NCPDP PA Transfer v22-2017)  
Public Review Date: Sep 14, 2018 | Final Action Date: Jan 18, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP PA Transfer v24-2019, NCPDP Prior Authorization Transfer Standard v24 (revision and redesignation of ANSI/NCPDP PA Transfer v23-2019)  
Public Review Date: Mar 15, 2019 | Final Action Date: Jul 19, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP PA Transfer v25-2019, NCPDP Prior Authorization Transfer Standard v25 (revision and redesignation of ANSI/NCPDP PA Transfer v24-2019)  
Public Review Date: Sep 13, 2019 | Final Action Date: Dec 6, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP PA Transfer v26-2021, NCPDP Prior Authorization Transfer Standard v26 (revision and redesignation of ANSI/NCPDP PA Transfer v25-2019)  
Public Review Date: Mar 12, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ ANSI/NCPDP PDMP Reporting Standard v12-2019, NCPDP Prescription Drug Monitoring Programs (PDMP) Reporting Standard v12 (revision and redesignation of ANSI/NCPDP PDMP Reporting Standard v11-2019)  
Public Review Date: Sep 13, 2019 | Final Action Date: Dec 6, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP PDMP Reporting Standard v13-2020, NCPDP Prescription Drug Monitoring Programs (PDMP) Reporting Standard v13 (revision and redesignation of ANSI/NCPDP PDMP Reporting Standard v12-2019)  
Public Review Date: Mar 13, 2020 | Final Action Date: Aug 28, 2020 | [Approved](#)

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- ▶ ANSI/NCPDP PDMP Reporting Standard v14-2021, NCPDP Prescription Drug Monitoring Programs (PDMP) Reporting Standard v14 (revision and redesignation of ANSI/NCPDP PDMP Reporting Standard v13-2020)  
Public Review Date: Mar 12, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ ANSI/NCPDP PDMP Reporting Standard v15-2022, NCPDP Prescription Drug Monitoring Programs (PDMP) Reporting Standard v15 (revision and redesignation of ANSI/NCPDP PDMP Reporting Standard v14-2021)  
Public Review Date: Mar 11, 2022 | Final Action Date: May 19, 2022 | [Approved](#)

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- ▶ ANSI/NCPDP Post Adj v4.0-2013, NCPDP Post Adjudication Standard v4.0-2013 (revision and redesignation of ANSI/NCPDP Post Adj v3.1-2012)  
Public Review Date: Jun 8, 2012 | Final Action Date: Feb 20, 2013 | [Approved](#)

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- ▶ ANSI/NCPDP Post Adj v4.1-2013, NCPDP Post Adjudication Standard v4.1-2013 (revision and redesignation of ANSI/NCPDP Post Adj v4.0-2013)  
Public Review Date: Oct 5, 2012 | Final Action Date: Feb 27, 2013 | [Approved](#)

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- ▶ ANSI/NCPDP Post Adj v4.2-2013, NCPDP Post Adjudication Standard v4.2-2013 (revision and redesignation of ANSI/NCPDP Post Adj v4.1-2013)  
Public Review Date: Dec 14, 2012 | Final Action Date: Apr 10, 2013 | [Approved](#)

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- ▶ ANSI/NCPDP Post Adj v43-2014, NCPDP Post Adjudication Standard v43-201x (revision and redesignation of ANSI/NCPDP Post Adj v4.2-2013)  
Public Review Date: Dec 6, 2013 | Final Action Date: Apr 22, 2014 | [Approved](#)

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**NCPDP (National Council for Prescription Drug Programs)**

- ▶ ANSI/NCPDP Post Adj v44-2014, NCPDP Post Adjudication Standard v4.4-201x (revision and redesignation of ANSI/NCPDP Post Adj v4.3-2014)  
Public Review Date: May 30, 2014 | Final Action Date: Oct 6, 2014 | [Approved](#)

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- ▶ ANSI/NCPDP Post Adj v45-2016, NCPDP Post Adjudication Standard v45 (revision and redesignation of ANSI/NCPDP Post Adj v44-2014)  
Public Review Date: Mar 4, 2016 | Final Action Date: Aug 18, 2016 | [Approved](#)

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- ▶ ANSI/NCPDP Post Adj v46-2017, NCPDP Post Adjudication Standard v46 (revision and redesignation of ANSI/NCPDP Post Adj v45-2016)  
Public Review Date: Sep 2, 2016 | Final Action Date: Apr 4, 2017 | [Approved](#)

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- ▶ ANSI/NCPDP Post Adj v47-2017, NCPDP Post Adjudication Standard V47 (revision and redesignation of BSR/NCPDP Post Adj v46-201x)  
Public Review Date: Mar 10, 2017 | Final Action Date: Oct 25, 2017 | [Approved](#)

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- ▶ ANSI/NCPDP Post Adj v48-2018, NCPDP Post Adjudication Standard v48 (revision and redesignation of ANSI/NCPDP Post Adj v47-2017)  
Public Review Date: Mar 9, 2018 | Final Action Date: Jul 24, 2018 | [Approved](#)

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- ▶ ANSI/NCPDP Post Adj v49-2019, NCPDP Post Adjudication Standard v49 (revision and redesignation of ANSI/NCPDP Post Adj v48-2018)  
Public Review Date: Sep 14, 2018 | Final Action Date: Jan 29, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP Post Adj v50-2019, NCPDP Post Adjudication Standard v50 (revision and redesignation of ANSI/NCPDP Post Adj v49-2019)  
Public Review Date: Mar 15, 2019 | Final Action Date: Jul 19, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP Post Adj v51-2019, NCPDP Post Adjudication Standard v51 (revision and redesignation of ANSI/NCPDP Post Adj v50-2019)  
Public Review Date: Sep 13, 2019 | Final Action Date: Dec 6, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP Post Adj v52-2021, NCPDP Post Adjudication Standard v52 (revision and redesignation of ANSI/NCPDP Post Adj v51-2019)  
Public Review Date: Mar 12, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ ANSI/NCPDP Post Adj V53-2021, NCPDP Post Adjudication Standard V53 (revision and redesignation of ANSI/NCPDP Post Adj v52-2021)  
Public Review Date: Sep 10, 2021 | Final Action Date: Dec 2, 2021 | [Approved](#)

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- ▶ ANSI/NCPDP Prescription File Transfer Standard v33-2014, NCPDP Prescription File Transfer Standard v33-201x (revision and redesignation of ANSI/NCPDP Prescription Transfer Standard v3.2-2013)  
Public Review Date: Dec 6, 2013 | Final Action Date: Aug 5, 2014 | [Approved](#)

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- ▶ ANSI/NCPDP Prescription Transfer Standard v3.1-2013, NCPDP Prescription Transfer Standard v3.1-2013 (revision and redesignation of ANSI/NCPDP Prescription Transfer Standard v2.0-2010)  
Public Review Date: Dec 14, 2012 | Final Action Date: Apr 10, 2013 | [Approved](#)

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- ▶ ANSI/NCPDP Prescription Transfer Standard v3.2-2013, NCPDP Prescription File Transfer Standard v3.2-201x (revision and redesignation of ANSI/NCPDP Prescription Transfer Standard v3.1-2013)  
Public Review Date: Jun 14, 2013 | Final Action Date: Oct 3, 2013 | [Approved](#)

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- ▶ ANSI/NCPDP Prescription Transfer Standard v34-2016, NCPDP Prescription File Transfer Standard v34 (revision and redesignation of ANSI/NCPDP Prescription Transfer Standard v33-2014)  
Public Review Date: Mar 4, 2016 | Final Action Date: Aug 22, 2016 | [Approved](#)

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**NCPDP (National Council for Prescription Drug Programs)**

- ▶ ANSI/NCPDP Prescription Transfer Standard v35-2017, NCPDP Prescription Transfer Standard v35 (revision and redesignation of ANSI/NCPDP Prescription Transfer Standard v34-2016)  
Public Review Date: Sep 2, 2016 | Final Action Date: Mar 2, 2017 | [Approved](#)

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- ▶ ANSI/NCPDP Prescription Transfer Standard v36-2017, NCPDP Prescription File Transfer Standard v36 (revision and redesignation of ANSI/NCPDP Prescription Transfer Standard v35-2017)  
Public Review Date: Mar 10, 2017 | Final Action Date: Jul 28, 2017 | [Approved](#)

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- ▶ ANSI/NCPDP Prescription Transfer Standard v37-2019, NCPDP Prescription Transfer Standard v37 (revision and redesignation of ANSI/NCPDP Prescription Transfer Standard v36-2017)  
Public Review Date: Oct 5, 2018 | Final Action Date: Jan 29, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP Prescription Transfer Standard v38-2019, NCPDP Prescription Transfer Standard v38 (revision and redesignation of ANSI/NCPDP Prescription Transfer Standard v37-2019)  
Public Review Date: Sep 13, 2019 | Final Action Date: Dec 6, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP Prescription Transfer Standard v39-2021, NCPDP Prescription Transfer Standard v39 (revision and redesignation of ANSI/NCPDP Prescription Transfer Standard v38-2019)  
Public Review Date: Mar 12, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ ANSI/NCPDP Product Identifier v1.0-2014, NCPDP Product Identifier Standard v1.0 (new standard)  
PINS Date: Mar 15, 2013 | Public Review Date: May 30, 2014 | Final Action Date: Oct 6, 2014 | [Approved](#)

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- ▶ ANSI/NCPDP Product Identifier v1.1-2015, NCPDP Product Identifier Standard v1.1 (revision and redesignation of ANSI/NCPDP Product Identifier v1.0-2014)  
Public Review Date: Feb 27, 2015 | Final Action Date: Jul 31, 2015 | [Approved](#)

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- ▶ ANSI/NCPDP Product Identifier v1.2-2016, NCPDP Product Identifier Standard v1.2 (revision and redesignation of ANSI/NCPDP Product Identifier v1.1-2015)  
Public Review Date: Sep 11, 2015 | Final Action Date: Feb 29, 2016 | [Approved](#)

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- ▶ ANSI/NCPDP Product Identifier v1.3-2017, NCPDP Product Identifier Standard v1.3 (revision and redesignation of ANSI/NCPDP Product Identifier v1.2-2016)  
Public Review Date: Sep 2, 2016 | Final Action Date: Jan 31, 2017 | [Approved](#)

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- ▶ ANSI/NCPDP Product Identifier v1.4-2017, NCPDP Product Identifier Standard v1.4 (revision and redesignation of ANSI/NCPDP Product Identifier v1.3-2017)  
Public Review Date: Mar 10, 2017 | Final Action Date: Jul 28, 2017 | [Approved](#)

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- ▶ ANSI/NCPDP Product Identifier v1.5-2019, NCPDP Product Identifier Standard v1.5 (revision and redesignation of ANSI/NCPDP Product Identifier v1.4-2017)  
Public Review Date: Sep 13, 2019 | Final Action Date: Dec 6, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP Product Identifier v1.6-2021, NCPDP Product Identifier Standard v1.6 (revision and redesignation of ANSI/NCPDP Product Identifier v1.5-2019)  
Public Review Date: Sep 10, 2021 | Final Action Date: Dec 2, 2021 | [Approved](#)

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- ▶ ANSI/NCPDP RDS Standard v21-2018, NCPDP Retiree Drug Subsidy Standard Implementation Guide v21 (revision and redesignation of ANSI/NCPDP RDS Standard v2.0-2013)  
Public Review Date: Mar 9, 2018 | Final Action Date: Jul 24, 2018 | [Approved](#)

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- ▶ ANSI/NCPDP RDS Standard v22-2019, NCPDP Retiree Drug Subsidy Standard Implementation Guide v22 (revision and redesignation of ANSI/NCPDP RDS Standard v21-2018)  
Public Review Date: Sep 14, 2018 | Final Action Date: Jan 29, 2019 | [Approved](#)

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**NCPDP (National Council for Prescription Drug Programs)**

- ▶ ANSI/NCPDP RTPB Standard v10-2020, NCPDP Real-Time Prescription Benefit Standard v10 (revision and redesignation of ANSI/NCPDP RTPB Standard vBT-2019)  
Public Review Date: Mar 13, 2020 | Final Action Date: Aug 28, 2020 | [Approved](#)

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- ▶ ANSI/NCPDP RTPB Standard v11-2020, NCPDP Real-Time Prescription Benefit Standard v11 (revision and redesignation of ANSI/NCPDP RTPB Standard v10-2020)  
Public Review Date: Sep 11, 2020 | Final Action Date: Dec 18, 2020 | [Approved](#)

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- ▶ ANSI/NCPDP RTPB Standard v12-2021, NCPDP Real-Time Prescription Benefit Standard v12 (revision and redesignation of ANSI/NCPDP RTPB Standard v11-2020)  
Public Review Date: Jun 11, 2021 | Final Action Date: Sep 27, 2021 | [Approved](#)

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- ▶ ANSI/NCPDP RTPB Standard v13-2022, NCPDP RealTime Prescription Benefit Standard v13 (revision and redesignation of ANSI/NCPDP RTPB Standard v12-2021)  
Public Review Date: Mar 11, 2022 | Final Action Date: May 19, 2022 | [Approved](#)

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- ▶ ANSI/NCPDP RTPB Standard vBT-2019, NCPDP Real-Time Prescription Benefit Standard vBT (new standard)  
PINS Date: Apr 15, 2016 | Public Review Date: Sep 13, 2019 | Final Action Date: Dec 6, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP SC 2013011-2013, NCPDP SCRIPT Standard 2013011 (revision and redesignation of ANSI/NCPDP Specialized Standard 2012031-2012)  
Public Review Date: Jun 8, 2012 | Final Action Date: Feb 20, 2013 | [Approved](#)

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- ▶ ANSI/NCPDP SC 2013012-2013, NCPDP SCRIPT Standard 2013012 (revision and redesignation of ANSI/NCPDP SC 2013011-2013)  
Public Review Date: Sep 14, 2012 | Final Action Date: Feb 27, 2013 | [Approved](#)

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- ▶ ANSI/NCPDP SC 2014101-2014, NCPDP SCRIPT Standard 2014101 (revision and redesignation of NCPDP SC WG110060201xxx#)  
Public Review Date: May 30, 2014 | Final Action Date: Oct 6, 2014 | [Approved](#)

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- ▶ ANSI/NCPDP SC 2015071-2015, NCPDP SCRIPT Standard 2015071 (revision and redesignation of NCPDP SC WG110064201xxx)  
Public Review Date: Feb 27, 2015 | Final Action Date: Aug 4, 2015 | [Approved](#)

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- ▶ ANSI/NCPDP SC Standard 20130401-2013, NCPDP SCRIPT Standard 20130401 (revision of BSR/NCPDP SC WG110052201xxx#)  
Public Review Date: Dec 14, 2012 | Final Action Date: Apr 10, 2013 | [Approved](#)

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- ▶ ANSI/NCPDP SC Standard 2013101-2013, NCPDP SCRIPT Standard 2013101 (revision and redesignation of ANSI/NCPDP SC Standard 20130401-2013)  
Public Review Date: Jun 14, 2013 | Final Action Date: Oct 4, 2013 | [Approved](#)

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- ▶ ANSI/NCPDP SC Standard 2014071-2014, NCPDP SCRIPT Standard 2014071 (revision and redesignation of ANSI/NCPDP SCRIPT Standard 2014041-2014)  
Public Review Date: Dec 6, 2013 | Final Action Date: Aug 5, 2014 | [Approved](#)

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- ▶ ANSI/NCPDP SC Standard 2014072-2014, NCPDP SCRIPT Standard 2014072 (revision and redesignation of )  
Public Review Date: Mar 7, 2014 | Final Action Date: Aug 25, 2014 | [Approved](#)

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- ▶ ANSI/NCPDP SC Standard 2016041-2016, NCPDP SCRIPT Standard 2016041 (revision and redesignation of ANSI/NCPDP SC 2015071-2015)  
Public Review Date: Sep 11, 2015 | Final Action Date: Apr 25, 2016 | [Approved](#)

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- ▶ ANSI/NCPDP SC Standard 2016071-2016, NCPDP SCRIPT Standard 2016071 (revision and redesignation of ANSI/NCPDP SC Standard 2016041-2016)  
Public Review Date: Mar 4, 2016 | Final Action Date: Aug 22, 2016 | [Approved](#)

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**NCPDP (National Council for Prescription Drug Programs)**

- ▶ ANSI/NCPDP SC Standard 2017011-2017, NCPDP SCRIPT Standard 2017011 (revision and redesignation of ANSI/NCPDP SC Standard 2014071-2014)  
Public Review Date: Sep 2, 2016 | Final Action Date: Jan 31, 2017 | [Approved](#)

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- ▶ ANSI/NCPDP SC Standard 2018041-2018, NCPDP SCRIPT Standard 2018041 (revision and redesignation of ANSI/NCPDP SC Standard 2017071-2017)  
Public Review Date: Sep 8, 2017 | Final Action Date: May 9, 2018 | [Approved](#)

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- ▶ ANSI/NCPDP SC Standard 2018071-2018, NCPDP SCRIPT Standard 2018071 (revision and redesignation of BSR/NCPDP SC WG110077201xxx-201x)  
Public Review Date: Mar 9, 2018 | Final Action Date: Jul 27, 2018 | [Approved](#)

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- ▶ ANSI/NCPDP SC Standard 2019011-2019, NCPDP SCRIPT Standard 2019011 (revision and redesignation of ANSI/NCPDP SC Standard 2018071-2018)  
Public Review Date: Sep 14, 2018 | Final Action Date: Jan 29, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP SC Standard 2020011-2019, NCPDP SCRIPT Standard 2020011 (revision and redesignation of ANSI/NCPDP Specialized Standard 2019071-2019)  
Public Review Date: Sep 13, 2019 | Final Action Date: Dec 6, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP SC Standard 21090712019, NCPDP SCRIPT Standard 2019071x (revision and redesignation of ANSI/NCPDP SC Standard 2019011-2019)  
Public Review Date: Mar 15, 2019 | Final Action Date: Jul 19, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP SC Standard v2021011-2020, NCPDP SCRIPT Standard v2021011 (revision and redesignation of ANSI/NCPDP SC v2020101)  
Public Review Date: Sep 11, 2020 | Final Action Date: Dec 18, 2020 | [Approved](#)

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- ▶ ANSI/NCPDP SC Standard v2021071-2021, NCPDP SCRIPT Standard v2021071 (revision and redesignation of ANSI/NCPDP SC Standard v2021011-2020)  
Public Review Date: Mar 12, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ ANSI/NCPDP SC Standard v2022011-2021, NCPDP SCRIPT Standard v2022011 (revision and redesignation of ANSI/NCPDP SC Standard v2021071-2021, )  
Public Review Date: Sep 10, 2021 | Final Action Date: Dec 2, 2021 | [Approved](#)

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- ▶ ANSI/NCPDP SC V2022071-2022, NCPDP SC V2022071 (revision and redesignation of ANSI/NCPDP SC Standard v2022011-2021)  
Public Review Date: Mar 11, 2022 | Final Action Date: May 19, 2022 | [Approved](#)

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- ▶ ANSI/NCPDP SC v2023011-2023, NCPDP SC WG1100902023xx (revision and redesignation of ANSI/NCPDP SC V2022071-2022)  
Public Review Date: Sep 9, 2022 | Final Action Date: Jan 17, 2023 | [Approved](#)

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- ▶ ANSI/NCPDP SCRIPT 2015041-2015, NCPDP SCRIPT Standard 2015041 (revision and redesignation of BSR/NCPDP SC WG110060201xxx#)  
Public Review Date: Sep 5, 2014 | Final Action Date: May 19, 2015 | [Approved](#)

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- ▶ ANSI/NCPDP SCRIPT Standard 2014041-2014, NCPDP SCRIPT Standard 2014041 (revision and redesignation of ANSI/NCPDP SC Standard 2013101-2013)  
Public Review Date: Oct 18, 2013 | Final Action Date: Jun 2, 2014 | [Approved](#)

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- ▶ ANSI/NCPDP Specialized Standard 20130401-2013, NCPDP Specialized Standard 20130401 (revision of BSR/NCPDP Specialized Standard MC000005201xxx#, NCPDP Specialized, Standard 201xxx# (revision and redesignation of ANSI/NCPDP Specialized, Standard WG110051201xxx#))  
Public Review Date: Dec 14, 2012 | Final Action Date: Apr 10, 2013 | [Approved](#)

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**NCPDP (National Council for Prescription Drug Programs)**

- ▶ ANSI/NCPDP Specialized Standard 2013071-2013, Ncpdp Specialized Standard 2013071 (revision and redesignation of BSR/NCPDP Specialized Standard MC000005201xxx#)  
Public Review Date: Mar 8, 2013 | Final Action Date: Sep 17, 2013 | [Approved](#)

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- ▶ ANSI/NCPDP Specialized Standard 2013101-2013, NCPDP Specialized Standard 2013101 (revision and redesignation of NCPDP Specialized Standard WG110053201xxx#)  
Public Review Date: Jun 14, 2013 | Final Action Date: Oct 3, 2013 | [Approved](#)

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- ▶ ANSI/NCPDP Specialized Standard 2014041-2014, NCPDP Specialized Standard 2014041 (revision and redesignation of ANSI/NCPDP Specialized Standard 2013101-2013)  
Public Review Date: Oct 18, 2013 | Final Action Date: May 30, 2014 | [Approved](#)

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- ▶ ANSI/NCPDP Specialized Standard 2014072-2014, NCPDP Specialized Standard 2014072 (revision and redesignation of NCPDP Specialized Standard WG110057201xxx#)  
Public Review Date: Dec 6, 2013 | Final Action Date: Jul 17, 2014 | [Approved](#)

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- ▶ ANSI/NCPDP Specialized Standard 2014101-2014, NCPDP Specialized Standard 2014101 (revision and redesignation of NCPDP Specialized Standard WG110060201xxx#)  
Public Review Date: May 30, 2014 | Final Action Date: Oct 6, 2014 | [Approved](#)

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- ▶ ANSI/NCPDP Specialized Standard 2015041-2015, NCPDP Specialized Standard 2015041 (revision and redesignation of BSR/NCPDP Specialized Standard WG110060201xxx#)  
Public Review Date: Sep 5, 2014 | Final Action Date: May 11, 2015 | [Approved](#)

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- ▶ ANSI/NCPDP Specialized Standard 2015071-2015, NCPDP Specialized Standard 2015071 (revision and redesignation of NCPDP Specialized Standard WG110064201xxx)  
Public Review Date: Feb 27, 2015 | Final Action Date: Aug 4, 2015 | [Approved](#)

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- ▶ ANSI/NCPDP Specialized Standard 2016041-2016, NCPDP Specialized Standard 2016041 (revision and redesignation of ANSI/NCPDP Specialized Standard 2015071-2015)  
Public Review Date: Sep 11, 2015 | Final Action Date: Apr 25, 2016 | [Approved](#)

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- ▶ ANSI/NCPDP Specialized Standard 2017011-2017, NCPDP Specialized Standard 2017011 (revision and redesignation of ANSI/NCPDP Specialized Standard 2014041-2014)  
Public Review Date: Sep 2, 2016 | Final Action Date: Jan 31, 2017 | [Approved](#)

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- ▶ ANSI/NCPDP Specialized Standard 2017071-2017, NCPDP Specialized Standard 2017071 (revision and redesignation of ANSI/NCPDP Specialized Standard 2013011-2013)  
Public Review Date: Mar 10, 2017 | Final Action Date: Aug 24, 2017 | [Approved](#)

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- ▶ ANSI/NCPDP Specialized Standard 2018041-2018, NCPDP Specialized Standard 2018041 (revision and redesignation of ANSI/NCPDP SC Standard 2013071-2013)  
Public Review Date: Sep 8, 2017 | Final Action Date: May 9, 2018 | [Approved](#)

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- ▶ ANSI/NCPDP Specialized Standard 2018071-2018, NCPDP Specialized Standard 2018071 (revision and redesignation of BSR/NCPDP Specialized Standard WG110077201xxx-201x)  
Public Review Date: Mar 9, 2018 | Final Action Date: Jul 24, 2018 | [Approved](#)

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- ▶ ANSI/NCPDP Specialized Standard 2019011-2019, NCPDP Specialized Standard 2019011 (revision and redesignation of ANSI/NCPDP Specialized Standard 2018071-2018)  
Public Review Date: Sep 14, 2018 | Final Action Date: Jan 29, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP Specialized Standard 2019071-2019, NCPDP Specialized Standard 2019071 (revision and redesignation of ANSI/NCPDP Specialized Standard 2019011-2019)  
Public Review Date: Mar 15, 2019 | Final Action Date: Jul 19, 2019 | [Approved](#)

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**NCPDP (National Council for Prescription Drug Programs)**

- ▶ ANSI/NCPDP Specialized Standard 2020011-2019, NCPDP Specialized Standard 2020011 (revision and redesignation of ANSI/NCPDP Specialized Standard 2019071-2019)  
Public Review Date: Sep 13, 2019 | Final Action Date: Dec 6, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP Specialized Standard v2020101-2020, NCPDP Specialized Standard v2020101 (revision and redesignation of ANSI/NCPDP SC Standard 2020011-2019)  
Public Review Date: Mar 13, 2020 | Final Action Date: Aug 28, 2020 | [Approved](#)

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- ▶ ANSI/NCPDP Specialized Standard v2021011-2020, NCPDP Specialized Standard v2021011 (revision and redesignation of ANSI/NCPDP Specialized Standard v2020101-2020)  
Public Review Date: Sep 11, 2020 | Final Action Date: Dec 18, 2020 | [Approved](#)

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- ▶ ANSI/NCPDP Specialized Standard v2021071-2021, NCPDP Specialized Standard v2021071 (revision and redesignation of ANSI/NCPDP Specialized Standard v2021011-2020)  
Public Review Date: Mar 12, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ ANSI/NCPDP Specialized Standard v2022011-2021, NCPDP Specialized Standard v2022011 (revision and redesignation of ANSI/NCPDP Specialized Standard v2021071-2021)  
Public Review Date: Sep 10, 2021 | Final Action Date: Dec 2, 2021 | [Approved](#)

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- ▶ ANSI/NCPDP Specialized Standard v2022071-2022, NCPDP Specialized Standard v2022071 (revision and redesignation of ANSI/NCPDP Specialized Standard v2022011-2021)  
Public Review Date: Mar 11, 2022 | Final Action Date: May 19, 2022 | [Approved](#)

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- ▶ ANSI/NCPDP Specialized Standard v2023011-2023, NCPDP Specialized Standard WG1100902023xx (revision and redesignation of ANSI/NCPDP Specialized Standard v2022071-2022)  
Public Review Date: Sep 9, 2022 | Final Action Date: Jan 17, 2023 | [Approved](#)

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- ▶ ANSI/NCPDP Specialty Pharmacy Reporting v10-2018, NCPDP Specialty Pharmacy Data Reporting Standard v10 (new standard)  
PINS Date: Mar 17, 2017 | Public Review Date: Sep 8, 2017 | Final Action Date: Jan 24, 2018 | [Approved](#)

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- ▶ ANSI/NCPDP Specialty Pharmacy Reporting v11-2019, NCPDP Specialty Pharmacy Data Reporting Standard v11 (revision and redesignation of ANSI/NCPDP Specialty Pharmacy Reporting v10-2018)  
Public Review Date: Sep 14, 2018 | Final Action Date: Jan 29, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP Specialty Pharmacy Reporting v12-2019, NCPDP Specialty Pharmacy Data Reporting Standard v12 (revision and redesignation of ANSI/NCPDP Specialty Pharmacy Reporting v11-2019)  
Public Review Date: Mar 15, 2019 | Final Action Date: Jul 19, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP Specialty Pharmacy Reporting v13-2019, NCPDP Specialty Pharmacy Data Reporting Standard v13 (revision and redesignation of ANSI/NCPDP Specialty Pharmacy Reporting v12-2019)  
Public Review Date: Sep 13, 2019 | Final Action Date: Dec 6, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP Specialty Pharmacy Reporting v14-2021, NCPDP Specialty Pharmacy Data Reporting Standard v14 (revision and redesignation of ANSI/NCPDP Specialty Pharmacy Reporting v13-2019)  
Public Review Date: Mar 12, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ ANSI/NCPDP State Medicaid Provider File Standard v10-2019, NCPDP State Medicaid Provider File Standard v10 (new standard)  
PINS Date: Apr 26, 2019 | Public Review Date: Sep 13, 2019 | Final Action Date: Dec 6, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP Subrogation Standard v10-2017, NCPDP Subrogation Standard v10 (new standard)  
PINS Date: Aug 14, 2015 | Public Review Date: Mar 10, 2017 | Final Action Date: Oct 6, 2017 | [Approved](#)

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**NCPDP (National Council for Prescription Drug Programs)**

- ▶ ANSI/NCPDP TC vE.1-2013, NCPDP Telecommunication Standard vE.1-201x (revision and redesignation of ANSI/NCPDP TC vE.0-2013)  
Public Review Date: Sep 14, 2012 | Final Action Date: Feb 27, 2013 | [Approved](#)

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- ▶ ANSI/NCPDP TC vE.2-2013, NCPDP Telecommunication Standard vE.2-2013 (revision and redesignation of ANSI/NCPDP TC vE.1-2013)  
Public Review Date: Dec 14, 2012 | Final Action Date: Apr 10, 2013 | [Approved](#)

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- ▶ ANSI/NCPDP TC vE.3-2013, NCPDP Telecommunication Standard vE.3-2013 (revision and redesignation of ANSI/NCPDP TC vE.2-2013)  
Public Review Date: Mar 8, 2013 | Final Action Date: Oct 22, 2013 | [Approved](#)

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- ▶ ANSI/NCPDP TC vE.4-2014, NCPDP Telecommunication Standard vE.4-2014 (revision and redesignation of ANSI/NCPDP TC vE.3-2013)  
Public Review Date: Oct 18, 2013 | Final Action Date: Jan 21, 2014 | [Approved](#)

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- ▶ ANSI/NCPDP TC vE5-2014, NCPDP Telecommunication Standard vE5-201x (revision and redesignation of ANSI/NCPDP TC vE.4-2014)  
Public Review Date: Dec 6, 2013 | Final Action Date: Apr 22, 2014 | [Approved](#)

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- ▶ ANSI/NCPDP TC vE6-2014, NCPDP Telecommunication Standard vE6 (revision and redesignation of ANSI/NCPDP TC vE5-2014)  
Public Review Date: May 30, 2014 | Final Action Date: Oct 6, 2014 | [Approved](#)

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- ▶ ANSI/NCPDP TC vE7-2015, NCPDP Telecommunication Standard vE7 (revision and redesignation of ANSI/NCPDP TC vE6-2014)  
Public Review Date: Feb 27, 2015 | Final Action Date: Jul 30, 2015 | [Approved](#)

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- ▶ ANSI/NCPDP TC vE8-2016, NCPDP Telecommunication Standard vE8 (revision and redesignation of ANSI/NCPDP TC vE7-2015)  
Public Review Date: Sep 11, 2015 | Final Action Date: Mar 4, 2016 | [Approved](#)

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- ▶ ANSI/NCPDP TC vE9-2016, NCPDP Telecommunication Standard vE9 (revision and redesignation of ANSI/NCPDP TC vE8-2016)  
Public Review Date: Mar 4, 2016 | Final Action Date: Oct 11, 2016 | [Approved](#)

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- ▶ ANSI/NCPDP TC vEB-2017, NCPDP Telecommunication Standard vEB (revision and redesignation of ANSI/NCPDP TC vE9-2016)  
Public Review Date: Sep 2, 2016 | Final Action Date: Apr 4, 2017 | [Approved](#)

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- ▶ ANSI/NCPDP TC vF2-2017, NCPDP Telecommunication Standard vF2 (revision and redesignation of ANSI/NCPDP TC vE9-2016)  
Public Review Date: Mar 10, 2017 | Final Action Date: Oct 31, 2017 | [Approved](#)

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- ▶ ANSI/NCPDP TC vF3-2018, NCPDP Telecommunication Standard vF3 (revision and redesignation of ANSI/NCPDP TC vF2-2017)  
Public Review Date: Mar 9, 2018 | Final Action Date: Jul 27, 2018 | [Approved](#)

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- ▶ ANSI/NCPDP TC vF4-2019, NCPDP Telecommunication Standard vF4 (revision and redesignation of ANSI/NCPDP TC vF3-2018)  
Public Review Date: Sep 14, 2018 | Final Action Date: Jan 29, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP TC vF5-2019, NCPDP Telecommunication Standard vF5 (revision and redesignation of ANSI/NCPDP TC vF4-2019)  
Public Review Date: Mar 15, 2019 | Final Action Date: Jul 19, 2019 | [Approved](#)

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**NCPDP (National Council for Prescription Drug Programs)**

- ▶ ANSI/NCPDP TC vF6-2019, NCPDP Telecommunication Standard vF6 (revision and redesignation of ANSI/NCPDP TC vF5-2019)  
Public Review Date: Sep 13, 2019 | Final Action Date: Dec 6, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP TC vF7-2021, NCPDP Telecommunication Standard Version F7 (revision and redesignation of ANSI/NCPDP TC vF6-2019)  
Public Review Date: Mar 12, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ ANSI/NCPDP TC VF8-2021, NCPDP Telecommunication Standard Version F8 (revision and redesignation of ANSI/NCPDP TC vF7-2021)  
Public Review Date: Sep 10, 2021 | Final Action Date: Dec 2, 2021 | [Approved](#)

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- ▶ ANSI/NCPDP TC VF9-2022, NCPDP Telecommunication Standard Version F9 (revision and redesignation of ANSI/NCPDP TC VF8-2021)  
Public Review Date: Mar 11, 2022 | Final Action Date: May 19, 2022 | [Approved](#)

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- ▶ ANSI/NCPDP Uniform Healthcare Payer Data Standard v22-2014, NCPDP Uniform Healthcare Payer Data Standard Implementation Guide v22-2014 (revision and redesignation of ANSI/NCPDP Uniform Healthcare Payer Data v2.1-2013)  
Public Review Date: Dec 6, 2013 | Final Action Date: Apr 22, 2014 | [Approved](#)

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- ▶ ANSI/NCPDP Uniform Healthcare Payer Data Standard v23-2017, NCPDP Uniform Healthcare Payer Data Standard v23 (revision and redesignation of ANSI/NCPDP Uniform Healthcare Payer Data Standard v22-2014)  
Public Review Date: Sep 2, 2016 | Final Action Date: Apr 4, 2017 | [Approved](#)

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- ▶ ANSI/NCPDP Uniform Healthcare Payer Data Standard v24-2017, NCPDP Uniform Healthcare Payer Data Standard v24 (revision and redesignation of ANSI/NCPDP Uniform Healthcare Payer Data Standard v23-2017)  
Public Review Date: Mar 10, 2017 | Final Action Date: Oct 31, 2017 | [Approved](#)

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- ▶ ANSI/NCPDP Uniform Healthcare Payer Data Standard v25-2018, NCPDP Uniform Healthcare Payer Data Standard v25 (revision and redesignation of ANSI/NCPDP Uniform Healthcare Payer Data Standard v24-2017)  
Public Review Date: Mar 9, 2018 | Final Action Date: Jul 20, 2018 | [Approved](#)

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- ▶ ANSI/NCPDP Uniform Healthcare Payer Data Standard v26-2019, NCPDP Uniform Healthcare Payer Data Standard v26 (revision and redesignation of ANSI/NCPDP Uniform Healthcare Payer Data Standard v25-2018)  
Public Review Date: Sep 14, 2018 | Final Action Date: Jan 18, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP Uniform Healthcare Payer Data Standard v27-2019, NCPDP Uniform Healthcare Payer Data Standard v27 (revision and redesignation of ANSI/NCPDP Uniform Healthcare Payer Data Standard v26-2019)  
Public Review Date: Mar 15, 2019 | Final Action Date: Jul 19, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP Uniform Healthcare Payer Data Standard v28-2019, NCPDP Uniform Healthcare Payer Data Standard v28 (revision and redesignation of ANSI/NCPDP Uniform Healthcare Payer Data Standard v27-2019)  
Public Review Date: Sep 13, 2019 | Final Action Date: Dec 6, 2019 | [Approved](#)

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- ▶ ANSI/NCPDP Uniform Healthcare Payer Data Standard v29-2021, NCPDP Uniform Healthcare Payer Data Standard v29 (revision and redesignation of ANSI/NCPDP Uniform Healthcare Payer Data Standard v28-2019)  
Public Review Date: Mar 12, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ ANSI/NCPDP Uniform Healthcare Payer Data v2.1-2013, NCPDP Uniform Healthcare Payer Data Standard v2.1-2013 (revision of ANSI/NCPDP Uniform Healthcare Payer Data Standard v2.0-2013)  
Public Review Date: Dec 14, 2012 | Final Action Date: Apr 18, 2013 | [Approved](#)

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**NEBB (National Environmental Balancing Bureau)**

8575 Grovermont Circle, Gaithersburg, MD 20877 | w: [www.nebb.org](http://www.nebb.org)

- ▶ ANSI/NEBB S120-2016, Rev. 1-2017, Technical Retro-Commissioning of Existing Buildings Standard (revision and redesignation of ANSI/NEBB S120-2016)

PINS Date: Jun 2, 2017 | Public Review Date: Jul 21, 2017 | Final Action Date: Jan 8, 2018 | [Approved](#)

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- ▶ ANSI/NEBB Standard S110-2019, Second Edition Whole Building Technical Commissioning of New Construction (revision and redesignation of ANSI/NEBB S110-2018)

PINS Date: Jul 6, 2018 | Public Review Date: Mar 8, 2019 | Final Action Date: May 1, 2019 | [Approved](#)

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- ▶ ANSI/NEBB Standard S120-2019, Third Edition Technical Retro-Commissioning of Existing Buildings (revision and redesignation of BSR/NEBB S120-2016, Rev. 2-201x)

PINS Date: Jun 29, 2018 | Public Review Date: Mar 8, 2019 | Final Action Date: May 1, 2019 | [Approved](#)

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**NECA (National Electrical Contractors Association)**

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | w: [www.neca-neis.org](http://www.neca-neis.org)

- ▶ ANSI/NECA 1-2023, Standard for Good Workmanship in Electrical Construction (revision of ANSI/NECA 1-2006 (R2015))

PINS Date: Aug 21, 2020 | Public Review Date: Sep 9, 2022 | Final Action Date: Jan 6, 2023 | [Approved](#)

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- ▶ ANSI/NECA 100-2006 (R2013), Symbols for Electrical Construction Drawings (reaffirmation of ANSI/NECA 100-2006)

PINS Date: Apr 13, 2012 | Public Review Date: Jan 18, 2013 | Final Action Date: Mar 26, 2013 | [Approved](#)

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- ▶ ANSI/NECA 101-2020, Standard for Installing Steel Conduits (RMC, IMC, EMT) (revision of ANSI/NECA 101-2006 (R2013))

PINS Date: Jul 26, 2019 | Public Review Date: Apr 17, 2020 | Final Action Date: Jul 24, 2020 | [Approved](#)

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- ▶ ANSI/NECA 111-2017, Standard for Installing Nonmetallic Raceways (RNC, ENT, LFNC) (new standard)

PINS Date: Aug 3, 2012 | Public Review Date: May 12, 2017 | Final Action Date: Aug 2, 2017 | [Approved](#)

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- ▶ ANSI/NECA 130-2016, Standard for Installing and Maintaining Wiring Devices (revision of ANSI/NECA 130-2010)

PINS Date: May 15, 2015 | Public Review Date: Jan 15, 2016 | Final Action Date: Apr 20, 2016 | [Approved](#)

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- ▶ ANSI/NECA 169-2016, Standard for Installing and Maintaining Arc-Fault Circuit Interrupters (AFCIs) and Ground-Fault Circuit Interrupters (GFCIs) (revision of ANSI/NECA 169-2010)

PINS Date: May 15, 2015 | Public Review Date: Jan 15, 2016 | Final Action Date: May 3, 2016 | [Approved](#)

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- ▶ ANSI/NECA 200-2016, Standard for Installing and Maintaining Temporary Electric Power at Construction Sites (revision of ANSI/NECA 200-2010)

Public Review Date: Nov 27, 2015 | Final Action Date: Apr 19, 2016 | [Approved](#)

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- ▶ ANSI/NECA 202-2013, Installing and Maintaining Industrial Heat Tracing Systems (revision of ANSI/NECA 202-2001 (R2006))

PINS Date: Nov 23, 2012 | Public Review Date: Feb 22, 2013 | Final Action Date: Aug 6, 2013 | [Approved](#)

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- ▶ ANSI/NECA 230-2016, Standard for Selecting, Installing, and Maintaining of Electric Motors and Motor Controllers (revision of ANSI/NECA 230-2010)

PINS Date: May 8, 2015 | Public Review Date: Jan 15, 2016 | Final Action Date: Apr 25, 2016 | [Approved](#)

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- ▶ ANSI/NECA 303-2019, Standard for Installing and Maintaining Closed-Circuit Television (CCTV) (revision of ANSI/NECA 303-2005)

PINS Date: Jan 22, 2010 | Public Review Date: Jun 21, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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**NECA (National Electrical Contractors Association)**

- ▶ ANSI/NECA 305-2018, Standard for Fire Alarm System Job Practices (revision of ANSI/NECA 305-2010)  
PINS Date: May 27, 2016 | Public Review Date: Jul 14, 2017 | Final Action Date: Apr 25, 2018 | [Approved](#)

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- ▶ ANSI/NECA 331-2020, Standard for Installing Building Service Entrance Grounding (new standard)  
PINS Date: Jul 6, 2018 | Public Review Date: Dec 27, 2019 | Final Action Date: Mar 24, 2020 | [Approved](#)

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- ▶ ANSI/NECA 402-2020, Standard for Installing and Maintaining Motor Control Centers (revision of ANSI/NECA 402-2014)  
PINS Date: Jun 21, 2019 | Public Review Date: Dec 27, 2019 | Final Action Date: Mar 24, 2020 | [Approved](#)

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- ▶ ANSI/NECA 404-2014, Standard for Installing Generator Sets (revision of ANSI/NECA 404-2006)  
Public Review Date: Sep 20, 2013 | Final Action Date: Feb 28, 2014 | [Approved](#)

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- ▶ ANSI/NECA 407-2015, Standard for Installing and Maintaining Panelboards (revision of ANSI/NECA 407-2009)  
PINS Date: Jul 4, 2014 | Public Review Date: Dec 19, 2014 | Final Action Date: Mar 12, 2015 | [Approved](#)

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- ▶ ANSI/NECA 408-2015, Standard for Installing and Maintaining Busways (revision of ANSI/NECA 408-2009)  
PINS Date: Jul 4, 2014 | Public Review Date: Feb 20, 2015 | Final Action Date: Apr 20, 2015 | [Approved](#)

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- ▶ ANSI/NECA 409-2015, Standard for Installing and Maintaining Dry-Type Transformers (revision of ANSI/NECA 409-2009)  
PINS Date: Aug 1, 2014 | Public Review Date: Jun 26, 2015 | Final Action Date: Aug 3, 2015 | [Approved](#)

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- ▶ ANSI/NECA 410-2013, Standard for Installing and Maintaining Liquid-Filled Transformers (revision of ANSI/NECA 410-2005)  
PINS Date: Jul 9, 2010 | Public Review Date: Jul 12, 2013 | Final Action Date: Aug 26, 2013 | [Approved](#)

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- ▶ ANSI/NECA 411-2014, Standard for Installing and Maintaining Uninterruptible Power Supplies (UPS) (revision of ANSI/NECA 411-2006)  
PINS Date: Jul 15, 2011 | Public Review Date: Sep 19, 2014 | Final Action Date: Dec 9, 2014 | [Approved](#)

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- ▶ ANSI/NECA 412-2012, Standard for Installing and Maintaining Photovoltaic Power Systems (new standard)  
PINS Date: Aug 13, 2010 | Public Review Date: Dec 9, 2011 | Final Action Date: Mar 20, 2012 | [Approved](#)

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- ▶ ANSI/NECA 413-2019, Standard for Installing and Maintaining Electric Vehicle Supply Equipment (EVSE) (revision of ANSI/NECA 413-2012)  
PINS Date: Aug 11, 2017 | Public Review Date: Aug 31, 2018 | Final Action Date: Oct 22, 2019 | [Approved](#)

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- ▶ ANSI/NECA 416-2016, Recommended Practice for Installing Stored Energy Systems (new standard)  
PINS Date: Oct 10, 2014 | Public Review Date: Jul 8, 2016 | Final Action Date: Jan 17, 2017 | [Approved](#)

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- ▶ ANSI/NECA 417-2019, Recommended Practice for Designing, Installing, Operating and Maintaining Microgrids (new standard)  
PINS Date: Apr 28, 2017 | Public Review Date: Jun 21, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI/NECA 420-2014, Standard for Fuse Applications (revision of ANSI/NECA 420-2007)  
PINS Date: Aug 3, 2012 | Public Review Date: Dec 6, 2013 | Final Action Date: Mar 12, 2014 | [Approved](#)

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- ▶ ANSI/NECA 430-2016, Standard for Installing and Maintaining Medium-Voltage Switchgear (revision of ANSI/NECA 430-2006)  
PINS Date: Aug 12, 2011 | Public Review Date: May 6, 2016 | Final Action Date: Aug 10, 2016 | [Approved](#)

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- ▶ ANSI/NECA 5-2022, Recommended Practice for Prefabrication of Electrical Installations for Construction (new standard)  
PINS Date: Nov 20, 2020 | Public Review Date: Jan 28, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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**NECA (National Electrical Contractors Association)**

- ▶ ANSI/NECA 700-2016, Standard for Installing Overcurrent Protection to Achieve Selective Coordination (revision of ANSI/NECA 700-2010)  
PINS Date: May 15, 2015 | Public Review Date: Apr 22, 2016 | Final Action Date: Oct 25, 2016 | [Approved](#)
- ▶ ANSI/NECA 701-2013, Standard for Energy Management, Demand Response and Energy Solutions (new standard)  
PINS Date: Sep 2, 2011 | Public Review Date: Jan 4, 2013 | Final Action Date: Feb 20, 2013 | [Approved](#)
- ▶ ANSI/NECA 90-2015, Standard for Commissioning Building Electrical Systems (revision of ANSI/NECA 90-2004 (R2010))  
PINS Date: Feb 13, 2015 | Public Review Date: Jul 10, 2015 | Final Action Date: Sep 9, 2015 | [Approved](#)
- ▶ ANSI/NECA/FOA 301-2016, Standard for Installing and Testing Fiber Optic Cables (revision of ANSI/NECA/FOA 301-2010)  
PINS Date: Jul 4, 2014 | Public Review Date: Jun 17, 2016 | Final Action Date: Oct 5, 2016 | [Approved](#)
- ▶ ANSI/NECA/NACMA 120-2018, Standard for Installing Armored Cable (Type AC) and Type Metal-Clad (MC) Cable (revision of ANSI/NECA 120-2012)  
PINS Date: Nov 10, 2017 | Public Review Date: Apr 20, 2018 | Final Action Date: Jun 28, 2018 | [Approved](#)
- ▶ ANSI/NECA/NCSCB 600-2014 (R2020), Standard for Installing and Maintaining Medium-Voltage Cable (reaffirmation and redesignation of ANSI/NECA 600-2014)  
PINS Date: Mar 15, 2019 | Public Review Date: Oct 25, 2019 | Final Action Date: Jan 9, 2020 | [Approved](#)
- ▶ ANSI/NECA/NEMA 105-2015, Standard for Installing Metal Cable Tray Systems (revision of ANSI/NECA/NEMA 105-2007)  
PINS Date: Feb 20, 2015 | Public Review Date: Apr 10, 2015 | Final Action Date: Oct 21, 2015 | [Approved](#)

**NEMA (National Electrical Manufacturers Association)**

1300 North 17th Street, Suite 900, Arlington, VA 22209 | w: [www.nema.org](http://www.nema.org)

- ▶ ANSI/NEMA 250-2020, Enclosures for Electrical Equipment (1,000 Volts Maximum) (revision of ANSI/NEMA 250-2008)  
PINS Date: May 17, 2019 | Public Review Date: Nov 6, 2020 | Final Action Date: Dec 8, 2020 | [Approved](#)
- ▶ ANSI/NEMA 62321-1-2013, Determination of certain substances in electrotechnical products - Part 1: Introduction and overview (identical national adoption of IEC 62321-1:2013)  
PINS Date: Jul 24, 2020 | Public Review Date: Nov 6, 2020 | Final Action Date: Feb 11, 2022 | [Approved](#)
- ▶ ANSI/NEMA 62321-10-2020, Determination of certain substances in electrotechnical products - Part 10: Polycyclic aromatic hydrocarbons (PAHs) in polymers and electronics by gas chromatography-mass spectrometry (GC-MS) (identical national adoption of IEC 62321-10:2020)  
PINS Date: Jul 24, 2020 | Public Review Date: Nov 6, 2020 | Final Action Date: Feb 11, 2022 | [Approved](#)
- ▶ ANSI/NEMA 62321-2-2013, Determination of certain substances in electrotechnical products - Part 2: Disassembly, disjunction and mechanical sample preparation (identical national adoption of IEC 62321-2:2013)  
PINS Date: Jul 24, 2020 | Public Review Date: Nov 6, 2020 | Final Action Date: Feb 11, 2022 | [Approved](#)
- ▶ ANSI/NEMA 62321-3-1-2013, Determination of certain substances in electrotechnical products - Part 3-1: Screening - Lead, mercury, cadmium, total chromium and total bromine using X-ray fluorescence spectrometry (identical national adoption of IEC 62321-3-1:2013)  
PINS Date: Jul 24, 2020 | Public Review Date: Nov 6, 2020 | Final Action Date: Feb 11, 2022 | [Approved](#)
- ▶ ANSI/NEMA 62321-3-2-2020, Determination of certain substances in electrotechnical products - Part 3-2: Screening - Fluorine, bromine and chlorine in polymer and electronics by combustion-ion chromatography (C-IC) (identical national adoption of IEC 62321-3-2:2020)  
PINS Date: Nov 6, 2020 | Public Review Date: Jan 29, 2021 | Final Action Date: Feb 11, 2022 | [Approved](#)

**NEMA (National Electrical Manufacturers Association)**

- ▶ ANSI/NEMA 62321-4-2013 AMD1 CSV-2017, Determination of certain substances in electrotechnical products - Part 4: Mercury in polymers, metals and electronics by CV-AAS, CV-AFS, ICP-OES and ICP-MS (identical national adoption of IEC 62321-4:2013AMD1:2017 CSV)  
PINS Date: Jul 24, 2020 | Public Review Date: Nov 6, 2020 | Final Action Date: Feb 11, 2022 | [Approved](#)
- ▶ ANSI/NEMA 62321-5-2013, Determination of certain substances in electrotechnical products - Part 5: Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS (identical national adoption of IEC 62321-5:2013)  
PINS Date: Jul 24, 2020 | Public Review Date: Nov 6, 2020 | Final Action Date: Feb 11, 2022 | [Approved](#)
- ▶ ANSI/NEMA 62321-6-2015, Determination of certain substances in electrotechnical products - Part 6: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatography -mass spectrometry (GC-MS) (identical national adoption of IEC 62321-6:2015)  
PINS Date: Jul 24, 2020 | Public Review Date: Nov 6, 2020 | Final Action Date: Feb 11, 2022 | [Approved](#)
- ▶ ANSI/NEMA 62321-7-1-2015, Determination of certain substances in electrotechnical products - Part 7-1: Hexavalent chromium - Presence of hexavalent chromium (Cr(VI)) in colourless and coloured corrosion-protected coatings on metals by the colorimetric method (identical national adoption of IEC 62321-7-1:2015)  
PINS Date: Jul 24, 2020 | Public Review Date: Nov 6, 2020 | Final Action Date: Feb 11, 2022 | [Approved](#)
- ▶ ANSI/NEMA 62321-7-2-2017, Determination of certain substances in electrotechnical products - Part 7-2: Hexavalent chromium - Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method (identical national adoption of IEC 62321-7-2:2017)  
PINS Date: Jul 24, 2020 | Public Review Date: Nov 6, 2020 | Final Action Date: Feb 11, 2022 | [Approved](#)
- ▶ ANSI/NEMA 62321-8-2017, Determination of certain substances in electrotechnical products - Part 8: Phthalates in polymers by gas chromatography-mass spectrometry (GC-MS), gas chromatography-mass spectrometry using a pyrolyzer/thermal desorption accessory (Py-TD-GC-MS) (identical national adoption of IEC 62321-8:2017)  
PINS Date: Jul 24, 2020 | Public Review Date: Nov 6, 2020 | Final Action Date: Feb 11, 2022 | [Approved](#)
- ▶ ANSI/NEMA 62430-2019, Environmentally Conscious Design (Ecd) - Principles, Requirements And Guidance (identical national adoption of IEC 62430:2019 and revision of ANSI/NEMA 62430-2010)  
PINS Date: Jul 24, 2020 | Public Review Date: Nov 6, 2020 | Final Action Date: Feb 11, 2022 | [Approved](#)
- ▶ ANSI/NEMA 62474-2018, Material declaration for products of and for the electrotechnical industry (identical national adoption of IEC 62474:2018)  
PINS Date: Jul 24, 2020 | Public Review Date: Nov 6, 2020 | Final Action Date: Feb 11, 2022 | [Approved](#)
- ▶ ANSI/NEMA AB 3-2013, Molded Case Circuit Breakers and Their Application (new standard)  
PINS Date: Aug 31, 2012 | Public Review Date: Nov 2, 2012 | Final Action Date: Feb 25, 2013 | [Approved](#)
- ▶ ANSI/NEMA FB-1-2014, Fittings, Cast Metal Boxes, and Conduit Bodies for Conduit, Electrical Metallic Tubing and Cable (revision of ANSI/NEMA FB-1-2012)  
Public Review Date: Jul 25, 2014 | Final Action Date: Oct 29, 2014 | [Approved](#)
- ▶ ANSI/NEMA HN 1-2019, Manufacturer Disclosure Statement for Medical Device Security (new standard)  
PINS Date: Mar 8, 2019 | Public Review Date: May 10, 2019 | Final Action Date: Jul 9, 2019 | [Approved](#)
- ▶ ANSI/NEMA IM 60000-2021, Industrial Laminating Thermosetting Products (new standard)  
PINS Date: Feb 5, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Nov 29, 2021 | [Approved](#)
- ▶ ANSI/NEMA IM 60001-2022, Relative Temperature Indices of Industrial Thermosetting Laminates Standard (new standard)  
PINS Date: Jun 3, 2022 | Public Review Date: Jul 15, 2022 | Final Action Date: Sep 19, 2022 | [Approved](#)
- ▶ ANSI/NEMA KS 2-2013, Distribution Equipment Switch Guide, A User's Reference (new standard)  
PINS Date: Sep 7, 2012 | Public Review Date: Nov 23, 2012 | Final Action Date: Jan 29, 2013 | [Approved](#)

**NEMA (National Electrical Manufacturers Association)**

- ▶ ANSI/NEMA MW 1000-2020, Magnet Wire (revision of ANSI/NEMA MW 1000-2018)  
PINS Date: May 29, 2020 | Public Review Date: Nov 20, 2020 | Final Action Date: Jan 7, 2021 | [Approved](#)
- ▶ ANSI/NEMA OS 1-2014 (R2020), Sheet-Steel Outlet Boxes, Device Boxes, Covers, and Box Supports (reaffirmation of ANSI/NEMA OS 1-2014)  
Public Review Date: May 3, 2019 | Final Action Date: Sep 17, 2020 | [Approved](#)
- ▶ ANSI/NEMA OS 2-2014 (R2020), Nonmetallic Outlet Boxes, Device Boxes, Covers, and Box Supports (reaffirmation of ANSI/NEMA OS 2-2014)  
Public Review Date: May 3, 2019 | Final Action Date: Sep 17, 2020 | [Approved](#)
- ▶ ANSI/NEMA PB 1.1-2013, General Instructions for Proper Handling, Installation, Operation, and Maintenance of Panelboards Rated 600 Volts or less (revision of ANSI/NEMA PB 1.1-2007)  
Public Review Date: Mar 29, 2013 | Final Action Date: Sep 11, 2013 | [Approved](#)
- ▶ ANSI/NEMA PB 2.1-2013, General Instructions for Proper Handling, Installation, Operation, and Maintenance of Deadfront Distribution Switchboards Rated 600 Volts or less (revision of ANSI/NEMA PB 2.1-2007)  
PINS Date: Jul 13, 2012 | Public Review Date: Mar 29, 2013 | Final Action Date: Sep 13, 2013 | [Approved](#)
- ▶ ANSI/NEMA SC1-2020, Standard for Supplier Credentialing in Healthcare (revision of ANSI/NEMA SC 1-2019)  
PINS Date: May 8, 2020 | Public Review Date: Aug 28, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)
- ▶ ANSI/NEMA SG-IC 1-2013, Smart Grid Interoperable & Conformant (SG-IC) Testing and Certification Scheme Operator Guidelines (new standard)  
PINS Date: Feb 8, 2013 | Public Review Date: Mar 8, 2013 | Final Action Date: Jul 10, 2013 | [Approved](#)
- ▶ ANSI/NEMA SG-IPRM 1-2016, Smart Grid Interoperability Process Reference Manual (new standard)  
PINS Date: Aug 7, 2015 | Public Review Date: Nov 20, 2015 | Final Action Date: Feb 22, 2016 | [Approved](#)
- ▶ ANSI/NEMA SM 31000-1 2021, Electrical Submeter - General Requirements (new standard)  
PINS Date: Sep 9, 2016 | Public Review Date: Feb 26, 2021 | Final Action Date: May 18, 2021 | [Approved](#)
- ▶ ANSI/NEMA SM 31000-2-2021, Electrical SubmeterActive Energy Accuracy (new standard)  
PINS Date: Oct 16, 2020 | Public Review Date: Apr 23, 2021 | Final Action Date: Aug 6, 2021 | [Approved](#)
- ▶ ANSI/NEMA SM 31000-7-2021, Electrical Submeter - Current Sensor Accuracy (new standard)  
PINS Date: Dec 18, 2020 | Public Review Date: Oct 15, 2021 | Final Action Date: Dec 2, 2021 | [Approved](#)
- ▶ ANSI/NEMA WD6-2022, Wiring Devices - Dimensional Specifications (revision of ANSI/NEMA WD6-2016)  
PINS Date: Apr 23, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Feb 22, 2022 | [Approved](#)
- ▶ ANSI/NEMA/IEC 60529-2020, Degrees of Protection Provided by Enclosures (IP Code) (identical national adoption of IEC 60529:1989/AMD2:2013/COR1:2019 and revision of ANSI/IEC 60529-2004 (R2011))  
PINS Date: May 17, 2019 | Public Review Date: Feb 7, 2020 | Final Action Date: Sep 23, 2020 | [Approved](#)

**NEMA (ASC C119) (National Electrical Manufacturers Association)**

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | w: [www.nema.org](http://www.nema.org)

- ▶ ANSI C119.0-2022, Electric Connectors -Testing Methods and Equipment Common to the ANSI C119 Family of Standards (revision of ANSI C119.0-2015)  
PINS Date: Oct 4, 2019 | Public Review Date: Dec 3, 2021 | Final Action Date: Mar 1, 2022 | [Approved](#)
- ▶ ANSI C119.1-2016, Electric Connectors - Sealed Insulated Underground Connector Systems Rated 600 V (revision of ANSI C119.1-2011)  
PINS Date: Nov 13, 2015 | Public Review Date: Jan 13, 2017 | Final Action Date: Mar 16, 2017 | [Approved](#)

**NEMA (ASC C119) (National Electrical Manufacturers Association)**

- ▶ ANSI C119.4-2022, Electric Connectors—Connectors for Use between Aluminum-to-Aluminum and Aluminum-to-Copper Conductors Designed for Normal Operation at or Below 93°C and Copper-to-Copper Conductors Designed for Normal Operation at or Below 100°C (revision of ANSI C119.4-2016)  
PINS Date: Jun 5, 2020 | Public Review Date: Jul 8, 2022 | Final Action Date: Aug 25, 2022 | [Approved](#)
- ▶ ANSI C119.5-2018, Insulation Piercing Connector Systems, Rated 600 Volts or Less (Low-Voltage Aerial Bundled Cables and Insulated and Non-Insulated Line Wires) (revision of ANSI C119.5-2009)  
PINS Date: Nov 13, 2015 | Public Review Date: May 4, 2018 | Final Action Date: Aug 21, 2018 | [Approved](#)
- ▶ ANSI C119.6-2018, Electric ConnectorsNon-Sealed, Multiport Connector Systems Rated 600 Volts or Less for Aluminum and Copper Conductors (revision of ANSI C119.6-2011)  
PINS Date: Nov 10, 2017 | Public Review Date: Feb 23, 2018 | Final Action Date: Jun 29, 2018 | [Approved](#)
- ▶ ANSI/NEMA CC 1-2018, Electric Power Connection for Substations (revision of ANSI/NEMA CC 1-2009)  
PINS Date: Mar 9, 2018 | Public Review Date: Oct 26, 2018 | Final Action Date: Dec 14, 2018 | [Approved](#)

**NEMA (ASC C12) (National Electrical Manufacturers Association)**

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | w: [www.nema.org](http://www.nema.org)

- ▶ ANSI C12.1-2022, Code for Electricity Metering (revision of ANSI C12.1-2016)  
PINS Date: Apr 24, 2020 | Public Review Date: Mar 25, 2022 | Final Action Date: Jun 9, 2022 | [Approved](#)
- ▶ ANSI C12.10-2011 (R2021), Physical Aspects of Watthour Meters—Safety Standard (reaffirmation of ANSI C12.10-2011)  
Public Review Date: Mar 12, 2021 | Final Action Date: May 11, 2021 | [Approved](#)
- ▶ ANSI C12.11-2006 (R2019), Instrument Transformers for Revenue Metering 10kV BIL through 350 kV BIL (0.6 kV NSV through 69 kV NSV) (reaffirmation of ANSI C12.11-2006 (R2014))  
Public Review Date: Jul 26, 2019 | Final Action Date: Sep 23, 2019 | [Approved](#)
- ▶ ANSI C12.18-2006 (R2015), Protocol Specification for ANSI Type 2 Optical Port (reaffirmation of ANSI C12.18-2006)  
Public Review Date: Jun 10, 2016 | Final Action Date: Aug 23, 2016 | [Approved](#)
- ▶ ANSI C12.19-2021, Standard for Utility Industry End Device Data Tables (revision of ANSI C12.19-2014)  
PINS Date: Aug 9, 2019 | Public Review Date: Aug 13, 2021 | Final Action Date: Oct 18, 2021 | [Approved](#)
- ▶ ANSI C12.21-2006 (R2015), Protocol Specification for Telephone Modem Communications (reaffirmation of ANSI C12.21-2006)  
Public Review Date: Jun 10, 2016 | Final Action Date: Aug 23, 2016 | [Approved](#)
- ▶ ANSI C12.22-2012 (R2020), Protocol Specification for Interfacing to Data Communication Networks (reaffirmation of ANSI C12.22-2012)  
PINS Date: Jan 17, 2020 | Public Review Date: Apr 17, 2020 | Final Action Date: Jun 18, 2020 | [Approved](#)
- ▶ ANSI C12.30-2022, Test Requirements for Meters Equipped with Service Switches (new standard)  
PINS Date: Oct 29, 2021 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 5, 2022 | [Approved](#)
- ▶ ANSI C12.32-2021, Electricity Meters for the Measurement of DC Energy (new standard)  
PINS Date: May 17, 2019 | Public Review Date: Jan 15, 2021 | Final Action Date: Mar 4, 2021 | [Approved](#)
- ▶ ANSI C12.6-1987 (R2016), Phase-Shifting Devices Used In Metering, Marking and Arrangement of Terminals (reaffirmation of ANSI C12.6-1987 (R2011))  
PINS Date: Jun 10, 2016 | Public Review Date: Aug 12, 2016 | Final Action Date: Jan 12, 2017 | [Approved](#)
- ▶ ANSI C12.7-2022, Requirements for Watthour Meter Sockets (revision of ANSI C12.7-2005 (R2014))  
PINS Date: Aug 9, 2019 | Public Review Date: Aug 5, 2022 | Final Action Date: Nov 17, 2022 | [Approved](#)

**NEMA (ASC C12) (National Electrical Manufacturers Association)**

- ▶ ANSI C12.8-1981 (R2021), Test Blocks and Cabinets for Installation of Self- Contained A Base Watthour Meters (reaffirmation of ANSI C12.8-1981 (R2011))  
Public Review Date: Mar 12, 2021 | Final Action Date: Jun 8, 2021 | [Approved](#)
- ▶ ANSI C12.9-2014 (R2021), Test Switches and Plugs for Transformer-Rated Meters (reaffirmation of ANSI C12.9-2014)  
PINS Date: Aug 9, 2019 | Public Review Date: May 21, 2021 | Final Action Date: Aug 5, 2021 | [Approved](#)
- ▶ ANSI IEC 62056-6-2 ED3-2019, Electricity Metering Data Exchange - The DLMS/COSEM Suite - Part 6-2: COSEM Interface Classes (identical national adoption of IEC 62056-6-2 ED3)  
PINS Date: Apr 20, 2018 | Public Review Date: Feb 8, 2019 | Final Action Date: Jul 8, 2019 | [Approved](#)
- ▶ ANSI/IEC 62056-5-3 ED3-2019, Electricity Metering Data Exchange - The DLMS/COSEM Suite - Part 5 - 3: DLMS/COSEM application layer (identical national adoption of IEC 62056-5-3 ED3)  
PINS Date: Apr 20, 2018 | Public Review Date: Feb 8, 2019 | Final Action Date: Jul 8, 2019 | [Approved](#)
- ▶ ANSI/IEC 62056-6-1 ED3-2019, Electricity Metering Data Exchange - The DLMS/COSEM Suite - Part 6-1: Object Identification System (OBIS) (identical national adoption of IEC 62056-6-1 ED3)  
PINS Date: Apr 20, 2018 | Public Review Date: Feb 8, 2019 | Final Action Date: Jul 8, 2019 | [Approved](#)
- ▶ ANSI/IEC 62056-8-20 ED 1.0-2019, Electricity Metering Data Exchange - The DLMS/COSEM Suite - Part 8-20: Mesh communication profile for neighborhood networks (identical national adoption of IEC TS 62056-8-20 ED 1)  
PINS Date: Apr 20, 2018 | Public Review Date: Feb 8, 2019 | Final Action Date: Jul 8, 2019 | [Approved](#)
- ▶ ANSI/IEC 62056-9-7 ed 1.0-2019, Electricity Metering Data Exchange - Communication profile for TCP-UDP/IP networks. (identical national adoption of IEC 62056-9-7 ED 1.0)  
PINS Date: Apr 20, 2018 | Public Review Date: Feb 8, 2019 | Final Action Date: Jul 8, 2019 | [Approved](#)

**NEMA (ASC C136) (National Electrical Manufacturers Association)**

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | w: [www.nema.org](http://www.nema.org)

- ▶ ANSI C136.1-2012 (S2022), Filament Lamps - A Guide for Selection (stabilized maintenance of ANSI C136.1-2012 (R2018))  
Public Review Date: Jun 3, 2022 | Final Action Date: Jul 21, 2022 | [Approved](#)
- ▶ ANSI C136.10-2023, Roadway and Area Lighting Equipment - Locking-Type Photocontrol Devices and Mating Receptacles - Physical and Electrical Interchangeability and Testing (revision of ANSI C136.10-2017)  
PINS Date: Dec 3, 2021 | Public Review Date: Nov 11, 2022 | Final Action Date: Jan 12, 2023 | [Approved](#)
- ▶ ANSI C136.11-2011 (S2021), Multiple Parallel Wired Sockets (stabilized maintenance of ANSI C136.11-2011 (R2016))  
Public Review Date: Jun 4, 2021 | Final Action Date: Jul 20, 2021 | [Approved](#)
- ▶ ANSI C136.12-2014 (R2019), Mercury Lamps - Guide for Selection (reaffirmation of ANSI C136.12-2014)  
PINS Date: Apr 26, 2019 | Public Review Date: Jun 28, 2019 | Final Action Date: Aug 13, 2019 | [Approved](#)
- ▶ ANSI C136.13-2020, Metal Brackets for Wood Poles (revision of ANSI C136.13-2014)  
PINS Date: Apr 26, 2019 | Public Review Date: Aug 7, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)
- ▶ ANSI C136.14-2020, Elliptically Shaped, Enclosed Side-Mounted Luminaires (revision of ANSI C136.14-2014)  
PINS Date: Apr 26, 2019 | Public Review Date: May 15, 2020 | Final Action Date: Jul 9, 2020 | [Approved](#)
- ▶ ANSI C136.15-2020, For Roadway and Area Lighting Equipment - Luminaire Field Identification (revision of ANSI C136.15-2015)  
PINS Date: Nov 22, 2019 | Public Review Date: May 15, 2020 | Final Action Date: Jul 9, 2020 | [Approved](#)
- ▶ ANSI C136.16-2019, ANS for Roadway and Area Lighting Equipment - Post Top-Mounted Luminaires (revision of ANSI C136.16-2014)  
PINS Date: Nov 30, 2018 | Public Review Date: Mar 8, 2019 | Final Action Date: Aug 8, 2019 | [Approved](#)

**NEMA (ASC C136) (National Electrical Manufacturers Association)**

- ▶ ANSI C136.17-1995 (S2017), Standard for Roadway and Area Lighting Equipment - Enclosed Side-Mounted Luminaires for Horizontal-Burning High-Intensity Discharge Lamps - Mechanical Interchangeability of Refractors (stabilized maintenance of ANSI C136.17-1995 (R2010))  
PINS Date: Aug 26, 2016 | Public Review Date: Nov 11, 2016 | Final Action Date: Jun 6, 2017 | [Approved](#)

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- ▶ ANSI C136.18-2018, Standard for Roadway and Area Lighting EquipmentHigh-Mast Side-Mounted Luminaires for Horizontal- or Vertical-Burning High-Intensity Discharge Lamps (revision of ANSI C136.18-2006 (R2010))  
PINS Date: Jan 23, 2015 | Public Review Date: Apr 13, 2018 | Final Action Date: Sep 20, 2018 | [Approved](#)

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- ▶ ANSI C136.19-2017 (R2022), for Roadway and Area Lighting Equipment High-Pressure Sodium (HPS) and Retrofit HPS Lamps for Mercury BallastsGuide for Selection (reaffirmation of ANSI C136.19-2017)  
PINS Date: Aug 6, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Feb 7, 2022 | [Approved](#)

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- ▶ ANSI C136.2-2018, Standard for Roadway and Area Lighting Equipment - Dielectric Withstand and Electrical Transient Immunity Requirements (revision of ANSI C136.2-2015)  
PINS Date: May 19, 2017 | Public Review Date: Jul 7, 2017 | Final Action Date: Sep 20, 2018 | [Approved](#)

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- ▶ ANSI C136.20-2021, Standard For Roadway and Area Lighting Equipment Fiber-Reinforced Composite (FRC) Lighting Poles (reaffirmation of ANSI C136.20-2012, )  
PINS Date: Jul 7, 2017 | Public Review Date: Jul 23, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)

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- ▶ ANSI C136.21-2014 (R2019), Standard for Roadaway Lighting Equipment - Vertical Tennenbs Used with Post-Top Mounted Luminaires (reaffirmation of ANSI C136.21-2014)  
Public Review Date: Feb 8, 2019 | Final Action Date: Apr 10, 2019 | [Approved](#)

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- ▶ ANSI C136.22-2019, For Roadway and Area Lighting Equipment - Internal Labeling of Luminaires (revision of ANSI C136.22-2004 (R2014))  
PINS Date: Jan 25, 2019 | Public Review Date: Oct 11, 2019 | Final Action Date: Nov 26, 2019 | [Approved](#)

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- ▶ ANSI C136.23-2021, For Roadway and Area Lighting Equipment—Enclosed Architectural Luminaires (revision of ANSI C136.23-2012)  
PINS Date: Oct 6, 2017 | Public Review Date: Jan 15, 2021 | Final Action Date: May 21, 2021 | [Approved](#)

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- ▶ ANSI C136.24-2020, For Roadway and Area Lighting Equipment - Nonlocking (Button) Type Photocontrols (revision of ANSI C136.24-2005 (R2010))  
PINS Date: Jul 11, 2014 | Public Review Date: Jan 17, 2020 | Final Action Date: Feb 24, 2020 | [Approved](#)

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- ▶ ANSI C136.25-2019, Ingress Protection (Resistance to Dust, Solid Objects, and Moisture) for Luminaire Enclosures (revision of ANSI C136.25-2013)  
PINS Date: Dec 28, 2018 | Public Review Date: Mar 8, 2019 | Final Action Date: Dec 9, 2019 | [Approved](#)

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- ▶ ANSI C136.26-2010 (S2020), Troubleshooting Guide for High-Intensity Discharge (HID) Luminaires (stabilized maintenance of ANSI C136.26-2010 (R2015))  
Public Review Date: Jan 24, 2020 | Final Action Date: Mar 19, 2020 | [Approved](#)

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- ▶ ANSI C136.27-2021, for Roadway and Area Lighting EquipmentTunnel and Underpass Lighting Luminaires (revision of ANSI C136.27-2012)  
PINS Date: Oct 6, 2017 | Public Review Date: Jan 15, 2021 | Final Action Date: May 20, 2021 | [Approved](#)

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- ▶ ANSI C136.28-2006 (S2017), Standard for Roadway and Area Lighting Equipment Glass Lenses Used in Luminaires (stabilized maintenance of ANSI C136.28-2006 (R2011))  
PINS Date: Jun 3, 2016 | Public Review Date: Nov 11, 2016 | Final Action Date: Jun 6, 2017 | [Approved](#)

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- ▶ ANSI C136.29-2011 (S2022), for Roadway and Area Lighting - Meta Halide Lamps - Guide for Selection (stabilized maintenance of ANSI C136.29-2011 (R2018))  
Public Review Date: Jun 3, 2022 | Final Action Date: Jul 21, 2022 | [Approved](#)

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**NEMA (ASC C136) (National Electrical Manufacturers Association)**

- ▶ ANSI C136.3-2020, Luminaire Attachments (revision of ANSI C136.3-2014)  
PINS Date: Apr 26, 2019 | Public Review Date: Jan 17, 2020 | Final Action Date: Mar 3, 2020 | [Approved](#)

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- ▶ ANSI C136.30-2015, Standards for Roadway and Area Lighting Equipment - Pole Vibration (new standard)  
PINS Date: Nov 16, 2012 | Public Review Date: Nov 28, 2014 | Final Action Date: Jan 13, 2015 | [Approved](#)

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- ▶ ANSI C136.31-2018, Standard for Roadway and Area Lighting Equipment "Luminaire Vibration" (revision of ANSI C136.31-2010)  
PINS Date: Feb 19, 2016 | Public Review Date: Jun 16, 2017 | Final Action Date: Jun 5, 2018 | [Approved](#)

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- ▶ ANSI C136.32-2020, Standard for Roadway and Area Lighting Equipment Enclosed Setback Luminaires and Directional Floodlights (revision of ANSI C136.32-2012)  
PINS Date: Dec 1, 2017 | Public Review Date: Jun 28, 2019 | Final Action Date: Jan 6, 2020 | [Approved](#)

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- ▶ ANSI C136.34-2020, For Roadway and Area Lighting Equipment - Vandal Shields for Roadway and Area Lighting Luminaires (revision of ANSI C136.34-2014)  
PINS Date: Apr 26, 2019 | Public Review Date: Aug 7, 2020 | Final Action Date: Sep 22, 2020 | [Approved](#)

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- ▶ ANSI C136.35-2020, Locking Type Power Taps (LTPT) (revision of ANSI C136.35-2009 (R2014))  
PINS Date: Apr 26, 2019 | Public Review Date: Jan 24, 2020 | Final Action Date: Mar 13, 2020 | [Approved](#)

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- ▶ ANSI C136.37-2019, Standard for Roadway and Area Lighting Equipment Solid State Light Sources Used in Roadway and Area Lighting (revision of ANSI C136.37-2011)  
PINS Date: May 27, 2016 | Public Review Date: Feb 22, 2019 | Final Action Date: May 3, 2019 | [Approved](#)

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- ▶ ANSI C136.38-2015 (R2020), Induction Lighting (reaffirmation of ANSI C136.38-2015)  
Public Review Date: Jan 17, 2020 | Final Action Date: Mar 3, 2020 | [Approved](#)

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- ▶ ANSI C136.4-2019, Series Sockets and Series Socket Receptacles (revision of ANSI C136.4-2003 (R2013))  
PINS Date: May 10, 2019 | Public Review Date: Jun 28, 2019 | Final Action Date: Aug 13, 2019 | [Approved](#)

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- ▶ ANSI C136.40-2014, Roadway and Area Lighting - Solar Lighting Systems (revision of ANSI C136.40-2011)  
PINS Date: Dec 27, 2013 | Public Review Date: May 30, 2014 | Final Action Date: Jul 17, 2014 | [Approved](#)

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- ▶ ANSI C136.41-2021, Standard for Roadway and Area Lighting Equipment Dimming Control Between an External Locking Type Photocontrol and Ballast or Driver (revision of ANSI C136.41-2013)  
PINS Date: Sep 8, 2017 | Public Review Date: Feb 26, 2021 | Final Action Date: Dec 3, 2021 | [Approved](#)

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- ▶ ANSI C136.42-2018, Standard for Roadway and Area Lighting Equipment - SSL Cobra Head Retrofit Mechanical and Electrical Interchangeability (new standard)  
PINS Date: Dec 30, 2011 | Public Review Date: Nov 23, 2018 | Final Action Date: Feb 13, 2019 | [Approved](#)

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- ▶ ANSI C136.45-2011 (S2021), Aluminum Lighting Poles (stabilized maintenance of ANSI C136.45-2011 (R2016))  
Public Review Date: Jan 15, 2021 | Final Action Date: May 21, 2021 | [Approved](#)

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- ▶ ANSI C136.46-2020, Concrete Lighting Poles (revision of ANSI C136.46-2013)  
PINS Date: Aug 23, 2019 | Public Review Date: Apr 10, 2020 | Final Action Date: Jul 9, 2020 | [Approved](#)

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- ▶ ANSI C136.47-2010 (S2021), Steel Roadway and Area Lighting Poles (stabilized maintenance of ANSI C136.47-2010 (R2015))  
PINS Date: Jul 31, 2020 | Public Review Date: Oct 9, 2020 | Final Action Date: May 21, 2021 | [Approved](#)

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- ▶ ANSI C136.48-2018, For Roadway and Area Lighting Equipment - Remote Monitoring and Controls (new standard)  
PINS Date: Nov 1, 2013 | Public Review Date: Apr 13, 2018 | Final Action Date: Sep 25, 2018 | [Approved](#)

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- ▶ ANSI C136.49-2021, For Roadway and Area Lighting Equipment - Plasma Lighting (revision of ANSI C136.49-2016)  
PINS Date: Jul 16, 2021 | Public Review Date: Sep 10, 2021 | Final Action Date: Oct 26, 2021 | [Approved](#)

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**NEMA (ASC C136) (National Electrical Manufacturers Association)**

- ▶ ANSI C136.5-1989 (S2019), Film Cutouts (stabilized maintenance of ANSI C136.5-1989 (R2013))  
Public Review Date: Dec 7, 2018 | Final Action Date: Jan 29, 2019 | [Approved](#)
- ▶ ANSI C136.50-2021, For Roadway and Area Lighting Equipment - Energy Measurement for a Network Lighting Control (NLC) Device with Locking Type Receptacle (new standard)  
PINS Date: Nov 1, 2013 | Public Review Date: Jun 4, 2021 | Final Action Date: Jul 20, 2021 | [Approved](#)
- ▶ ANSI C136.52-2021, LED Drivers with integral Revenue Grade Energy Measurement Means (new standard)  
Public Review Date: Mar 19, 2021 | Final Action Date: May 20, 2021 | [Approved](#)
- ▶ ANSI C136.53-2022, Roadway and Area Lighting Equipment - Enclosed Pendant Mounted Luminaires (revision of ANSI C136.53-2017)  
PINS Date: Dec 3, 2021 | Public Review Date: Sep 9, 2022 | Final Action Date: Dec 8, 2022 | [Approved](#)
- ▶ ANSI C136.56-2022, Roadway and Area Lighting Equipment - Standard Finishes (new standard)  
PINS Date: Oct 6, 2017 | Public Review Date: Aug 19, 2022 | Final Action Date: Dec 8, 2022 | [Approved](#)
- ▶ ANSI C136.57-2022, Wall Pack Luminaires for Exterior Lighting (new standard)  
PINS Date: Jun 25, 2021 | Public Review Date: Aug 19, 2022 | Final Action Date: Dec 8, 2022 | [Approved](#)
- ▶ ANSI C136.58-2019, Luminaire Four-Pin Extension Module and Receptacle - Physical and Electrical Interchangeability and Testing (new standard)  
PINS Date: Jul 6, 2018 | Public Review Date: Mar 22, 2019 | Final Action Date: Aug 9, 2019 | [Approved](#)
- ▶ ANSI C136.6-2004 (S2022), for Roadway and Area Lighting Equipment - Metal Heads and Reflector Assemblies Mechanical and Optical Interchangeability (stabilized maintenance of ANSI C136.6-2004 (R2018))  
Public Review Date: Jun 3, 2022 | Final Action Date: Jul 21, 2022 | [Approved](#)
- ▶ ANSI C136.9-2004 (S2022), For Roadway and Area Lighting EquipmentSocket Support Assemblies for Metal Heads Mechanical Interchangeability (stabilized maintenance of ANSI C136.9-2004 (R2018))  
Public Review Date: Jun 3, 2022 | Final Action Date: Jul 21, 2022 | [Approved](#)

**NEMA (ASC C137) (National Electrical Manufacturers Association)**

1300 N 17th Street, Suite 900, Rosslyn, VA 22209 | w: [www.nema.org](http://www.nema.org)

- ▶ ANSI C137.2-2019, Standard for Lighting Systems - Cybersecurity Requirements for Lighting Systems for Parking Facilities (new standard)  
PINS Date: Sep 16, 2016 | Public Review Date: Mar 23, 2018 | Final Action Date: Feb 15, 2019 | [Approved](#)
- ▶ ANSI C137.3-2017 (R2022), Standard for Lighting Systems-Minimum Requirements for installation of Energy Efficient Power over Ethernet (PoE) Lighting Systems (reaffirmation of ANSI C137.3-2017)  
Public Review Date: Jul 15, 2022 | Final Action Date: Oct 12, 2022 | [Approved](#)
- ▶ ANSI C137.7-2020, Standard for Lighting SystemsNetworked Parking Lot Lighting Systems (new standard)  
PINS Date: Jul 12, 2019 | Public Review Date: Jun 19, 2020 | Final Action Date: Oct 22, 2020 | [Approved](#)
- ▶ ANSI/C137.0-2022, Standard for Lighting Systems Terms and Definitions (revision of ANSI C137.0-2017)  
PINS Date: Jul 12, 2019 | Public Review Date: Dec 24, 2021 | Final Action Date: Mar 3, 2022 | [Approved](#)
- ▶ ANSI/C137.1-2022, 0-10V Dimming Interface for LED Drivers, Fluorescent Ballasts, and Controls (revision of ANSI/C137.1-2019)  
PINS Date: May 14, 2021 | Public Review Date: Dec 24, 2021 | Final Action Date: Mar 3, 2022 | [Approved](#)
- ▶ ANSI/C137.4-2021, Standard for Digital Interface with Auxiliary Power for Devices (revision of ANSI C137.4-2019)  
PINS Date: Feb 14, 2020 | Public Review Date: Aug 27, 2021 | Final Action Date: Nov 11, 2021 | [Approved](#)

**NEMA (ASC C137) (National Electrical Manufacturers Association)**

- ▶ ANSI/C137.5-2021, Energy Reporting Requirements for Lighting Devices (new standard)  
PINS Date: Mar 1, 2019 | Public Review Date: Dec 4, 2020 | Final Action Date: Mar 4, 2021 | [Approved](#)
- ▶ ANSI/C137.6-2021, For Lighting Systems--Data Tagging Vocabulary (Semantic Model Elements) for Interoperability (new standard)  
PINS Date: Jul 12, 2019 | Public Review Date: Dec 4, 2020 | Final Action Date: Apr 27, 2021 | [Approved](#)
- ▶ ANSI/C137.63103-2021, Standard for Lighting SystemsNon-Active Mode Power Measurement (national adoption with modifications of IEC 63103, ed1.0 (2020-07))  
PINS Date: Oct 2, 2020 | Public Review Date: Aug 20, 2021 | Final Action Date: Dec 13, 2021 | [Approved](#)

**NEMA (ASC C18) (National Electrical Manufacturers Association)**

1300 North 17th Street, Rosslyn, VA 22209 | w: [www.nema.org](http://www.nema.org)

- ▶ ANSI C18.1M, Part 1-2021, Portable Primary Cells and Batteries With Aqueous Electrolyte - General and Specifications (revision of ANSI C18.1M, Part 1-2015)  
PINS Date: Mar 18, 2016 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 4, 2021 | [Approved](#)
- ▶ ANSI C18.1M, Part 2-2019, Standard for Portable Primary Cells and Batteries with Aqueous Electrolyte Safety Standard (revision of ANSI C18.1M, Part 2-2017)  
PINS Date: Aug 3, 2018 | Public Review Date: Mar 22, 2019 | Final Action Date: May 10, 2019 | [Approved](#)
- ▶ ANSI C18.2M, Part 1-2019, Standard for Portable Nickel Rechargeable Cells and Batteries General and Specifications (new standard)  
PINS Date: Jul 22, 2016 | Public Review Date: Oct 18, 2019 | Final Action Date: Dec 5, 2019 | [Approved](#)
- ▶ ANSI C18.2M, Part 2-2021, Portable Nickel Rechargeable Cells and BatteriesSafety Standard (revision of ANSI C18.2M, Part 2-2014)  
PINS Date: Apr 1, 2016 | Public Review Date: Sep 25, 2020 | Final Action Date: Nov 20, 2020 | [Approved](#)
- ▶ ANSI C18.4M-2017, Standard for Portable Cells and Batteries Environmental (revision of ANSI C18.4-2015)  
PINS Date: Apr 15, 2016 | Public Review Date: Aug 18, 2017 | Final Action Date: Nov 2, 2017 | [Approved](#)
- ▶ ANSI C18.5M Part 1-2023, Portable Lithium Rechargeable Cells and Batteries - General and Specifications (revision of ANSI C18.5M Part 1-2020)  
PINS Date: Oct 28, 2022 | Public Review Date: Nov 25, 2022 | Final Action Date: Jan 12, 2023 | [Approved](#)

**NEMA (ASC C29) (National Electrical Manufacturers Association)**

13 North 17th Street, Suite 900, Rosslyn, VA 22209 | w: [www.nema.org](http://www.nema.org)

- ▶ ANSI C29.1-2018, Test Methods for Electrical Power Insulators (revision of ANSI C29.1-1988 (R2012))  
PINS Date: Jul 24, 2015 | Public Review Date: Jun 9, 2017 | Final Action Date: Jan 8, 2018 | [Approved](#)
- ▶ ANSI C29.10-2017, Wet Process Porcelain Insulators - Indoor Apparatus Type (revision of ANSI C29.10-1989 (R2012))  
PINS Date: Jul 24, 2015 | Public Review Date: Jun 9, 2017 | Final Action Date: Aug 18, 2017 | [Approved](#)
- ▶ ANSI C29.11-2020, Composite InsulatorsTest Methods (revision of ANSI C29.11-2012)  
PINS Date: Feb 2, 2018 | Public Review Date: Feb 7, 2020 | Final Action Date: May 5, 2020 | [Approved](#)
- ▶ ANSI C29.12-2020, Composite InsulatorsTransmission Suspension Type (revision of ANSI C29.12-2013)  
PINS Date: Mar 22, 2019 | Public Review Date: Feb 7, 2020 | Final Action Date: Apr 24, 2020 | [Approved](#)
- ▶ ANSI C29.13-2018, Composite Insulators Distribution Deadend Type (revision of ANSI C29.13-2012)  
PINS Date: Feb 2, 2018 | Public Review Date: Apr 6, 2018 | Final Action Date: Nov 29, 2018 | [Approved](#)

**NEMA (ASC C29) (National Electrical Manufacturers Association)**

- ▶ ANSI C29.17-2013, Standard for Insulators-Composite-Line Post Type (new standard)  
PINS Date: Jul 27, 2012 | Public Review Date: Sep 14, 2012 | Final Action Date: Oct 3, 2013 | [Approved](#)
- ▶ ANSI C29.18-2013, Standard for Composite Insulators -Distribution Line Post Type (revision of ANSI C29.18-2003)  
PINS Date: Aug 3, 2012 | Public Review Date: Sep 21, 2012 | Final Action Date: May 28, 2013 | [Approved](#)
- ▶ ANSI C29.19-2020, Composite InsulatorsStation Post Type (new standard)  
PINS Date: Feb 2, 2018 | Public Review Date: Feb 7, 2020 | Final Action Date: Apr 24, 2020 | [Approved](#)
- ▶ ANSI C29.2A-2020, Wet Process Porcelain and Toughened GlassDistribution Suspension Type (revision of ANSI C29.2A-2013)  
Public Review Date: Feb 7, 2020 | Final Action Date: Apr 24, 2020 | [Approved](#)
- ▶ ANSI C29.2B-2013, Standard for Insulators - Wet Process Porcelain and Toughened Glass - Transmission Suspension Type (new standard)  
PINS Date: Mar 8, 2013 | Public Review Date: Apr 5, 2013 | Final Action Date: May 30, 2013 | [Approved](#)
- ▶ ANSI C29.4-2022, Wet Process Porcelain Insulators - Strain Type (revision of ANSI/NEMA C29.4-2015)  
PINS Date: Dec 24, 2021 | Public Review Date: Mar 4, 2022 | Final Action Date: Dec 12, 2022 | [Approved](#)
- ▶ ANSI C29.8-2017, Wet Process Porcelain Insulators - Apparatus, Cap and Pin Type (revision of ANSI C29.8-1985 (R2012))  
PINS Date: Jul 24, 2015 | Public Review Date: Jun 9, 2017 | Final Action Date: Aug 18, 2017 | [Approved](#)
- ▶ ANSI C29.9-2017, Wet Process Porcelain Insulators - Apparatus, Post Type (revision of ANSI C29.9-1983 (R2012))  
PINS Date: Jul 24, 2015 | Public Review Date: Jun 9, 2017 | Final Action Date: Sep 19, 2017 | [Approved](#)
- ▶ ANSI/NEMA C29.3-2015 (R2022), Wet Process Porcelain InsulatorsSpool Type (reaffirmation of ANSI/NEMA C29.3-2015)  
PINS Date: Dec 24, 2021 | Public Review Date: Mar 4, 2022 | Final Action Date: Jun 2, 2022 | [Approved](#)
- ▶ ANSI/NEMA C29.5-2015, Standard for Wet Process Porcelain Insulators- Low and Medium Voltage Types (revision and redesignation of ANSI C29.5-1984 (R2012))  
Public Review Date: Jul 4, 2014 | Final Action Date: Jul 30, 2015 | [Approved](#)
- ▶ ANSI/NEMA C29.6-2015, Standard for Wet Process Porcelain Insulators-High Voltage Pin Type (revision and redesignation of ANSI C29.6-1996 (R2012))  
Public Review Date: Jul 4, 2014 | Final Action Date: Jul 30, 2015 | [Approved](#)
- ▶ ANSI/NEMA C29.7-2015, Standard for Wet Process Porcelain Insulators- High-Voltage Line Post Type (revision and redesignation of ANSI C29.7-1996 (R2012))  
Public Review Date: Jul 4, 2014 | Final Action Date: Jul 31, 2015 | [Approved](#)

**NEMA (ASC C37) (National Electrical Manufacturers Association)**

1300 North 17th Street, Suite 1752, Rosslyn, VA 22209 | w: [www.nema.org](http://www.nema.org)

- ▶ ANSI C37.50-2018, Low-Voltage AC Power Circuit Breakers Used in Enclosures - Test Procedures (revision of ANSI C37.50-2012)  
PINS Date: Jul 3, 2015 | Public Review Date: Jun 16, 2017 | Final Action Date: Mar 29, 2018 | [Approved](#)
- ▶ ANSI C37.51-2018, Metal-Enclosed Low-Voltage AC Power Circuit Breaker Switchgear Assemblies - Conformance Test Procedures. (revision, redesignation and consolidation of ANSI C37.51-2003 (R2010), ANSI C37.51a-2010)  
PINS Date: Mar 20, 2015 | Public Review Date: Jun 16, 2017 | Final Action Date: Mar 29, 2018 | [Approved](#)
- ▶ ANSI C37.54-2003 (R2020), Standard for Alternating Current High-Voltage Circuit Breakers Applied in Metal-Enclosed SwitchgearConformance Test Procedures (reaffirmation of ANSI C37.54-2003 (R2010))  
PINS Date: Feb 28, 2020 | Public Review Date: May 29, 2020 | Final Action Date: Sep 17, 2020 | [Approved](#)

**NEMA (ASC C37) (National Electrical Manufacturers Association)**

- ▶ ANSI C37.55-2020, Standard for Switchgear Medium Voltage Metal-Clad Assemblies Conformance Test Procedures (revision of ANSI C37.55-2003 (R2010))

PINS Date: May 11, 2018 | Public Review Date: Dec 27, 2019 | Final Action Date: Feb 24, 2020 | [Approved](#)

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- ▶ ANSI C37.58-2019, Indoor AC Medium-Voltage Switches for Use in Metal-Enclosed Switchgear Conformance Test Procedures (revision of ANSI C37.58-2003 (R2010))

PINS Date: May 4, 2018 | Public Review Date: Feb 8, 2019 | Final Action Date: Nov 15, 2019 | [Approved](#)

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- ▶ ANSI C37.85-2020, Alternating-Current High-Voltage Power Vacuum Interrupters Safety Requirements for X-Radiation Limits (revision of ANSI C37.85-2002 (R2010))

PINS Date: May 4, 2018 | Public Review Date: Feb 8, 2019 | Final Action Date: Jun 22, 2020 | [Approved](#)

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**NEMA (ASC C50) (National Electrical Manufacturers Association)**

1300 N 17th Street, Suite 900, Rosslyn, VA 22209 | w: [www.nema.org](http://www.nema.org)

- ▶ ANSI C50.41-2012 (R2021), Polyphase Induction Motors for Power Generating Stations (reaffirmation of ANSI C50.41-2012)

PINS Date: Feb 15, 2019 | Public Review Date: Oct 16, 2020 | Final Action Date: Apr 5, 2021 | [Approved](#)

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- ▶ ANSI NEMA 61800-9-1-2022, Adjustable Speed Drives - Electrical Power Drive Systems - Part 1: General Requirements - Rating Specifications for Low Voltage Adjustable Speed d.c. Power Drive Systems (identical national adoption of IEC 61800-9-1-2017 Ed. 1)

PINS Date: Jun 3, 2022 | Public Review Date: Aug 12, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)

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- ▶ ANSI NEMA 61800-9-2-2022, Adjustable Speed Drives Electrical Power Drive Systems Part 9-2: Ecodesign for power drive systems, motor starters, power electronics and their driven applications - Energy efficiency indicators for power drive systems and motor starters (identical national adoption of IEC 61800-9-2-2017 Ed. 1)

PINS Date: Jun 3, 2022 | Public Review Date: Sep 9, 2022 | Final Action Date: Dec 29, 2022 | [Approved](#)

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- ▶ ANSI NEMA MG 1-2022, Motors and Generators (revision of ANSI NEMA MG 1-2021)

PINS Date: Sep 3, 2021 | Public Review Date: Apr 8, 2022 | Final Action Date: Jun 6, 2022 | [Approved](#)

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**NEMA (ASC C78) (National Electrical Manufacturers Association)**

1300 N 17th St, Rosslyn, VA 22209 | w: [www.nema.org](http://www.nema.org)

- ▶ ANSI C78.1195-2016 (R2022), for Electric Lamps—Double-Capped Fluorescent Lamps—Safety Specifications (reaffirmation of ANSI C78.1195-2016)

Public Review Date: Jul 9, 2021 | Final Action Date: Apr 7, 2022 | [Approved](#)

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- ▶ ANSI C78.1199-2016 (R2022), For Electric Lamps—Single-Capped Fluorescent Lamps—Safety Specifications (reaffirmation of ANSI C78.1199-2016)

Public Review Date: Jul 9, 2021 | Final Action Date: Apr 6, 2022 | [Approved](#)

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- ▶ ANSI C78.1401-2004 (S2022), For Electric Lamps—Dimensions for Projection Lamps—Double-Contact, Medium Ring (Special B), Base-up Type (stabilized maintenance of ANSI C78.1401-2004 (R2016))

Public Review Date: Jul 9, 2021 | Final Action Date: Apr 12, 2022 | [Approved](#)

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- ▶ ANSI C78.1402-2004 (S2018), Standard For Electric Lamps -- Dimensions for Projection Lamps G17q and GX17q Based Four-pin, Prefocus, for Base-down Operation (stabilized maintenance of ANSI C78.1402-2004 (R2011))

Public Review Date: Oct 20, 2017 | Final Action Date: Feb 15, 2018 | [Approved](#)

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- ▶ ANSI C78.1403-1997 (S2018), Standard for Electric Lamps--Tungsten Halogen Lamps with 6.35, GX6.35 and GY6.35 Bases (stabilized maintenance of ANSI C78.1403-1997 (R2011))

Public Review Date: Oct 20, 2017 | Final Action Date: Feb 15, 2018 | [Approved](#)

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**NEMA (ASC C78) (National Electrical Manufacturers Association)**

- ▶ ANSI C78.1406-2004 (S2020), For Electric Lamps Electric Lamps – P28 Single-Contact Medium Prefocus Based Projection Lamps for Base-Down Operation - Dimensions (stabilized maintenance of ANSI C78.1406-2004 (R2015))  
Public Review Date: May 29, 2020 | Final Action Date: Sep 28, 2020 | [Approved](#)
- ▶ ANSI C78.1407-2004 (S2020), For Electric Lamps Electric Lamps – Condenser-Reflector, Four-Pin Prefocus-Base Projection Lamps - Dimensions (stabilized maintenance of ANSI C78.1407-2004 (R2015))  
Public Review Date: May 29, 2020 | Final Action Date: Sep 28, 2020 | [Approved](#)
- ▶ ANSI C78.1408-2004 (S2020), For Electric Lamps Electric Lamps – CBA Projection Lamp (stabilized maintenance of ANSI C78.1408-2004 (R2015))  
Public Review Date: May 29, 2020 | Final Action Date: Sep 28, 2020 | [Approved](#)
- ▶ ANSI C78.1420-2001 (S2018), Standard For Electric Lamps-Microfilm Projection Lamps Two-inch (51mm) Dichroic Coated Integral Reflector, Rim Reference, Tungsten Halogen Lamps with GX5.3 Bases (stabilized maintenance of ANSI C78.1420-2001 (R2011))  
Public Review Date: Oct 20, 2017 | Final Action Date: Jan 24, 2018 | [Approved](#)
- ▶ ANSI C78.1430-1997 (S2022), For Electric Lamps—Slide Projector Lamps, Condensing, Dichroic, 1.65-in. (42 mm), Integral Reflector, Rim Reference Tungsten-Halogen Lamps with GX5.3 Bases (stabilized maintenance of ANSI C78.1430-1997 (R2016))  
Public Review Date: Jul 9, 2021 | Final Action Date: Jul 18, 2022 | [Approved](#)
- ▶ ANSI C78.1431-1997 (S2022), For Electric Lamps—Slide Projector Lamps, Condensing, Dichroic, Two-inch (51 mm), Integral Reflector, Rim Reference Tungsten-Halogen Lamps with GY 5.3 Bases (stabilized maintenance of ANSI C78.1431-1997 (R2016))  
Public Review Date: Jul 9, 2021 | Final Action Date: Jul 18, 2022 | [Approved](#)
- ▶ ANSI C78.1432-1997 (S2018), Standard for electric lamps--Tungsten-Halogen Lamps with GZ9.5 Two-Pin, Prefocus Bases and 36.5mm Nominal Light Center Length (stabilized maintenance of ANSI C78.1432-1997 (R2011))  
Public Review Date: Feb 9, 2018 | Final Action Date: Jun 8, 2018 | [Approved](#)
- ▶ ANSI C78.1433-2001 (S2018), Standard Electric Lamps Two-inch (51mm) Dichroic Coated Integral Reflector, Rim Reference, Tungsten Halogen Large Screen Projection Lamps with GX5.3 Bases (stabilized maintenance of ANSI C78.1433-2001 (R2011))  
Public Review Date: Feb 9, 2018 | Final Action Date: Jun 8, 2018 | [Approved](#)
- ▶ ANSI C78.1434-2001 (S2018), Standard Electric Lamps Condensing Dichroic Coated Integral Reflector Side Pin Tungsten Halogen Projection Lamps with GX7.9 Bases (stabilized maintenance of ANSI C78.1434-2001 (R2011))  
Public Review Date: Feb 9, 2018 | Final Action Date: Jun 8, 2018 | [Approved](#)
- ▶ ANSI C78.1435-2002 (S2018), Standard Electric Lamps Projection Lamps--Tungsten Halogen Lamps with G5.3 Bases (stabilized maintenance of ANSI C78.1435-2002 (R2011))  
Public Review Date: Feb 9, 2018 | Final Action Date: Jun 8, 2018 | [Approved](#)
- ▶ ANSI C78.1450-1983 (S2018), Standard for Electric Lamps - Projection Lamps, Incandescent, Method for Life Testing (stabilized maintenance of ANSI C78.1450-1983 (R2011))  
Public Review Date: Oct 20, 2017 | Final Action Date: Feb 15, 2018 | [Approved](#)
- ▶ ANSI C78.1451-2002 (S2018), Standard For Electric Lamps--Use of Protective Shields with Tungsten-Halogen LampsCautionary Notice (stabilized maintenance of ANSI C78.1451-2002 (R2011))  
Public Review Date: Oct 20, 2017 | Final Action Date: Jun 8, 2018 | [Approved](#)
- ▶ ANSI C78.1452-2004 (S2020), For Electric Lamps – Projection Lamps – Vocabulary (stabilized maintenance of ANSI C78.1452-2004 (R2015))  
Public Review Date: May 29, 2020 | Final Action Date: Sep 28, 2020 | [Approved](#)

**NEMA (ASC C78) (National Electrical Manufacturers Association)**

- ▶ ANSI C78.1460-2004 (S2020), For Electric Lamps Single-Ended Tungsten-Halogen Lamps GZ9.5 Base, T6 Bulb, 36.5mm LCL, 76.2mm MOL with Proximity Reflector (stabilized maintenance of ANSI C78.1460-2004 (R2015))  
Public Review Date: May 29, 2020 | Final Action Date: Sep 28, 2020 | [Approved](#)

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- ▶ ANSI C78.1501-2016 (R2022), For Electric Lamps - Tungsten-Halogen Lamps with G22 Bases and 63.5 mm LCL (reaffirmation of ANSI C78.1501-2016)  
Public Review Date: Jul 9, 2021 | Final Action Date: Apr 5, 2022 | [Approved](#)

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- ▶ ANSI C78.180-2003 (S2022), For Electric Lamps—Specifications for Fluorescent Lamp Starters (stabilized maintenance of ANSI C78.180-2003 (R2016))  
Public Review Date: Jul 9, 2021 | Final Action Date: Apr 12, 2022 | [Approved](#)

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- ▶ ANSI C78.20-2022, Standard for Electric Lamps A, G, PS, and Similar Shapes with E26 Medium Screw Bases (revision of ANSI C78.20-2003 (R2015))  
PINS Date: Jun 30, 2017 | Public Review Date: Apr 22, 2022 | Final Action Date: Jun 16, 2022 | [Approved](#)

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- ▶ ANSI C78.21-2022, Standard -- Incandescent lamps: PAR and R Shapes (revision of ANSI C78.21-2011 (R2016))  
PINS Date: May 21, 2021 | Public Review Date: Apr 22, 2022 | Final Action Date: Jun 16, 2022 | [Approved](#)

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- ▶ ANSI C78.22-1995 (S2018), Standard for Electric Lamps--A, G, PS, and similar shapes with E39 mogul screw bases (stabilized maintenance of ANSI C78.22-1995 (R2011))  
Public Review Date: Oct 20, 2017 | Final Action Date: Feb 15, 2018 | [Approved](#)

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- ▶ ANSI C78.23-1995 (S2018), For Incandescent Lamps - Miscellaneous Types (stabilized maintenance of ANSI C78.23-1995 (R2011))  
Public Review Date: Oct 20, 2017 | Final Action Date: Feb 15, 2018 | [Approved](#)

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- ▶ ANSI C78.260-2002 (S2018), For Electric Lamps Tubular Tungsten-Halogen Lamps Physical Characteristics (stabilized maintenance of ANSI C78.260-2002 (R2011))  
Public Review Date: Oct 20, 2017 | Final Action Date: Feb 15, 2018 | [Approved](#)

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- ▶ ANSI C78.261-1997 (S2018), Specification for Tubular Incandescent Infrared Lamps (stabilized maintenance of ANSI C78.261-1997 (R2011))  
Public Review Date: Oct 20, 2017 | Final Action Date: Feb 15, 2018 | [Approved](#)

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- ▶ ANSI C78.30-1997 (S2018), Standard for electric lamps: Procedure for Use in Preparation of Lamp Space Drawings (stabilized maintenance of ANSI C78.30-1997 (R2011))  
Public Review Date: Feb 9, 2018 | Final Action Date: Jun 8, 2018 | [Approved](#)

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- ▶ ANSI C78.370-1997 (S2018), Standard for electric lamps - Method of Designation for Electric Lamps - Photographic, Stage and Studio (stabilized maintenance of ANSI C78.370-1997 (R2011))  
Public Review Date: Oct 20, 2017 | Final Action Date: Feb 15, 2018 | [Approved](#)

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- ▶ ANSI C78.374-2015 (R2021), For electric lamps: Light Emitting Diode Specification Sheet for General Illumination Applications (reaffirmation of ANSI C78.374-2015)  
Public Review Date: May 29, 2020 | Final Action Date: May 6, 2021 | [Approved](#)

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- ▶ ANSI C78.375A-2014 (R2020), For Electric Lamps:Fluorescent Lamps Guide for Electrical Measures (reaffirmation of ANSI C78.375A-2014)  
Public Review Date: Jul 12, 2019 | Final Action Date: Jan 17, 2020 | [Approved](#)

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- ▶ ANSI C78.376-2014 (R2021), For electric lamps: Specifications for the Chromaticity of Fluorescent Lamps (reaffirmation of ANSI C78.376-2014)  
Public Review Date: May 29, 2020 | Final Action Date: May 6, 2021 | [Approved](#)

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**NEMA (ASC C78) (National Electrical Manufacturers Association)**

- ▶ ANSI C78.377-2017 (R2022), ANS for Electric Lamps: Specifications for the Chromaticity of Solid-State Lighting Products (reaffirmation of ANSI C78.377-2017)  
PINS Date: Jun 30, 2017 | Public Review Date: Apr 22, 2022 | Final Action Date: Jun 16, 2022 | [Approved](#)
- ▶ ANSI C78.379-2006 (S2020), For Electric Lamps - Classification of the Beam Patterns of Reflector Lamps (stabilized maintenance of ANSI C78.379-2006 (R2015))  
Public Review Date: May 29, 2020 | Final Action Date: Sep 28, 2020 | [Approved](#)
- ▶ ANSI C78.380-2016 (R2022), For Electric Lamps: High-Intensity Discharge Lamps, Method of Designation (reaffirmation of ANSI C78.380-2016)  
Public Review Date: Jul 9, 2021 | Final Action Date: Apr 5, 2022 | [Approved](#)
- ▶ ANSI C78.381-1961 (S2016), Standard for Electric Lamps: Method for the Designation of Glow Lamps (stabilized maintenance of ANSI C78.381-1961 (R2011))  
Public Review Date: Mar 4, 2016 | Final Action Date: Jul 12, 2016 | [Approved](#)
- ▶ ANSI C78.385-1961 (S2016), Standard for Electric Lamps: Methods of Measurement of Glow Lamps (stabilized maintenance of ANSI C78.385-1961 (R2011))  
Public Review Date: Mar 4, 2016 | Final Action Date: Jul 1, 2016 | [Approved](#)
- ▶ ANSI C78.389-1989 (S2018), ANS for electric lamps - High Intensity Discharge Methods of Measuring Characteristics (stabilized maintenance of ANSI C78.389-1989 (R2009))  
PINS Date: Jun 30, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: Jun 8, 2018 | [Approved](#)
- ▶ ANSI C78.390-2006 (S2020), For Electric Lamps- Method of Designation for Electric Lamps- Miniature and Sealed-Beam Incandescent Lamps (stabilized maintenance of ANSI C78.390-2006 (R2015))  
Public Review Date: May 29, 2020 | Final Action Date: Sep 28, 2020 | [Approved](#)
- ▶ ANSI C78.391-2004 (S2022), For Electric Lamps—Characteristics of Subminiature Lamps of T1 and T1-3/4 Shapes (stabilized maintenance of ANSI C78.391-2004 (R2016))  
Public Review Date: Jul 9, 2021 | Final Action Date: Apr 12, 2022 | [Approved](#)
- ▶ ANSI C78.40-2016 (R2022), For Electric Lamps: Specifications for Mercury Lamps (reaffirmation of ANSI C78.40-2016)  
Public Review Date: Jul 9, 2021 | Final Action Date: Apr 12, 2022 | [Approved](#)
- ▶ ANSI C78.41-2016 (R2022), For Electric Lamps: Guidelines for Low Pressure Sodium Lamps (reaffirmation of ANSI C78.41-2016)  
Public Review Date: Jul 9, 2021 | Final Action Date: Apr 12, 2022 | [Approved](#)
- ▶ ANSI C78.42-2009 (S2022), For Electric Lamps—High-Pressure Sodium Lamps (stabilized maintenance of ANSI C78.42-2009 (R2016))  
Public Review Date: Jul 9, 2021 | Final Action Date: Apr 12, 2022 | [Approved](#)
- ▶ ANSI C78.43-2022, ANS for Electric Lamps - Single-Ended Metal Halide Lamps (revision of ANSI C78.43-2017)  
PINS Date: Oct 26, 2018 | Public Review Date: Apr 22, 2022 | Final Action Date: Jun 16, 2022 | [Approved](#)
- ▶ ANSI C78.44-2016 (R2022), For Electric Lamps: Double-Ended Metal Halide Lamps (reaffirmation of ANSI C78.44-2016)  
Public Review Date: Jul 9, 2021 | Final Action Date: Apr 12, 2022 | [Approved](#)
- ▶ ANSI C78.45-2016 (R2022), For Electric Lamps: Self-ballasted Mercury Lamps (reaffirmation of ANSI C78.45-2016)  
Public Review Date: Jul 9, 2021 | Final Action Date: Apr 12, 2022 | [Approved](#)
- ▶ ANSI C78.5-2017 (R2022), Standard For Electric Lamps - Specifications for Performance of Self-ballasted Compact Fluorescent Lamps (reaffirmation of ANSI C78.5-2017)  
Public Review Date: Apr 22, 2022 | Final Action Date: Jun 16, 2022 | [Approved](#)

**NEMA (ASC C78) (National Electrical Manufacturers Association)**

- ▶ ANSI C78.50-2016 (R2022), For Electric Lamps--Assigned LED Lamp Codes (reaffirmation of ANSI C78.50-2016)  
Public Review Date: Jul 9, 2021 | Final Action Date: Apr 12, 2022 | [Approved](#)

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- ▶ ANSI C78.51-2016 (R2022), For Electric Lamps—LED (Light Emitting Diode) Lamps—Method of Designation (reaffirmation of ANSI C78.51-2016)  
Public Review Date: Jul 9, 2021 | Final Action Date: Apr 12, 2022 | [Approved](#)

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- ▶ ANSI C78.52-2017 (R2022), ANS for Electric Lamps, Light Emitting Diode (LED) Direct Replacement Lamps - Method of Designation (reaffirmation of ANSI C78.52-2017)  
Public Review Date: Apr 22, 2022 | Final Action Date: Jun 16, 2022 | [Approved](#)

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- ▶ ANSI C78.53-2019, ANS For Electric Lamps, Performance Specifications for Direct Replacement LED (Light Emitting Diode) Lamps (new standard)  
PINS Date: Sep 5, 2014 | Public Review Date: Apr 5, 2019 | Final Action Date: May 23, 2019 | [Approved](#)

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- ▶ ANSI C78.54-2019, Standard for Electric Lamps - Specification Sheet for Tubular Fluorescent Replacement and Retrofit LED Lamps (new standard)  
PINS Date: Jan 5, 2018 | Public Review Date: Oct 5, 2018 | Final Action Date: Jan 11, 2019 | [Approved](#)

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- ▶ ANSI C78.55-2020, Standard for Electric Lamps - LED Lamp Specification Sheets for HID Replacement and Retrofit Applications (new standard)  
PINS Date: Jun 14, 2019 | Public Review Date: Jan 31, 2020 | Final Action Date: Mar 27, 2020 | [Approved](#)

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- ▶ ANSI C78.60360-2002 (S2016), Standard for Electric Lamps - Standard Method of Measurement of Lamp Cap Temperature Rise (stabilized maintenance of ANSI C78.60360-2002 (R2010))  
Public Review Date: Dec 18, 2015 | Final Action Date: Mar 30, 2016 | [Approved](#)

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- ▶ ANSI C78.60432.1-2003 (S2018), Standard for electric lamps--Incandescent LampsSafety Specifications Part 1 : Tungsten Filament Lamps for Domestic and Similar General Lighting Purposes (stabilized maintenance of ANSI C78.60432.1-2003 (R2011))  
Public Review Date: Feb 9, 2018 | Final Action Date: Apr 17, 2018 | [Approved](#)

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- ▶ ANSI C78.60432.2-2004 (S2018), Standard for electric lamps--Incandescent LampsSafety Specifications--Part 2 : Tungsten Halogen Lamps for Domestic and Similar General Lighting Purposes (stabilized maintenance of ANSI C78.60432.2-2004 (R2011))  
Public Review Date: Feb 9, 2018 | Final Action Date: Jun 8, 2018 | [Approved](#)

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- ▶ ANSI C78.60432.3-2007 (S2018), Standard for electric lamps--Incandescent LampsSafety Specifications--Part 3 : Tungsten halogen lamps (non-vehicle) (stabilized maintenance of ANSI C78.60432.3-2007 (R2011))  
Public Review Date: Feb 9, 2018 | Final Action Date: Jun 8, 2018 | [Approved](#)

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- ▶ ANSI C78.62035-2016 (R2022), For Electric Lamps—Discharge Lamps (Excluding Fluorescent Lamps)—Safety Specifications (reaffirmation of ANSI C78.62035-2016)  
Public Review Date: Jul 9, 2021 | Final Action Date: Apr 19, 2022 | [Approved](#)

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- ▶ ANSI C78.62612-2018 (R2023), Standard for Electric Lamps - Self-ballasted LED Lamps Performance Specifications (reaffirmation of ANSI C78.62612-2018)  
Public Review Date: Nov 18, 2022 | Final Action Date: Jan 19, 2023 | [Approved](#)

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- ▶ ANSI C78.62717-2018 (R2023), Standard for Electric Lamps - LED modules for general lighting - Performance Requirements (reaffirmation of ANSI C78.62717-2018)  
Public Review Date: Nov 18, 2022 | Final Action Date: Jan 19, 2023 | [Approved](#)

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- ▶ ANSI C78.682-1997 (S2022), For Electric Lamps—Standard Method of Measuring the Pinch Temperature of Quartz Tungsten-Halogen Lamps (stabilized maintenance of ANSI C78.682-1997 (R2016))  
Public Review Date: Jul 9, 2021 | Final Action Date: Apr 12, 2022 | [Approved](#)

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**NEMA (ASC C78) (National Electrical Manufacturers Association)**

- ▶ ANSI C78.79-2014 (R2020), ANS for Electric Lamps - Nomenclature for Envelope Shapes Intended for use with Electric Lamps (reaffirmation of ANSI C78.79-2014)  
Public Review Date: Jul 12, 2019 | Final Action Date: Jan 17, 2020 | [Approved](#)
- ▶ ANSI C78.81-2016 (R2022), For Electric Lamps—Double-Capped Fluorescent Lamps—Dimensional and Electrical Characteristics (reaffirmation of ANSI C78.81-2016)  
Public Review Date: Jul 9, 2021 | Final Action Date: Apr 12, 2022 | [Approved](#)
- ▶ ANSI C78.901-2016 (R2022), For Electric Lamps—Single-Based Fluorescent Lamps—Dimensional and Electrical Characteristics (reaffirmation of ANSI C78.901-2016)  
Public Review Date: Jul 9, 2021 | Final Action Date: Apr 12, 2022 | [Approved](#)
- ▶ ANSI C78.LL1256-2003 (S2020), For Electric Lamps — Procedures for Fluorescent Lamp Sample Preparation and the Toxicity Characteristic Leaching Procedure (stabilized maintenance of ANSI C78.LL1256-2003 (R2015))  
Public Review Date: May 29, 2020 | Final Action Date: Sep 28, 2020 | [Approved](#)
- ▶ ANSI C78.LL3-2003 (S2020), For Electric Lamps — Procedures for High Intensity Discharge Lamp Sample Preparation and the Toxicity Characteristic Leaching Procedure (stabilized maintenance of ANSI C78.LL3-2003 (R2015))  
Public Review Date: May 29, 2020 | Final Action Date: Sep 28, 2020 | [Approved](#)
- ▶ ANSI C78.LL4-2003 (S2018), Standard for Electric Lamps—Procedures for Incandescent Lamp Sample Preparation and the Toxicity Characteristic Leaching Procedure (stabilized maintenance of ANSI C78.LL4-2003 (R2011))  
Public Review Date: Feb 9, 2018 | Final Action Date: Jun 8, 2018 | [Approved](#)

**NEMA (ASC C8) (National Electrical Manufacturers Association)**

1300 North 17th Street, Suite 900, Arlington, VA 22209 | w: [www.nema.org](http://www.nema.org)

- ▶ ANSI C18.3M, Part 1-2019, Portable Lithium Primary Cells and Batteries-General and Specifications (revision of ANSI C18.3M, Part 1-2013)  
PINS Date: Apr 8, 2016 | Public Review Date: Dec 21, 2018 | Final Action Date: Jun 25, 2019 | [Approved](#)
- ▶ ANSI C18.3M, Part 2-2021, Portable Lithium Primary Cells and Batteries--Safety Standard (revision of ANSI C18.3M, Part 2-2019)  
PINS Date: Dec 4, 2020 | Public Review Date: Dec 25, 2020 | Final Action Date: Jan 26, 2021 | [Approved](#)
- ▶ ANSI ICEA P-117-734-2022, Ampacities For Single-Conductor Solid Dielectric Power Cable 15 kV Through 35 kV (revision of ANSI/ICEA P-117-734-2016)  
PINS Date: Mar 12, 2021 | Public Review Date: Mar 11, 2022 | Final Action Date: May 19, 2022 | [Approved](#)
- ▶ ANSI ICEA P-124-736-2021, Code Words for 600V Underground Distribution Cable (new standard)  
PINS Date: Sep 27, 2019 | Public Review Date: Apr 16, 2021 | Final Action Date: Jun 3, 2021 | [Approved](#)
- ▶ ANSI ICEA P-127-737-2021, Code Words for Overhead Aluminum Covered Conductors and 600 Volt Overhead Cables (new standard)  
PINS Date: Sep 27, 2019 | Public Review Date: Apr 16, 2021 | Final Action Date: Jun 3, 2021 | [Approved](#)
- ▶ ANSI ICEA P-32-382-2006 (R2018), Short Circuit Characteristics of Insulated Conductors (reaffirmation of ANSI/ICEA P-32-382-2006 (R2013))  
Public Review Date: Mar 23, 2018 | Final Action Date: Aug 16, 2018 | [Approved](#)
- ▶ ANSI ICEA P-79-561-2020, Guide for Selecting Aerial Cable Messengers and Lashing Wires (revision of ANSI/ICEA P-79-561-2008 (R2018))  
PINS Date: Sep 20, 2019 | Public Review Date: Feb 21, 2020 | Final Action Date: Aug 14, 2020 | [Approved](#)
- ▶ ANSI ICEA S-103-701-2018, Riser Cables Technical Requirements (revision of ANSI/ICEA S-103-701-2004 (R2011))  
PINS Date: Dec 16, 2016 | Public Review Date: Jan 12, 2018 | Final Action Date: May 15, 2018 | [Approved](#)

**NEMA (ASC C8) (National Electrical Manufacturers Association)**

- ▶ ANSI ICEA S-104-696-2019, Standard for Indoor-Outdoor Optical Fiber Cable (revision of ANSI/ICEA S-104-696-2013)  
PINS Date: Apr 26, 2019 | Public Review Date: Jun 21, 2019 | Final Action Date: Aug 26, 2019 | [Approved](#)

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- ▶ ANSI ICEA S-105-692-2020, Standard for 600 Volt Single Layer Thermoset Insulated Utility Underground Distribution Cables (revision of ANSI/ICEA S-105-692-2010)  
PINS Date: Apr 26, 2019 | Public Review Date: Feb 7, 2020 | Final Action Date: Sep 2, 2020 | [Approved](#)

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- ▶ ANSI ICEA S-107-704-2021, Broadband Buried Service Wire, Filled, Polyolefin Insulated, Copper Conductor. (revision of ANSI/ICEA S-107-704-2012)  
PINS Date: May 18, 2018 | Public Review Date: Jun 11, 2021 | Final Action Date: Jul 27, 2021 | [Approved](#)

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- ▶ ANSI ICEA S-108-720-2018, Standard For Extruded Insulation Power Cables Rated Above 46 Through 500 KV AC (revision of ANSI/ICEA S-108-720-2012)  
PINS Date: Jan 5, 2018 | Public Review Date: Feb 16, 2018 | Final Action Date: Mar 16, 2018 | [Approved](#)

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- ▶ ANSI ICEA S-109-709-2011 (R2018), Standard for Distribution Frame Wire Technical Requirements (reaffirmation of ANSI ICEA S-109-709-2011)  
Public Review Date: Mar 16, 2018 | Final Action Date: May 15, 2018 | [Approved](#)

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- ▶ ANSI ICEA S-110-717-2019, Standard for Optical Fiber Drop Cable (revision of ANSI/ICEA S-110-717-2013)  
PINS Date: Apr 26, 2019 | Public Review Date: Jul 26, 2019 | Final Action Date: Sep 26, 2019 | [Approved](#)

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- ▶ ANSI ICEA S-112-718-2021, Standard for Optical Fiber Cable for Placement in Sewer Environments (revision of ANSI/ICEA S-112-718-2013)  
PINS Date: Apr 26, 2019 | Public Review Date: Mar 5, 2021 | Final Action Date: Apr 15, 2021 | [Approved](#)

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- ▶ ANSI ICEA S-115-730-2018, Standard for Multi-Dwelling Unit (MDU) Optical Fiber Cable (revision of ANSI ICEA S-115-730-2012)  
PINS Date: Mar 23, 2018 | Public Review Date: Apr 27, 2018 | Final Action Date: Aug 16, 2018 | [Approved](#)

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- ▶ ANSI ICEA S-118-746-2021, Standard for Category 8, 100 Ohm, Indoor Cables for use in LAN Communication Wiring Systems (new standard)  
PINS Date: Jun 4, 2021 | Public Review Date: Sep 3, 2021 | Final Action Date: Dec 7, 2021 | [Approved](#)

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- ▶ ANSI ICEA S-119-741-2021, Standard For Fiber To The Antenna (FTTA) Optical Fiber Cable (revision of ANSI/ICEA S-119-741-2016)  
PINS Date: Mar 12, 2021 | Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI ICEA S-120-742-2021, Hybrid Optical Fiber And Power Cable For Use In Limited Power Circuits (revision of ANSI/ICEA S-120-742-2016)  
PINS Date: Jul 5, 2019 | Public Review Date: Mar 12, 2021 | Final Action Date: Apr 27, 2021 | [Approved](#)

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- ▶ ANSI ICEA S-122-744-2022, Standard For Optical Fiber Outside Plant Microduct Cables (revision of ANSI ICEA S-122-744-2016)  
PINS Date: Jan 28, 2022 | Public Review Date: Mar 25, 2022 | Final Action Date: Jul 11, 2022 | [Approved](#)

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- ▶ ANSI ICEA S-130-760-2021, ICEA Standard For Broadband Twisted Pair Cable Filled And Unfilled, Polyolefin Insulated, Copper Conductor (new standard)  
PINS Date: Mar 5, 2021 | Public Review Date: Jun 4, 2021 | Final Action Date: Jul 22, 2021 | [Approved](#)

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- ▶ ANSI ICEA S-76-474-2020, Standard for Neutral-Supported Power Cable Assemblies with Weather-Resistant Extruded Insulation Rated 600 Volts (revision of ANSI ICEA S-76-474-2011)  
PINS Date: Apr 26, 2019 | Public Review Date: Feb 7, 2020 | Final Action Date: Sep 2, 2020 | [Approved](#)

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**NEMA (ASC C8) (National Electrical Manufacturers Association)**

- ▶ ANSI ICEA S-81-570-2019, Standard for 600 Volt Rated Cables of Ruggedized Design for Direct Burial Installation as Single Conductors or Assemblies of Single Conductors (revision of ANSI/ICEA S-81-570-2012)  
PINS Date: Mar 15, 2019 | Public Review Date: Aug 2, 2019 | Final Action Date: Nov 5, 2019 | [Approved](#)
- ▶ ANSI ICEA S-83-596-2022, Standard for Indoor Optical Cable (revision of ANSI/ICEA S-83-596-2016)  
PINS Date: Mar 12, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Feb 2, 2022 | [Approved](#)
- ▶ ANSI ICEA S-89-648-2011 (R2019), ICEA STANDARD FOR AERIAL SERVICE WIRE TECHNICAL REQUIREMENTS (reaffirmation of ANSI ICEA S-89-648-2011)  
Public Review Date: Apr 26, 2019 | Final Action Date: Aug 29, 2019 | [Approved](#)
- ▶ ANSI ICEA S-90-661-2021, Standard For Category 3 And 5E Individually Unshielded Twisted Pairs, Indoor Cables (With Or Without An Overall Shield) For Use In General Purpose And Lan Communication Wiring Systems (revision of ANSI/ICEA S-90-661-2012)  
PINS Date: Nov 8, 2019 | Public Review Date: Jun 25, 2021 | Final Action Date: Aug 10, 2021 | [Approved](#)
- ▶ ANSI ICEA S-91-674-2021, Coaxial And Coaxial/Twisted Pair Hybrid Buried Service Wires Technical Requirements (revision of ANSI ICEA S-91-674-2011)  
PINS Date: Dec 16, 2016 | Public Review Date: Jun 25, 2021 | Final Action Date: Aug 10, 2021 | [Approved](#)
- ▶ ANSI ICEA S-92-675-2021, Coaxial And Coaxial/Twisted Pair Hybrid Aerial Service Wires Technical Requirements (revision of ANSI ICEA S-92-675-2011)  
PINS Date: Dec 16, 2016 | Public Review Date: Jun 25, 2021 | Final Action Date: Aug 23, 2021 | [Approved](#)
- ▶ ANSI ICEA S-94-649-2021, Concentric Neutral Cables Rated 5 Through 46 KV (revision of ANSI/ICEA S-94-649-2013)  
PINS Date: Apr 26, 2019 | Public Review Date: Jun 18, 2021 | Final Action Date: Aug 5, 2021 | [Approved](#)
- ▶ ANSI ICEA T-28-562-2021, Test Method for Measurement of Hot Creep of Polymeric Insulations (revision of ANSI/ICEA T-28-562-2003 (R2014))  
PINS Date: May 28, 2021 | Public Review Date: Oct 1, 2021 | Final Action Date: Nov 29, 2021 | [Approved](#)
- ▶ ANSI ICEA T-31-610-2018, Test Method For Conducting Longitudinal Water Penetration Resistance Tests on Blocked Conductors (revision of ANSI/ICEA T-31-610-2014)  
PINS Date: Jan 26, 2018 | Public Review Date: Mar 16, 2018 | Final Action Date: Jun 13, 2018 | [Approved](#)
- ▶ ANSI ICEA T-34-664-2018, Test Method For Conducting Longitudinal Water Penetration Resistance Tests on Longitudinal Water Blocked Cables (revision of ANSI/ICEA T-34-664-2014)  
PINS Date: Jan 26, 2018 | Public Review Date: Mar 16, 2018 | Final Action Date: Jun 7, 2018 | [Approved](#)
- ▶ ANSI NEMA HP 4-2021, Electrical and Electronic FEP (Fluorinated Ethylene Propylene) Insulated High Temperature Hook-Up Wire, Types KT (250 Volt), K (600 Volt), and KK (1000 Volt) (revision of ANSI/NEMA HP 4-2012)  
PINS Date: Apr 27, 2018 | Public Review Date: Oct 9, 2020 | Final Action Date: Mar 9, 2021 | [Approved](#)
- ▶ ANSI NEMA HP 5-2021, Electrical and Electronic Crosslinked, Modified Polyethylene (XLPE) Insulated 125°C Hook-Up Wire, Types L (600 V), LL (1000 V), and LX (3000 V) (revision of ANSI/NEMA HP 5-2013)  
PINS Date: May 18, 2018 | Public Review Date: Mar 5, 2021 | Final Action Date: Apr 22, 2021 | [Approved](#)
- ▶ ANSI NEMA HP 6-2021, Electrical and Electronic Silicone and Silicone Braided Insulated, Hook-Up Wire, Types S (600 V), ZHS (600 V), SS (1000 V), ZHSS (1000 V), and SSB Braided (1000 V) (revision of ANSI/NEMA HP 6-2013)  
PINS Date: May 18, 2018 | Public Review Date: May 7, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)
- ▶ ANSI NEMA HP 8-2021, Electrical and Electronic Cross-Linked, Modified Low-Smoke Polyolefin (XLPO) Insulated Hook-Up Wire, Types LS (rated 105°C; 600 V), ZHDM (rated 90°C; 600 V), ZHDH (rated 90°C; 600 V), ZH (rated 125°C; 600 V), and ZHX (rated 125°C; 1000 V) (revision of ANSI/NEMA HP 8-2013)  
PINS Date: May 18, 2018 | Public Review Date: Mar 5, 2021 | Final Action Date: Apr 22, 2021 | [Approved](#)

**NEMA (ASC C8) (National Electrical Manufacturers Association)**

- ▶ ANSI NEMA WC 27500-2020, Standard for Aerospace and Industrial Electrical Cable (revision of ANSI/NEMA WC 27500-2015)  
PINS Date: May 18, 2018 | Public Review Date: May 15, 2020 | Final Action Date: Oct 1, 2020 | [Approved](#)
- ▶ ANSI NEMA WC 55021-2021, Standard for Military Internal Electrical Cable (revision of ANSI/NEMA WC 55021-2013)  
PINS Date: May 24, 2019 | Public Review Date: May 7, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)
- ▶ ANSI NEMA WC 57/ICEA S-73-532-2021, Standard for Control, Thermocouple, Extension And Instrumentation Cables (revision of ANSI/NEMA WC 57/ICEA S-73-532-2014)  
PINS Date: Jun 18, 2021 | Public Review Date: Aug 6, 2021 | Final Action Date: Dec 6, 2021 | [Approved](#)
- ▶ ANSI NEMA WC 70/ICEA S-95-658-2021, Power Cables Rated 2000 Volts or Less for the Distribution of Electrical Energy (new standard)  
PINS Date: Dec 19, 2014 | Public Review Date: Mar 12, 2021 | Final Action Date: Apr 27, 2021 | [Approved](#)
- ▶ ANSI NEMA WC 71/ICEA S-96-659-2014 (R2022), Standard for Non-Shielded Cables Rated 2001-5000 Volts for Use in the Distribution of Electric Energy (reaffirmation of ANSI/NEMA WC 71/ICEA S-96-659-2014)  
PINS Date: Mar 5, 2021 | Public Review Date: Oct 7, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)
- ▶ ANSI NEMA WC 74/ICEA S-93-639-2022, 5-46 kV Shielded Power Cable for Use in the Transmission and Distribution of Electric Energy (revision of ANSI/NEMA WC 74/ICEA S-93-639-2017)  
PINS Date: Jan 28, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)
- ▶ ANSI NEMA WC 75-2022, Standard for Controlled Impedance in Internal Electrical Cable (revision of ANSI/NEMA WC 75-2015)  
PINS Date: Aug 2, 2019 | Public Review Date: Feb 25, 2022 | Final Action Date: Apr 15, 2022 | [Approved](#)
- ▶ ANSI/NEMA WC76-2018, Standard for Controlled Impedance Shielded Twisted Pairs in Internal Electrical Cable (new standard)  
PINS Date: May 26, 2017 | Public Review Date: Jun 9, 2017 | Final Action Date: Sep 20, 2018 | [Approved](#)
- ▶ ANSI/ICEA P-45-482-2017, Short Circuit Performance of Metallic Shields and Sheaths on Insulated Cable (new standard)  
PINS Date: Sep 9, 2016 | Public Review Date: Dec 23, 2016 | Final Action Date: Jun 6, 2017 | [Approved](#)
- ▶ ANSI/ICEA P-54-440-2009/NEMA WC-51-2009 (R2019), Ampacities of Cables Installed in Trays (reaffirmation of ANSI/ICEA P-54-440-2009/NEMA WC-51-2009 (R2014))  
Public Review Date: Aug 2, 2019 | Final Action Date: Sep 23, 2019 | [Approved](#)
- ▶ ANSI/ICEA S-100-685-2014, Standard for Thermoplastic Insulated and Jacketed Telecommunications Station Wire for Indoor/Outdoor Use (revision of ANSI/ICEA S-100-685-2009)  
PINS Date: Jan 2, 2015 | Public Review Date: Mar 27, 2015 | Final Action Date: Apr 26, 2016 | [Approved](#)
- ▶ ANSI/ICEA S-106-703-2018, Broadband Aerial Service Wire Aircore, Polyolefin Insulated Conductor (revision of ANSI/ICEA S-106-703-2012)  
PINS Date: May 18, 2018 | Public Review Date: Sep 21, 2018 | Final Action Date: Dec 3, 2018 | [Approved](#)
- ▶ ANSI/ICEA S-113-684-2016, Performance Based Standard For Electric Utility Extruded Dielectric Shielded Power Cables Rated 5 Through 46 Kv (new standard)  
PINS Date: Apr 24, 2015 | Public Review Date: Jul 3, 2015 | Final Action Date: Jul 7, 2016 | [Approved](#)
- ▶ ANSI/ICEA S-121-733-2016, Tree Wire and Messenger Supported Spacer Cable (new standard)  
PINS Date: Apr 22, 2016 | Public Review Date: Jun 17, 2016 | Final Action Date: Sep 23, 2016 | [Approved](#)
- ▶ ANSI/ICEA S-58-679-2014 (R2019), Standard for Control, Instrumentation and Thermocouple Extension Conductor Identification (reaffirmation of ANSI/ICEA S-58-679-2014)  
Public Review Date: Jun 21, 2019 | Final Action Date: Aug 12, 2019 | [Approved](#)

**NEMA (ASC C8) (National Electrical Manufacturers Association)**

- ▶ ANSI/ICEA S-70-547-2016, Standard for Weather-Resistant Polyethylene Covered Conductors (revision of ANSI/ICEA S-70-547-2006)  
PINS Date: Dec 13, 2013 | Public Review Date: Mar 28, 2014 | Final Action Date: Jun 27, 2016 | [Approved](#)
- ▶ ANSI/ICEA S-75-381-2017/NEMA WC 58-2017, Portable and Power Feeder Cables for Use in Mines and Similar Applications (revision and redesignation of ANSI/ICEA S-75-381-2008/NEMA WC 58-2008)  
PINS Date: Sep 6, 2013 | Public Review Date: Feb 24, 2017 | Final Action Date: Aug 15, 2017 | [Approved](#)
- ▶ ANSI/ICEA S-84-608-2017 (R2021), ICEA Standard For Telecommunications Cable Filled, Polyolefin Insulated, Copper Conductor Technical Requirements (reaffirmation of ANSI/ICEA S-84-608-2017)  
Public Review Date: Jul 2, 2021 | Final Action Date: Aug 23, 2021 | [Approved](#)
- ▶ ANSI/ICEA S-85-625-2016 (R2021), Telecommunications Cable Aircore, Polyolefin Insulated, Copper Conductor Technical Requirements (reaffirmation of ANSI/ICEA S-85-625-2016)  
Public Review Date: Jul 2, 2021 | Final Action Date: Aug 23, 2021 | [Approved](#)
- ▶ ANSI/ICEA S-86-634-2011 (R2017), Buried Distribution & Service Wire, Filled Polyolefin Insulated Copper Conductor (reaffirmation of ANSI/ICEA S-86-634-2011)  
Public Review Date: Nov 4, 2016 | Final Action Date: Apr 26, 2017 | [Approved](#)
- ▶ ANSI/ICEA S-87-640-2016, Standard for Optical Fiber Outside Plant Communications Cable (revision of ANSI/ICEA S-87-640-2011)  
PINS Date: Apr 15, 2016 | Public Review Date: Jun 10, 2016 | Final Action Date: Aug 25, 2016 | [Approved](#)
- ▶ ANSI/ICEA S-97-682-2013, Standard for Utility Shielded Power Cables Rated 5 Through 46 kV (revision of ANSI/ICEA S-97-682-2007)  
PINS Date: Sep 7, 2012 | Public Review Date: Nov 2, 2012 | Final Action Date: Mar 19, 2013 | [Approved](#)
- ▶ ANSI/ICEA T-22-294-2016, Test Procedures for Extended Time-Testing of Wire and Cable Insulations for Service in Wet Locations (new standard)  
PINS Date: May 16, 2014 | Public Review Date: Apr 3, 2015 | Final Action Date: Mar 14, 2016 | [Approved](#)
- ▶ ANSI/ICEA T-24-380-2013 (R2019), Partial Discharge Test Procedure (reaffirmation of ANSI/ICEA T-24-380-2013)  
Public Review Date: Dec 14, 2018 | Final Action Date: Jul 25, 2019 | [Approved](#)
- ▶ ANSI/ICEA T-26-465/NEMA WC 54-2013, Guide For Frequency of Sampling Extruded Dielectric Power, Control, Instrumentation, and Portable Cables for Test (revision of ANSI/ICEA T-26-465/NEMA WC 54-2007)  
PINS Date: Jul 20, 2012 | Public Review Date: Sep 7, 2012 | Final Action Date: Jan 29, 2013 | [Approved](#)
- ▶ ANSI/NEMA HP 3-2021, Insulated High Temperature Hook-Up Wire; Types ET (250 Volts), E (600 Volts), and EE (1000 Volts) (revision of ANSI/NEMA HP 3-2011)  
PINS Date: Aug 16, 2019 | Public Review Date: Oct 9, 2020 | Final Action Date: Mar 2, 2021 | [Approved](#)
- ▶ ANSI/NEMA HP 9-2014 (R2021), Electrical and Electronic Ethylene-Propylene Diene Elastomer (EPDM) Insulated Hook-Up Wire, Types EP (Rated 125°C; 600 V) and EPD (Rated 125°C; 5000 V) (reaffirmation of ANSI/NEMA HP 9-2014)  
PINS Date: Jul 26, 2019 | Public Review Date: Oct 9, 2020 | Final Action Date: Mar 9, 2021 | [Approved](#)
- ▶ ANSI/NEMA WC 53/ICEA T-27-581-2020, Standard Test Methods for Extruded Dielectric Power, Control, Instrumentation, and Portable Cables for Test (revision and redesignation of ANSI/ICEA T-27-581-2016)  
PINS Date: Mar 15, 2019 | Public Review Date: Aug 2, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)
- ▶ ANSI/NEMA WC 61-1992 (R2020), Transfer Impedance Testing (reaffirmation of ANSI/NEMA WC 61-1992 (R2015))  
PINS Date: Aug 2, 2019 | Public Review Date: Jun 12, 2020 | Final Action Date: Sep 22, 2020 | [Approved](#)

**NEMA (ASC C8) (National Electrical Manufacturers Association)**

- ▶ ANSI/NEMA WC 66/ICEA S-166-732-2019, Title: Standard for Category 6 and 6A, 100 Ohm Individually, unshielded twisted pairs, indoor cables (with or without an overall shield) for use in LAN Communication Wire systems (revision of ANSI/NEMA WC 66/ICEA S-116-732-2013)

PINS Date: May 18, 2018 | Public Review Date: Jul 26, 2019 | Final Action Date: Sep 30, 2019 | [Approved](#)

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- ▶ ANSI/NEMA WC 67-2015 (R2021), Standard for Uninsulated Conductors Used in Electrical and Electronic Applications (reaffirmation of ANSI/NEMA WC 67-2015)

PINS Date: Jul 26, 2019 | Public Review Date: May 7, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ ANSI/NEMA WC 71-1999/ICEA S-96-659-2014, Standard for NonShielded Cables Rated 2001-5000 Volts for Use in the Distribution of Electric Energy (new standard)

PINS Date: May 8, 2009 | Public Review Date: Dec 6, 2013 | Final Action Date: Jun 16, 2014 | [Approved](#)

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- ▶ ANSII/ICEA T-32-645-2017, Test Method for Establishing Volume Resistivity Compatibility of Water Blocking Components with Extruded Semiconducting Shield Materials (new standard)

PINS Date: Apr 24, 2015 | Public Review Date: Nov 4, 2016 | Final Action Date: Feb 23, 2017 | [Approved](#)

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**NEMA (ASC C80) (National Electrical Manufacturers Association)**

1300 North 17th Street, Suite 900, Arlington, VA 22209 | w: [www.nema.org](http://www.nema.org)

- ▶ ANSI C80.1-2020, Electric Rigid Steel Conduit (revision of ANSI C80.1-2015)

PINS Date: May 3, 2019 | Public Review Date: Oct 9, 2020 | Final Action Date: Dec 29, 2020 | [Approved](#)

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- ▶ ANSI C80.3-2020, Electrical Metallic TubingSteel (EMT-S) (revision of ANSI C80.3-2015)

PINS Date: May 3, 2019 | Public Review Date: Oct 9, 2020 | Final Action Date: Dec 29, 2020 | [Approved](#)

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- ▶ ANSI C80.5-2020, Electrical Rigid Metal ConduitAluminum (ERMC-A) (revision of ANSI C80.5-2015)

PINS Date: May 3, 2019 | Public Review Date: Oct 9, 2020 | Final Action Date: Dec 29, 2020 | [Approved](#)

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- ▶ ANSI C80.6-2018, Electrical Intermediate Metal Conduit (new standard)

PINS Date: Jun 12, 2009 | Public Review Date: Mar 16, 2018 | Final Action Date: Jun 7, 2018 | [Approved](#)

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**NEMA (ASC C81) (National Electrical Manufacturers Association)**

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | w: [www.nema.org](http://www.nema.org)

- ▶ ANSI C81.61-2019, Standard forElectrical Lamp Bases Specifications for Bases (Caps) for Electric Lamps (revision of ANSI C81.61-2017)

PINS Date: Jun 30, 2017 | Public Review Date: Dec 7, 2018 | Final Action Date: Mar 22, 2019 | [Approved](#)

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- ▶ ANSI C81.62-2019, ANS for Electric Lampholders (revision of ANSI C81.62-2017)

PINS Date: Jun 30, 2017 | Public Review Date: Dec 7, 2018 | Final Action Date: Mar 22, 2019 | [Approved](#)

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- ▶ ANSI C81.63-2019, ANS for Gauges for Electric Lamp Bases and Lampholders (revision of ANSI C81.63-2007 (R2014))

PINS Date: Feb 9, 2018 | Public Review Date: Dec 7, 2018 | Final Action Date: Mar 22, 2019 | [Approved](#)

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- ▶ ANSI C81.64-2005 (S2020), ANS for Guidelines and General Information for Electric Lamp Bases, Lampholders and Gauges (stabilized maintenance of ANSI C81.64-2005 (R2014))

Public Review Date: Feb 14, 2020 | Final Action Date: Apr 3, 2020 | [Approved](#)

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**NEMA (ASC C82) (National Electrical Manufacturers Association)**

1300 N 17th St, Rosslyn, VA 22209 | w: [www.nema.org](http://www.nema.org)

- ▶ ANSI C82.1-2004 (S2020), Standard For Lamp Ballast - Line Frequency Fluorescent Lamp Ballast (stabilized maintenance of ANSI C82.1-2004 (R2015))

Public Review Date: Jan 24, 2020 | Final Action Date: Apr 3, 2020 | [Approved](#)

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**NEMA (ASC C82) (National Electrical Manufacturers Association)**

- ▶ ANSI C82.11-2023, Lamp Ballasts: High Frequency Fluorescent Lamp Ballasts (revision of ANSI C82.11-2017)  
PINS Date: Jun 30, 2017 | Public Review Date: Aug 5, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)

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- ▶ ANSI C82.13-2020, Standard For Lamp Ballasts -- Definitions - for Fluorescent Lamps and Ballasts (revision of ANSI C82.13-2002 (R2010))  
PINS Date: Dec 25, 2015 | Public Review Date: Apr 17, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI C82.14-2016 (R2022), Standard for Lamp Ballasts—Low-Frequency Square Wave Electronic Ballasts—for Metal Halide Lamps (reaffirmation of ANSI C82.14-2016)  
Public Review Date: May 28, 2021 | Final Action Date: Apr 12, 2022 | [Approved](#)

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- ▶ ANSI C82.15-2021, LED Drivers Robustness (new standard)  
PINS Date: Mar 14, 2014 | Public Review Date: Feb 26, 2021 | Final Action Date: May 4, 2021 | [Approved](#)

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- ▶ ANSI C82.16-2022, For Light Emitting Diode Drivers - Methods of Measurement (revision of ANSI C82.16-2020)  
PINS Date: May 29, 2020 | Public Review Date: Oct 22, 2021 | Final Action Date: Jan 10, 2022 | [Approved](#)

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- ▶ ANSI C82.17-2017 (R2022), For Lighting Equipment: High Frequency (HF) Electronic Ballasts For Metal Halide Lamps (reaffirmation of ANSI C82.17-2017)  
Public Review Date: Apr 22, 2022 | Final Action Date: Jun 16, 2022 | [Approved](#)

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- ▶ ANSI C82.18-2022, For Light Emitting Diode Drivers Performance Characteristics (new standard)  
PINS Date: May 29, 2020 | Public Review Date: Oct 22, 2021 | Final Action Date: Jan 11, 2022 | [Approved](#)

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- ▶ ANSI C82.2-2002 (S2021), Standard For Lamp Ballasts - Method of Measurement of Fluorescent Lamp Ballasts (stabilized maintenance of ANSI C82.2-2002 (R2016))  
Public Review Date: May 28, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)

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- ▶ ANSI C82.3-2016 (R2022), Standard for Electric Lamps—Reference Ballasts for Fluorescent Lamps (reaffirmation of ANSI C82.3-2016)  
Public Review Date: May 28, 2021 | Final Action Date: Apr 12, 2022 | [Approved](#)

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- ▶ ANSI C82.4-2017 (R2022), Standard For Lamp Ballasts -- Ballasts For High-Intensity-Discharge and Low- Pressure Sodium Lamps (Multiple-Supply Type) (reaffirmation of ANSI C82.4-2017)  
Public Review Date: Apr 22, 2022 | Final Action Date: Jun 16, 2022 | [Approved](#)

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- ▶ ANSI C82.5-2016 (R2022), Standard for Lamp Ballasts—High-Intensity Discharge and Low-Pressure Sodium Lamps (reaffirmation of ANSI C82.5-2016)  
Public Review Date: May 28, 2021 | Final Action Date: Apr 12, 2022 | [Approved](#)

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- ▶ ANSI C82.6-2015 (R2020), Standard for Lamp Ballasts - Ballasts for High-Intensity Discharge Lamps - Methods of Measurement (reaffirmation of ANSI C82.6-2015)  
Public Review Date: Jan 24, 2020 | Final Action Date: Mar 30, 2020 | [Approved](#)

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- ▶ ANSI C82.77-1-2020, Standard for Lighting EquipmentElectromagnetic Compatibility (EMC) General Requirements and Criteria (new standard)  
PINS Date: Dec 7, 2018 | Public Review Date: Mar 13, 2020 | Final Action Date: May 1, 2020 | [Approved](#)

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- ▶ ANSI C82.77-10-2021, For Lighting Equipment Harmonic Emission Limits Related Power Quality Requirements (revision of ANSI C82.77-10-2020)  
PINS Date: May 29, 2020 | Public Review Date: Apr 2, 2021 | Final Action Date: Aug 27, 2021 | [Approved](#)

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- ▶ ANSI C82.77-2-2020, Standard for Lighting EquipmentElectrostatic Discharge (national adoption with modifications of IEC 61000-4-2 Edition 2 2008-12)  
PINS Date: Feb 9, 2018 | Public Review Date: Jul 5, 2019 | Final Action Date: Jan 10, 2020 | [Approved](#)

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**NEMA (ASC C82) (National Electrical Manufacturers Association)**

- ▶ ANSI C82.77-3-2020, Standard for Lighting Equipment Electromagnetic compatibility (EMC) Testing and measurement techniques Radiated, radio-frequency electromagnetic field immunity test (national adoption with modifications of IEC 61000-4-3, ed3.2 (2010-04))  
PINS Date: Dec 7, 2018 | Public Review Date: Jul 12, 2019 | Final Action Date: Jan 10, 2020 | [Approved](#)
- ▶ ANSI C82.77-4-2020, Standard for Lighting Equipment Electromagnetic compatibility (EMC) Testing and measurement techniques Power frequency magnetic field immunity test (national adoption with modifications of IEC 61000-4-8 Edition 2 2009)  
PINS Date: Dec 7, 2018 | Public Review Date: Sep 20, 2019 | Final Action Date: Jan 10, 2020 | [Approved](#)
- ▶ ANSI C82.77-5-2017, For Lighting Equipment Voltage Surge Requirements (revision of ANSI C82.77-5-2015)  
PINS Date: Jul 7, 2017 | Public Review Date: Oct 13, 2017 | Final Action Date: Dec 21, 2017 | [Approved](#)
- ▶ ANSI C82.77-7-2020, Standard for Lighting Equipment Testing and measurement techniques Voltage dips, short interruptions and voltage variations immunity tests (national adoption with modifications of IEC 61000-4-11 Edition 2.1 2017-05 )  
PINS Date: Dec 7, 2018 | Public Review Date: Aug 9, 2019 | Final Action Date: Jan 10, 2020 | [Approved](#)
- ▶ ANSI C82.77-8-2020, Standard for Lighting Equipment Fast Transients (national adoption with modifications of IEC 61000-4-4:2012)  
PINS Date: Dec 7, 2018 | Public Review Date: Jul 12, 2019 | Final Action Date: Jan 10, 2020 | [Approved](#)
- ▶ ANSI C82.77-9-2020, Standard for Lighting Equipment Injected Currents (national adoption with modifications of IEC 61000-4-6 Edition 4 2013-10)  
PINS Date: Dec 7, 2018 | Public Review Date: Mar 13, 2020 | Final Action Date: May 4, 2020 | [Approved](#)
- ▶ ANSI C82.9-2016 (R2022), Standard for Lamp Ballasts—High-Intensity Discharge and Low-Pressure Sodium Lamps—Definitions (reaffirmation of ANSI C82.9-2016)  
Public Review Date: May 28, 2021 | Final Action Date: Apr 12, 2022 | [Approved](#)

**NEMA (ASC C84) (National Electrical Manufacturers Association)**

1300 North 17th Street, Rosslyn, VA 22209 | w: [www.nema.org](http://www.nema.org)

- ▶ ANSI C84.1-2020, Standard for Electric Power Systems and Equipment Voltage Ratings (60 Hertz) (revision of ANSI C84.1-2016)  
PINS Date: Feb 15, 2019 | Public Review Date: Nov 22, 2019 | Final Action Date: Mar 10, 2020 | [Approved](#)

**NEMA (ASC GR) (National Electrical Manufacturers Association)**

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | w: [www.nema.org](http://www.nema.org)

- ▶ ANSI/NEMA GR 1-2022, Ground Rod Electrodes and Ground Rod Electrode Couplings (new standard)  
PINS Date: Jul 10, 2015 | Public Review Date: Jul 8, 2022 | Final Action Date: Aug 24, 2022 | [Approved](#)

**NEMA (ASC W1) (National Electrical Manufacturers Association)**

1300 North 17th Street, Rosslyn, VA 22209 | w: [www.nema.org](http://www.nema.org)

- ▶ ANSI/NEMA AW 10002-2022, Precautionary Labeling for Arc-Welding and Cutting Products (new standard)  
PINS Date: Mar 19, 2021 | Public Review Date: May 20, 2022 | Final Action Date: Jul 11, 2022 | [Approved](#)
- ▶ ANSI/NEMA/IEC 60974-1-2019, Arc Welding Equipment Part 1: Welding Power Sources (national adoption of IEC 60974-1, ed. 2 (national adoption of IEC 60974-1, ed. 3 with modifications and revision of ANSI/IEC 60974-1-2008))  
PINS Date: Aug 17, 2018 | Public Review Date: Feb 22, 2019 | Final Action Date: Jun 14, 2019 | [Approved](#)
- ▶ ANSI/NEMA/IEC 60974-11-2009 (R2020), Arc Welding Equipment Part 11: Electrode Holders (reaffirmation of ANSI/NEMA/IEC 60974-11-2009)  
Public Review Date: Apr 24, 2020 | Final Action Date: Jul 10, 2020 | [Approved](#)

**NEMA (ASC W1) (National Electrical Manufacturers Association)**

- ▶ ANSI/NEMA/IEC 60974-12-2009 (R2020), Arc Welding EquipmentPart 12: Coupling Devices for Welding Cables (reaffirm a national adoption ANSI/NEMA/IEC 60974-12-2009)  
Public Review Date: Apr 24, 2020 | Final Action Date: Jul 14, 2020 | [Approved](#)
- ▶ ANSI/NEMA/IEC 60974-2-2021, Arc Welding Equipment Part 2: Liquid Cooling Systems (national adoption of IEC 60974-2, edition 4 with modifications and revision of ANSI/NEMA/IEC 60974-2-2008)  
PINS Date: Nov 22, 2019 | Public Review Date: Aug 21, 2020 | Final Action Date: Feb 9, 2021 | [Approved](#)
- ▶ ANSI/NEMA/IEC 60974-3-2021, Arc Welding Equipment Part 3: Arc Striking And Stabilizing Devices (national adoption of IEC 60974-3, edition 4 with modifications and revision of ANSI/NEMA/IEC 60974-3-2008)  
PINS Date: Nov 22, 2019 | Public Review Date: Aug 21, 2020 | Final Action Date: Feb 9, 2021 | [Approved](#)
- ▶ ANSI/NEMA/IEC 60974-5-2021, ARC WELDING EQUIPMENT Part 5: Wire feeders (national adoption of with modifications and revision of ANSI/NEMA/IEC 60974-5-2008)  
PINS Date: Aug 7, 2020 | Public Review Date: Sep 25, 2020 | Final Action Date: Feb 2, 2021 | [Approved](#)
- ▶ ANSI/NEMA/IEC 60974-6-2019, Arc Welding Equipment Part 6: Limited duty equipment (national adoption with modifications of IEC 60974-6, ed. 2)  
PINS Date: Oct 20, 2017 | Public Review Date: Feb 22, 2019 | Final Action Date: Jun 14, 2019 | [Approved](#)
- ▶ ANSI/NEMA/IEC 60974-7-2021, Arc Welding Equipment Part 7: Torches (national adoption of IEC 60974-7, edition 4 with modifications and revision of ANSI/NEMA/IEC 60974-7-2009)  
PINS Date: Nov 22, 2019 | Public Review Date: Aug 21, 2020 | Final Action Date: Feb 9, 2021 | [Approved](#)
- ▶ ANSI/NEMA/IEC 60974-8-2009 (R2020), Arc Welding Equipment Part 8: Gas Consoles for Welding and Plasma Cutting Systems (reaffirmation of ANSI/NEMA/IEC 60974-8-2009)  
Public Review Date: Apr 17, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

**NEMA (ASC Z535) (National Electrical Manufacturers Association)**

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | w: [www.nema.org](http://www.nema.org)

- ▶ ANSI Z535.1-2022, Standard for Safety Colors (revision of ANSI Z535.1-2017)  
PINS Date: Mar 5, 2021 | Public Review Date: Mar 18, 2022 | Final Action Date: Jun 2, 2022 | [Approved](#)
- ▶ ANSI Z535.2-2011 (R2017), Environmental and Facility Signs (reaffirmation of ANSI Z535.2-2011)  
Public Review Date: Jan 20, 2017 | Final Action Date: Oct 18, 2017 | [Approved](#)
- ▶ ANSI Z535.3-2022, Criteria for Safety Symbols (revision of ANSI Z535.3-2011 (R2017))  
Public Review Date: Mar 18, 2022 | Final Action Date: Jun 2, 2022 | [Approved](#)
- ▶ ANSI Z535.4-2011 (R2017), Product Safety Signs and Labels (reaffirmation of ANSI Z535.4-2011)  
Public Review Date: Jan 20, 2017 | Final Action Date: Oct 20, 2017 | [Approved](#)
- ▶ ANSI Z535.5-2022, Safety Tags and Barricade Tapes (for Temporary Hazards) (revision of ANSI Z535.5-2011 (R2017))  
PINS Date: Mar 5, 2021 | Public Review Date: Mar 25, 2022 | Final Action Date: Jun 2, 2022 | [Approved](#)
- ▶ ANSI Z535.6-2011 (R2017), Product Safety Information in Product Manuals, Instructions, and Other Collateral Materials (reaffirmation of ANSI Z535.6-2011)  
Public Review Date: Feb 17, 2017 | Final Action Date: Oct 27, 2017 | [Approved](#)

**NENA (National Emergency Number Association)**

1700 Diagonal Road, Suite 500, Alexandria, VA 22314 | w: [www.nena.org](http://www.nena.org)

- ▶ ANSI/NENA STA-006.2-2022, NENA Standard for NG9-1-1 GIS Data Model (new standard)  
PINS Date: Jan 26, 2018 | Public Review Date: May 13, 2022 | Final Action Date: Sep 23, 2022 | [Approved](#)

**NENA (National Emergency Number Association)**

- ▶ ANSI/NENA STA-010.3-2021, NENA i3 Standard for Next Generation 9-1-1 (new standard)  
PINS Date: May 8, 2015 | Public Review Date: Mar 19, 2021 | Final Action Date: Oct 7, 2021 | [Approved](#)
- ▶ ANSI/NENA STA-011.1-2021, NENA Standards for 9-1-1 Professional Education (new standard)  
PINS Date: Sep 2, 2016 | Public Review Date: Jul 31, 2020 | Final Action Date: Feb 4, 2021 | [Approved](#)
- ▶ ANSI/NENA STA-013.2-2016, NENA Public Safety Communications & Railroad Interaction Standard Operating Procedures (new standard)  
PINS Date: Apr 11, 2014 | Public Review Date: Aug 7, 2015 | Final Action Date: Mar 31, 2016 | [Approved](#)
- ▶ ANSI/NENA STA-017.1-2022, Changing Role of the Telecommunicator in the NG9-1-1 Environment (new standard)  
PINS Date: Jan 19, 2018 | Public Review Date: May 28, 2021 | Final Action Date: Mar 14, 2022 | [Approved](#)
- ▶ ANSI/NENA STA-019.1-2018, NG9-1-1 Call Processing Metrics Standard (new standard)  
PINS Date: May 8, 2015 | Public Review Date: Jan 19, 2018 | Final Action Date: Jul 2, 2018 | [Approved](#)
- ▶ ANSI/NENA STA-019.2-2022, NG9-1-1 Call Processing Metrics Standard (revision and redesignation of ANSI/NENA STA-019.1 )  
PINS Date: Nov 6, 2020 | Public Review Date: May 27, 2022 | Final Action Date: Nov 3, 2022 | [Approved](#)
- ▶ ANSI/NENA STA-026.5-2016 (R2022), NENA PSAP Master Clock Standard (reaffirmation of ANSI/NENA STA-026.5 -2016)  
Public Review Date: Dec 31, 2021 | Final Action Date: Feb 28, 2022 | [Approved](#)
- ▶ ANSI/NENA STA-027.3-2018, NENA E9-1-1 PSAP Equipment Standard (new standard)  
PINS Date: Apr 15, 2016 | Public Review Date: Jan 19, 2018 | Final Action Date: Jul 2, 2018 | [Approved](#)
- ▶ ANSI/NENA STA-034.1-2022, NENA Legacy Selective Router Gateway Standard (new standard)  
PINS Date: Nov 6, 2020 | Public Review Date: Nov 26, 2021 | Final Action Date: Mar 17, 2022 | [Approved](#)
- ▶ ANSI/NENA STA-041.1-2022, NENA Standard for Telecommunicator Cardiopulmonary Resuscitation (T-CPR) (new standard)  
PINS Date: Jun 19, 2020 | Public Review Date: Oct 29, 2021 | Final Action Date: Mar 17, 2022 | [Approved](#)
- ▶ ANSI/NENA STA.002.2-2022, NENA Standard to Protect the Wellbeing of 9-1-1 Professionals (new standard)  
PINS Date: Nov 6, 2020 | Public Review Date: Sep 3, 2021 | Final Action Date: Mar 14, 2022 | [Approved](#)
- ▶ ANSI/NENA STA.021.1-2021, NENA Standard for Emergency Incident Data Object (EIDO) (new standard)  
PINS Date: Nov 6, 2020 | Public Review Date: May 28, 2021 | Final Action Date: Oct 19, 2021 | [Approved](#)

**NETA (InterNational Electrical Testing Association)**

3050 Old Centre Road, Suite 101, Portage, MI 49024 | w: [www.netaworld.org](http://www.netaworld.org)

- ▶ ANSI/NETA ATS-2021-2020, NETA Standard for Acceptance Testing Specifications for Electrical Power Equipment & Systems (revision of ANSI/NETA ATS-2017)  
PINS Date: Nov 30, 2018 | Public Review Date: Jun 26, 2020 | Final Action Date: Sep 18, 2020 | [Approved](#)
- ▶ ANSI/NETA ECS-2020, NETA Standard for Electrical Commissioning Specifications for Electrical Power Equipment and Systems (revision of ANSI/NETA ECS-2015)  
PINS Date: May 18, 2018 | Public Review Date: Jul 5, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)
- ▶ ANSI/NETA ETT-2022, NETA Standard for Certification of Electrical Testing Technicians (revision of ANSI/NETA ETT -2018)  
PINS Date: Oct 16, 2020 | Public Review Date: Nov 12, 2021 | Final Action Date: Jan 7, 2022 | [Approved](#)

**NETA (InterNational Electrical Testing Association)**

3050 Old Centre Road, Suite 101, Portage, MI 49024 | w: [www.netaworld.org](http://www.netaworld.org)

- ▶ ANSI/NETA MTS-2019, NETA Standard for Maintenance Testing Specifications for Electrical Power Equipment and Systems (revision of ANSI/NETA MTS-2015)  
PINS Date: Oct 6, 2017 | Public Review Date: Aug 10, 2018 | Final Action Date: Feb 4, 2019 | [Approved](#)
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**NFPA (National Fire Protection Association)**

One Batterymarch Park, Quincy, MA 02169 | w: [www.nfpa.org](http://www.nfpa.org)

- ▶ ANSI/NFPA 1-2021, Fire Code (revision of ANSI/NFPA 1-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Apr 5, 2019 | Final Action Date: Aug 31, 2020 | [Approved](#)
  - ▶ ANSI/NFPA 10-2022, Standard for Portable Fire Extinguishers (revision of ANSI/NFPA 10-2018)  
PINS Date: Apr 13, 2018 | Public Review Date: Jan 22, 2021 | Final Action Date: Sep 15, 2021 | [Approved](#)
  - ▶ ANSI/NFPA 1000-2022, Standard for Fire Service Professional Qualifications Accreditation and Certification Systems (revision of ANSI/NFPA 1000-2017)  
PINS Date: Oct 11, 2019 | Public Review Date: Apr 2, 2021 | Final Action Date: Jun 11, 2021 | [Approved](#)
  - ▶ ANSI/NFPA 1001-2019, Standard for Fire Fighter Professional Qualifications (revision of ANSI/NFPA 1001-2013)  
PINS Date: May 19, 2017 | Public Review Date: Aug 25, 2017 | Final Action Date: Sep 3, 2018 | [Approved](#)
  - ▶ ANSI/NFPA 1002-2017, Standard for Fire Apparatus Driver/Operator Professional Qualifications (revision of ANSI/NFPA 1002-2013)  
Public Review Date: Sep 15, 2017 | Final Action Date: Dec 1, 2016 | [Approved](#)
  - ▶ ANSI/NFPA 1003-2019, Standard for Airport Fire Fighter Professional Qualifications (revision of ANSI/NFPA 1003-2015)  
PINS Date: Sep 2, 2016 | Public Review Date: Aug 10, 2018 | Final Action Date: Nov 25, 2018 | [Approved](#)
  - ▶ ANSI/NFPA 1005-2019, Standard for Professional Qualifications for Marine Fire Fighting for Land-Based Fire Fighters (revision of ANSI/NFPA 1005-2014)  
PINS Date: Sep 2, 2016 | Public Review Date: Aug 10, 2018 | Final Action Date: Nov 25, 2018 | [Approved](#)
  - ▶ ANSI/NFPA 1006-2021, Standard for Technical Rescue Personnel Professional Qualifications (revision of ANSI/NFPA 1006-2017)  
PINS Date: Jul 7, 2017 | Public Review Date: Jan 17, 2020 | Final Action Date: Aug 31, 2020 | [Approved](#)
  - ▶ ANSI/NFPA 101-2021, Life Safety Code® (revision of ANSI/NFPA 101-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Feb 7, 2020 | Final Action Date: Aug 31, 2020 | [Approved](#)
  - ▶ ANSI/NFPA 101A-2022, Guide on Alternative Approaches to Life Safety (revision of ANSI/NFPA 101A-2019)  
PINS Date: Nov 23, 2018 | Public Review Date: Jan 1, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)
  - ▶ ANSI/NFPA 102-2021, Standard for Grandstands, Folding and Telescopic Seating, Tents, and Membrane Structures (revision of ANSI/NFPA 102-2016)  
PINS Date: Dec 27, 2013 | Public Review Date: Jul 31, 2020 | Final Action Date: Oct 25, 2020 | [Approved](#)
  - ▶ ANSI/NFPA 1021-2020, Standard for Fire Officer Professional Qualifications (revision of ANSI/NFPA 1021-2014)  
PINS Date: Oct 13, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)
  - ▶ ANSI/NFPA 1026-2024, Standard for Incident Management Personnel Professional Qualifications (revision of ANSI/NFPA 1026-2018)  
PINS Date: Jul 10, 2020 | Public Review Date: Aug 12, 2022 | Final Action Date: Oct 27, 2022 | [Approved](#)
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**NFPA (National Fire Protection Association)**

- ▶ ANSI/NFPA 1030-2024, Standard for Professional Qualifications for Fire Prevention Program Positions (revision, redesignation and consolidation of ANSI/NFPA 1031-2014, ANSI/NFPA 1035-2015, ANSI/NFPA 1037-2016)  
PINS Date: Jul 10, 2020 | Public Review Date: Aug 12, 2022 | Final Action Date: Oct 27, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 1033-2022, Standard for Professional Qualifications for Fire Investigator (revision of ANSI/NFPA 1033-2014)  
PINS Date: Dec 29, 2017 | Public Review Date: Apr 16, 2021 | Final Action Date: Jun 11, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 1041-2019, Standard for Fire Service Instructor Professional Qualifications (revision of ANSI/NFPA 1041-2012)  
PINS Date: Sep 2, 2016 | Public Review Date: Aug 10, 2018 | Final Action Date: Nov 25, 2018 | [Approved](#)

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- ▶ ANSI/NFPA 105-2022, Standard for Smoke Door Assemblies and Other Opening Protectives (revision of ANSI/NFPA 105-2019)  
PINS Date: Nov 23, 2018 | Public Review Date: Jan 22, 2021 | Final Action Date: Jul 8, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 1051-2019, Standard for Wildland Firefighting Personnel Professional Qualifications (revision of ANSI/NFPA 1051-2016)  
PINS Date: Oct 13, 2017 | Public Review Date: May 31, 2019 | Final Action Date: Sep 11, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 1061-2018, Standard for Professional Qualifications for Public Safety Telecommunications Personnel (revision of ANSI/NFPA 1061-2013)  
PINS Date: May 19, 2017 | Public Review Date: Aug 25, 2017 | Final Action Date: Nov 30, 2017 | [Approved](#)

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- ▶ ANSI/NFPA 1072-2017, Standard for Hazardous Materials/Weapons of Mass Destruction Emergency Response Personnel Professional Qualifications (new standard)  
PINS Date: Jul 7, 2017 | Public Review Date: Sep 15, 2017 | Final Action Date: Dec 1, 2016 | [Approved](#)

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- ▶ ANSI/NFPA 1078-2019, Standard for Electrical Inspector Professional Qualifications (new standard)  
PINS Date: Aug 11, 2017 | Public Review Date: Apr 12, 2019 | Final Action Date: Jun 30, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 1081-2018, Standard for Industrial Fire Brigade Member Professional Qualifications (revision of ANSI/NFPA 1081-2011)  
PINS Date: May 19, 2017 | Public Review Date: Aug 25, 2017 | Final Action Date: Nov 30, 2017 | [Approved](#)

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- ▶ ANSI/NFPA 1082-2023, Standard for Facilities Fire and Life Safety Director Professional Qualifications (revision of ANSI/NFPA 1082-2020)  
PINS Date: Oct 25, 2019 | Public Review Date: Jan 21, 2022 | Final Action Date: Apr 9, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 1091-2024, Standard for Traffic Incident Management Personnel Professional Qualifications (revision of ANSI/NFPA 1091-2019)  
PINS Date: Jul 10, 2020 | Public Review Date: Aug 12, 2022 | Final Action Date: Oct 27, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 11-2021, Standard for Low-, Medium-, and High-Expansion Foam (revision of ANSI/NFPA 11-2016)  
PINS Date: Dec 8, 2017 | Public Review Date: Aug 7, 2020 | Final Action Date: Nov 22, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 110-2022, Standard for Emergency and Standby Power Systems (revision of ANSI/NFPA 110-2019)  
PINS Date: Nov 23, 2018 | Public Review Date: Jan 22, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 111-2022, Standard on Stored Electrical Energy Emergency and Standby Power Systems (revision of ANSI/NFPA 111-2019)  
PINS Date: Aug 24, 2018 | Public Review Date: Feb 28, 2020 | Final Action Date: Feb 11, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 1122-2017, Code for Model Rocketry (revision of ANSI/NFPA 1122-2012)  
PINS Date: Dec 29, 2017 | Final Action Date: Oct 30, 2016 | [Approved](#)

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**NFPA (National Fire Protection Association)**

- ▶ ANSI/NFPA 1123-2022, Code for Fireworks Display (revision of ANSI/NFPA 1123-2018)  
PINS Date: Apr 13, 2018 | Public Review Date: Jan 1, 2021 | Final Action Date: Sep 15, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 1124-2022, Code for the Manufacture, Transportation, and Storage of Fireworks and Pyrotechnic Articles (revision of ANSI/NFPA 1124-2017)  
PINS Date: Jul 21, 2017 | Public Review Date: Jan 1, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 1125-2022, Code for the Manufacture of Model Rocket and High-Power Rocket Motors (revision of ANSI/NFPA 1125-2017)  
PINS Date: Aug 4, 2017 | Public Review Date: Jan 1, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 1126-2021, Standard for the Use of Pyrotechnics Before a Proximate Audience (revision of ANSI/NFPA 1126-2016)  
PINS Date: Dec 29, 2017 | Public Review Date: Mar 1, 2019 | Final Action Date: Dec 24, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 1127-2017, Code for High Power Rocketry (revision of ANSI/NFPA 1127-2013)  
PINS Date: Dec 29, 2017 | Final Action Date: Oct 30, 2016 | [Approved](#)

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- ▶ ANSI/NFPA 1140-2022, Standards for Wildland Firefighting (new standard)  
PINS Date: Oct 25, 2019 | Public Review Date: Apr 2, 2021 | Final Action Date: Jun 11, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 1141-2017, Fire Protection Infrastructure for Land Development in Wildland, Rural, and Suburban Areas (revision of ANSI/NFPA 1141-2011)  
Public Review Date: Sep 15, 2017 | Final Action Date: Jun 2, 2016 | [Approved](#)

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- ▶ ANSI/NFPA 1142-2022, Standard on Water Supplies for Suburban and Rural Fire Fighting (revision of ANSI/NFPA 1142-2017)  
PINS Date: Oct 18, 2019 | Public Review Date: Apr 2, 2021 | Final Action Date: Jun 11, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 1143-2018, Standard for Wildland Fire Management (revision of ANSI/NFPA 1143-2013)  
PINS Date: Apr 21, 2017 | Public Review Date: Apr 21, 2017 | Final Action Date: Aug 21, 2017 | [Approved](#)

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- ▶ ANSI/NFPA 1144-2018, Standard for Reducing Structure Ignition Hazards from Wildland Fire (revision of ANSI/NFPA 1144-2013)  
PINS Date: Apr 21, 2017 | Public Review Date: Apr 21, 2017 | Final Action Date: Sep 4, 2017 | [Approved](#)

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- ▶ ANSI/NFPA 1145-2022, Guide for the Use of Class A Foams in Fire Fighting (revision of ANSI/NFPA 1145-2017)  
PINS Date: Oct 18, 2019 | Public Review Date: Jul 31, 2020 | Final Action Date: Dec 26, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 115-2020, Standard for Laser Fire Protection (revision of ANSI/NFPA 115-2016)  
PINS Date: Nov 10, 2017 | Public Review Date: Sep 7, 2018 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 1150-2022, Standard on Foam Chemicals for Fires in Class A Fuels (revision of ANSI/NFPA 1150-2017)  
PINS Date: Jul 7, 2017 | Public Review Date: Sep 25, 2020 | Final Action Date: Jul 28, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 1192-2021, Standard on Recreational Vehicles (revision of ANSI/NFPA 1192-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Jan 24, 2020 | Final Action Date: Apr 4, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 1194-2021, Standard for Recreational Vehicle Parks and Campgrounds (revision of ANSI/NFPA 1194-2017)  
PINS Date: Dec 29, 2017 | Public Review Date: Jan 17, 2020 | Final Action Date: Jun 21, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 12-2022, Standard on Carbon Dioxide Extinguishing Systems (revision of ANSI/NFPA 12-2018)  
PINS Date: Jun 8, 2018 | Public Review Date: Feb 5, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 120-2023, Standard for Fire Prevention and Control in Coal Mines (revision of ANSI/NFPA 120-2020)  
PINS Date: Mar 27, 2020 | Public Review Date: Sep 23, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)

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**NFPA (National Fire Protection Association)**

- ▶ ANSI/NFPA 1201-2020, Standard for Providing Fire and Emergency Services to the Public (revision of ANSI/NFPA 1201-2015)

PINS Date: Oct 13, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 122-2023, Standard for Fire Prevention and Control in Metal/Nonmetal Mining and Metal Mineral Processing Facilities (revision of ANSI/NFPA 122-2020)

PINS Date: Mar 27, 2020 | Public Review Date: Sep 23, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 1221-2019, Standard on Installation, Maintenance, and Use of Emergency Services Communications Systems (revision of ANSI/NFPA 1221-2015)

Public Review Date: Feb 16, 2018 | Final Action Date: May 24, 2018 | [Approved](#)

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- ▶ ANSI/NFPA 1225-2022, Standards for Emergency Services Communications (new standard)

PINS Date: Oct 25, 2019 | Public Review Date: Apr 2, 2021 | Final Action Date: Sep 15, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 1250-2020, Recommended Practice in Fire and Emergency Service Organization Risk Management (revision of ANSI/NFPA 1250-2015)

PINS Date: Oct 13, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 12A-2022, Standard on Halon 1301 Fire Extinguishing Systems (revision of ANSI/NFPA 12A-2018)

PINS Date: Jun 8, 2018 | Public Review Date: Sep 13, 2019 | Final Action Date: Dec 30, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 13-2022, Standard for the Installation of Sprinkler Systems (revision of ANSI/NFPA 13-2019)

PINS Date: Nov 23, 2018 | Public Review Date: Jan 1, 2021 | Final Action Date: Sep 15, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 130-2023, Standard for Fixed Guideway Transit and Passenger Rail Systems (revision of ANSI/NFPA 130-2020)

PINS Date: Oct 25, 2019 | Public Review Date: Feb 4, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 1300-2020, Standard on Community Risk Assessment and Community Risk Reduction Plan Development (new standard)

PINS Date: Aug 4, 2017 | Public Review Date: Feb 1, 2019 | Final Action Date: May 18, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 13D-2022, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes (revision of ANSI/NFPA 13D-2019)

PINS Date: Nov 23, 2018 | Public Review Date: Jan 1, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 13E-2020, Recommended Practice for Fire Department Operations in Properties Protected by Sprinkler & Standpipe Systems (revision of ANSI/NFPA 13E-2015)

PINS Date: Oct 13, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 13R-2022, Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies (revision of ANSI/NFPA 13R-2019)

PINS Date: Nov 23, 2018 | Public Review Date: Jan 1, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 14-2019, Standard for the Installation of Standpipe and Hose Systems (revision of ANSI/NFPA 14-2016)

PINS Date: Sep 2, 2016 | Public Review Date: Aug 10, 2018 | Final Action Date: Nov 25, 2018 | [Approved](#)

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- ▶ ANSI/NFPA 140-2018, Standard on Motion Picture and Television Production Studio Soundstages, Approved Production Facilities, and Production Locations (revision of ANSI/NFPA 140-2012)

PINS Date: May 19, 2017 | Public Review Date: Jun 23, 2017 | Final Action Date: Apr 23, 2017 | [Approved](#)

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- ▶ ANSI/NFPA 1401-2017, Recommended Practice for Fire Service Training Reports and Records (revision of ANSI/NFPA 1401-2011)

Public Review Date: Sep 15, 2017 | Final Action Date: Dec 1, 2016 | [Approved](#)

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**NFPA (National Fire Protection Association)**

- ▶ ANSI/NFPA 1402-2019, Guide to Building Fire Service Training Centers (revision of ANSI/NFPA 1402-2011)  
PINS Date: Sep 2, 2016 | Public Review Date: Sep 8, 2017 | Final Action Date: Nov 25, 2018 | [Approved](#)

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- ▶ ANSI/NFPA 1403-2018, Standard on Live Fire Training Evolutions (revision of ANSI/NFPA 1403-2011)  
Public Review Date: Jun 2, 2017 | Final Action Date: Sep 4, 2017 | [Approved](#)

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- ▶ ANSI/NFPA 1404-2018, Standard for Fire Service Respiratory Protection Training (revision of ANSI/NFPA 1404-2012)  
PINS Date: May 19, 2017 | Public Review Date: Aug 25, 2017 | Final Action Date: Nov 30, 2017 | [Approved](#)

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- ▶ ANSI/NFPA 1405-2020, Guide for Land-Based Fire Departments that Respond to Marine Vessel Fires (revision of ANSI/NFPA 1405-2016)  
PINS Date: Nov 10, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 1407-2020, Standard for Training Fire Service Rapid Intervention Crews (revision of ANSI/NFPA 1407-2015)  
PINS Date: Oct 13, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 1408-2020, Standard for Training Fire Service Personnel in the Operation, Care, Use, and Maintenance of Thermal Imagers (revision of ANSI/NFPA 1408-2015)  
PINS Date: Oct 13, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 1410-2020, Standard on Training for Emergency Scene Operations (revision of ANSI/NFPA 1410-2015)  
PINS Date: Nov 10, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 1451-2018, Standard for a Fire and Emergency Service Vehicle Operations Training Program (revision of ANSI/NFPA 1451-2012)  
PINS Date: May 19, 2017 | Public Review Date: Aug 25, 2017 | Final Action Date: Nov 30, 2017 | [Approved](#)

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- ▶ ANSI/NFPA 1452-2020, Guide for Training Fire Service Personnel to Conduct Community Risk Reduction (revision of ANSI/NFPA 1452-2015)  
PINS Date: Apr 21, 2017 | Public Review Date: Feb 1, 2019 | Final Action Date: May 18, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 15-2022, Standard for Water Spray Fixed Systems for Fire Protection (revision of ANSI/NFPA 15-2017)  
PINS Date: Jul 7, 2017 | Public Review Date: Mar 13, 2020 | Final Action Date: Dec 16, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 150-2022, Fire and Life Safety in Animal Housing Facilities Code (revision of ANSI/NFPA 150-2019)  
PINS Date: Nov 23, 2018 | Public Review Date: Jan 1, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 1500-2021, Standard on Fire Department Occupational Safety, Health, and Wellness Program (revision of ANSI/NFPA 1500-2018)  
PINS Date: Oct 20, 2017 | Public Review Date: Aug 23, 2019 | Final Action Date: Aug 31, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 1521-2020, Standard for Fire Department Safety Officer Professional Qualifications (revision of ANSI/NFPA 1521-2015)  
PINS Date: Nov 10, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 1561-2020, Standard on Emergency Services Incident Management System and Command Safety (revision of ANSI/NFPA 1561-2014)  
PINS Date: Nov 10, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 1581-2022, Standard on Fire Department Infection Control Program (revision of ANSI/NFPA 1581-2015)  
PINS Date: Dec 29, 2017 | Public Review Date: Jan 22, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 1582-2022, Standard on Comprehensive Occupational Medical Program for Fire Departments (revision of ANSI/NFPA 1582-2018)  
PINS Date: Dec 29, 2017 | Public Review Date: Jan 22, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)

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**NFPA (National Fire Protection Association)**

- ▶ ANSI/NFPA 1583-2022, Standard on Health-Related Fitness Programs for Fire Department Members (revision of ANSI/NFPA 1583-2015)  
PINS Date: Dec 29, 2017 | Public Review Date: Jan 22, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 1584-2022, Standard on the Rehabilitation Process for Members During Emergency Operations and Training Exercises (revision of ANSI/NFPA 1584-2015)  
PINS Date: Dec 29, 2017 | Public Review Date: Jan 22, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 160-2021, Standard for the Use of Flame Effects Before an Audience (revision of ANSI/NFPA 160-2016)  
PINS Date: Dec 8, 2017 | Public Review Date: Jan 3, 2020 | Final Action Date: Apr 4, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 1660-2024, Standard on Community Risk Assessment, Pre-Incident Planning, Mass Evacuation, Sheltering, and Re-entry Programs (revision, redesignation and consolidation of ANSI/NFPA 1600-2019, ANSI/NFPA 1616-2020, ANSI/NFPA 1620-2020)  
PINS Date: Jul 10, 2020 | Public Review Date: Aug 12, 2022 | Final Action Date: Oct 27, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 17-2021, Standard for Dry Chemical Extinguishing Systems (revision of ANSI/NFPA 17-2017)  
PINS Date: Jul 7, 2017 | Public Review Date: Feb 7, 2020 | Final Action Date: Jun 21, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 170-2021, Standard for Fire Safety and Emergency Symbols (revision of ANSI/NFPA 170-2018)  
PINS Date: Jun 8, 2018 | Public Review Date: Jul 31, 2020 | Final Action Date: Oct 25, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 1700-2021, Guide for Structural Fire Fighting (new standard)  
PINS Date: Nov 10, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Aug 31, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 1710-2020, Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments (revision of ANSI/NFPA 1710-2016)  
PINS Date: Apr 21, 2017 | Public Review Date: Feb 8, 2019 | Final Action Date: May 18, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 1720-2020, Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations and Special Operations to the Public by Volunteer Fire Departments (revision of ANSI/NFPA 1720-2014)  
PINS Date: Apr 21, 2017 | Public Review Date: Feb 1, 2019 | Final Action Date: May 18, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 1730-2019, Standard on Organization and Deployment of Fire Prevention Inspection and Code Enforcement, Plan Review, Investigation, and Public Education Operations (revision of ANSI/NFPA 1730-2016)  
Public Review Date: Feb 9, 2018 | Final Action Date: Sep 3, 2018 | [Approved](#)

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- ▶ ANSI/NFPA 17A-2021, Standard for Wet Chemical Extinguishing Systems (revision of ANSI/NFPA 17A-2017)  
PINS Date: Jul 7, 2017 | Public Review Date: Feb 7, 2020 | Final Action Date: Apr 4, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 18-2021, Standard on Wetting Agents (revision of ANSI/NFPA 18-2017)  
PINS Date: Jul 7, 2017 | Public Review Date: Sep 13, 2019 | Final Action Date: Jul 16, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 1801-2021, Standard on Thermal Imagers for the Fire Service (revision of ANSI/NFPA 1801-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Feb 7, 2020 | Final Action Date: Apr 4, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 1802-2021, Standard on Two-Way, Portable RF Voice Communications Devices for Use by Emergency Services Personnel in the Hazard Zone (new standard)  
PINS Date: Dec 15, 2017 | Public Review Date: Aug 7, 2020 | Final Action Date: Oct 25, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 1851-2020, Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting (revision of ANSI/NFPA 1851-2014)  
PINS Date: Sep 2, 2016 | Public Review Date: Mar 29, 2019 | Final Action Date: Aug 25, 2019 | [Approved](#)

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**NFPA (National Fire Protection Association)**

- ▶ ANSI/NFPA 1852-2019, Standard on Selection, Care, and Maintenance of Open-Circuit Self-Contained Breathing Apparatus (SCBA) (revision of ANSI/NFPA 1852-2012)  
PINS Date: Apr 21, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: May 24, 2018 | [Approved](#)
- ▶ ANSI/NFPA 1855-2018, Standard on Selection, Care, and Maintenance of Protective Ensembles for Technical Rescue Incidents (revision of ANSI/NFPA 1855-2012)  
PINS Date: May 19, 2017 | Public Review Date: Aug 25, 2017 | Final Action Date: Nov 30, 2017 | [Approved](#)
- ▶ ANSI/NFPA 1877-2022, Standard on Selection, Care, and Maintenance of Wildland Fire Fighting Clothing and Equipment (new standard)  
PINS Date: Apr 21, 2017 | Public Review Date: Jan 22, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)
- ▶ ANSI/NFPA 1891-2022, Standard on Selection, Care, and Maintenance of Hazardous Materials Clothing and Equipment (new standard)  
PINS Date: Jan 26, 2018 | Public Review Date: Apr 2, 2021 | Final Action Date: Jul 24, 2021 | [Approved](#)
- ▶ ANSI/NFPA 18A-2022, Standard on Water Additives for Fire Control and Vapor Mitigation (revision of ANSI/NFPA 18A-2017)  
PINS Date: Jul 7, 2017 | Public Review Date: Aug 20, 2021 | Final Action Date: Oct 22, 2021 | [Approved](#)
- ▶ ANSI/NFPA 1900-2024, Standard for Aircraft Rescue and Firefighting Vehicles, Automotive Fire Apparatus, Wildland Fire Apparatus, and Automotive Ambulances (revision, redesignation and consolidation of ANSI/NFPA 414-2020, ANSI/NFPA 1901-2016, ANSI/NFPA 1906-2016, ANSI/NFPA 1917-2019)  
PINS Date: Jul 10, 2020 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 27, 2022 | [Approved](#)
- ▶ ANSI/NFPA 1910-2024, Standard for Marine Firefighting Vessels and the Inspection, Maintenance, Testing, Refurbishing, and Retirement of In-Service Emergency Vehicles (revision, redesignation and consolidation of ANSI/NFPA 1912-2016, ANSI/NFPA 1925-2018, ANSI/NFPA 1071-2020, ANSI/NFPA 1911-2017)  
PINS Date: Jul 10, 2020 | Public Review Date: Aug 12, 2022 | Final Action Date: Oct 27, 2022 | [Approved](#)
- ▶ ANSI/NFPA 1931-2020, Standard for Manufacturers Design of Fire Department Ground Ladders (revision of ANSI/NFPA 1931-2015)  
PINS Date: Nov 10, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)
- ▶ ANSI/NFPA 1932-2020, Standard on Use, Maintenance, and Service Testing of In-Service Fire Department Ground Ladders (revision of ANSI/NFPA 1932-2015)  
PINS Date: Nov 10, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)
- ▶ ANSI/NFPA 1936-2019, Standard on Powered Rescue Tools (revision of ANSI/NFPA 1936-2015)  
PINS Date: Apr 21, 2017 | Public Review Date: Mar 29, 2019 | Final Action Date: Jun 30, 2019 | [Approved](#)
- ▶ ANSI/NFPA 1937-2021, Standard for the Selection, Care, and Maintenance of Rescue Tools (new standard)  
PINS Date: Dec 15, 2017 | Public Review Date: Sep 13, 2019 | Final Action Date: Oct 25, 2020 | [Approved](#)
- ▶ ANSI/NFPA 1951-2020, Standard on Protective Ensembles for Technical Rescue Incidents (revision of ANSI/NFPA 1951-2013)  
Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)
- ▶ ANSI/NFPA 1952-2021, Standard on Surface Water Operations Protective Clothing and Equipment (revision of ANSI/NFPA 1952-2015)  
PINS Date: Dec 29, 2017 | Public Review Date: Jan 3, 2020 | Final Action Date: Apr 4, 2020 | [Approved](#)
- ▶ ANSI/NFPA 1953-2021, Standard on Protective Ensembles for Contaminated Water Diving (revision of ANSI/NFPA 1953-2016)  
PINS Date: Dec 29, 2017 | Public Review Date: Jan 3, 2020 | Final Action Date: Apr 4, 2020 | [Approved](#)

**NFPA (National Fire Protection Association)**

- ▶ ANSI/NFPA 1961-2020, Standard on Fire Hose (revision of ANSI/NFPA 1961-2013)  
Public Review Date: Feb 1, 2019 | Final Action Date: Aug 25, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 1962-2018, Standard for the Care, Use, Inspection, Service Testing, and Replacement of Fire Hose, Couplings, Nozzles, and Fire Hose Appliances (revision of ANSI/NFPA 1962-2008)  
PINS Date: May 19, 2017 | Public Review Date: Aug 25, 2017 | Final Action Date: Nov 30, 2017 | [Approved](#)

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- ▶ ANSI/NFPA 1963-2019, Standard for Fire Hose Connections (revision of ANSI/NFPA 1963-2014)  
PINS Date: Sep 2, 2016 | Public Review Date: Jul 27, 2018 | Final Action Date: Nov 25, 2018 | [Approved](#)

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- ▶ ANSI/NFPA 1964-2018, Standard for Spray Nozzles (revision of ANSI/NFPA 1964-2012)  
PINS Date: May 19, 2017 | Public Review Date: Aug 25, 2017 | Final Action Date: Nov 30, 2017 | [Approved](#)

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- ▶ ANSI/NFPA 1971-2018, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting (revision of ANSI/NFPA 1971-2013)  
PINS Date: Apr 21, 2017 | Public Review Date: Apr 21, 2017 | Final Action Date: Aug 21, 2017 | [Approved](#)

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- ▶ ANSI/NFPA 1975-2019, Standard on Emergency Services Work Clothing Elements (revision of ANSI/NFPA 1975-2014)  
PINS Date: Sep 2, 2016 | Public Review Date: Jul 27, 2018 | Final Action Date: Nov 25, 2018 | [Approved](#)

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- ▶ ANSI/NFPA 1977-2022, Standard on Protective Clothing and Equipment for Wildland Fire Fighting (revision of ANSI/NFPA 1977-2016)  
PINS Date: Dec 29, 2017 | Public Review Date: Jan 22, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 1981-2019, Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services (revision of ANSI/NFPA 1981-2013)  
PINS Date: May 19, 2017 | Public Review Date: Aug 25, 2017 | Final Action Date: Sep 3, 2018 | [Approved](#)

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- ▶ ANSI/NFPA 1982-2018, Standard on Personal Alert Safety Systems (PASS) (revision of ANSI/NFPA 1982-2012)  
PINS Date: May 19, 2017 | Public Review Date: Aug 25, 2017 | Final Action Date: Dec 26, 2017 | [Approved](#)

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- ▶ ANSI/NFPA 1984-2022, Standard on Respirators for Wildland Fire Fighting Operations (revision of ANSI/NFPA 1984-2011)  
PINS Date: Dec 29, 2017 | Public Review Date: Jan 22, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 1986-2023, Standard on Respiratory Protection Equipment for Tactical and Technical Operations (revision of ANSI/NFPA 1986-2017)  
PINS Date: Jul 7, 2017 | Public Review Date: Feb 18, 2022 | Final Action Date: Apr 24, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 1987-2023, Standard on Combination Unit Respirator Systems for Tactical and Technical Operations (new standard)  
PINS Date: Oct 18, 2019 | Public Review Date: Feb 18, 2022 | Final Action Date: Apr 24, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 1989-2019, Standard on Breathing Air Quality for Emergency Services Respiratory Protection (revision of ANSI/NFPA 1989-2012)  
PINS Date: Apr 21, 2017 | Public Review Date: Feb 9, 2018 | Final Action Date: May 24, 2018 | [Approved](#)

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- ▶ ANSI/NFPA 1990-2022, Standards for Protective Ensembles for Hazardous Material and Emergency Medical Operations (new standard)  
PINS Date: Nov 1, 2019 | Public Review Date: Apr 2, 2021 | Final Action Date: Jul 24, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 1991-2017, Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies (revision of ANSI/NFPA 1991-2005)  
PINS Date: Dec 27, 2013 | Public Review Date: Sep 19, 2014 | Final Action Date: Jan 14, 2016 | [Approved](#)

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**NFPA (National Fire Protection Association)**

- ▶ ANSI/NFPA 1992-2018, Standard on Liquid Splash-Protective Ensembles and Clothing for Hazardous Materials Emergencies (revision of ANSI/NFPA 1992-2011)  
PINS Date: Apr 21, 2017 | Public Review Date: Apr 21, 2017 | Final Action Date: Aug 21, 2017 | [Approved](#)
- ▶ ANSI/NFPA 1994-2018, Standard on Protective Ensembles for First Responders to CBRN Terrorism Incidents (revision of ANSI/NFPA 1994-2011)  
PINS Date: Apr 21, 2017 | Public Review Date: Apr 21, 2017 | Final Action Date: Aug 21, 2017 | [Approved](#)
- ▶ ANSI/NFPA 1999-2018, Standard on Protective Clothing and Ensembles for Emergency Medical Operations (revision of ANSI/NFPA 1999-2012)  
PINS Date: Apr 21, 2017 | Public Review Date: Apr 21, 2017 | Final Action Date: Aug 21, 2017 | [Approved](#)
- ▶ ANSI/NFPA 2-2023, Hydrogen Technologies Code (revision of ANSI/NFPA 2-2019)  
PINS Date: Oct 25, 2019 | Public Review Date: Oct 7, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)
- ▶ ANSI/NFPA 20-2022, Standard for the Installation of Stationary Pumps for Fire Protection (revision of ANSI/NFPA 20-2019)  
PINS Date: Aug 24, 2018 | Public Review Date: Feb 5, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)
- ▶ ANSI/NFPA 2001-2022, Standard on Clean Agent Fire Extinguishing Systems (revision of ANSI/NFPA 2001-2018)  
PINS Date: Jun 8, 2018 | Public Review Date: Feb 5, 2021 | Final Action Date: Sep 15, 2021 | [Approved](#)
- ▶ ANSI/NFPA 2010-2020, Standard for Fixed Aerosol Fire-Extinguishing Systems (revision of ANSI/NFPA 2010-2015)  
PINS Date: Dec 29, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)
- ▶ ANSI/NFPA 204-2021, Standard for Smoke and Heat Venting (revision of ANSI/NFPA 204-2018)  
PINS Date: Jun 8, 2018 | Public Review Date: Jul 31, 2020 | Final Action Date: Oct 25, 2020 | [Approved](#)
- ▶ ANSI/NFPA 211-2019, Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances (revision of ANSI/NFPA 211-2016)  
PINS Date: Sep 2, 2016 | Public Review Date: Sep 8, 2017 | Final Action Date: Aug 15, 2018 | [Approved](#)
- ▶ ANSI/NFPA 2112-2023, Standard on Flame-Resistant Clothing for Protection of Industrial Personnel Against Short-Duration Thermal Exposures from Fire (revision of ANSI/NFPA 2112-2018)  
PINS Date: Apr 13, 2018 | Public Review Date: Jan 21, 2022 | Final Action Date: Jul 6, 2022 | [Approved](#)
- ▶ ANSI/NFPA 2113-2020, Standard on Selection, Care, Use, and Maintenance of Flame-Resistant Garments for Protection of Industrial Personnel Against Short-Duration Thermal Exposures from Fire (revision of ANSI/NFPA 2113-2016)  
PINS Date: Apr 21, 2017 | Public Review Date: Feb 8, 2019 | Final Action Date: May 18, 2019 | [Approved](#)
- ▶ ANSI/NFPA 214-2021, Standard on Water-Cooling Towers (revision of ANSI/NFPA 214-2016)  
PINS Date: Dec 8, 2017 | Public Review Date: Jul 31, 2020 | Final Action Date: Oct 25, 2020 | [Approved](#)
- ▶ ANSI/NFPA 22-2023, Standard for Water Tanks for Private Fire Protection (revision of ANSI/NFPA 22-2018)  
PINS Date: Jun 8, 2018 | Public Review Date: Oct 22, 2021 | Final Action Date: May 4, 2022 | [Approved](#)
- ▶ ANSI/NFPA 220-2021, Standard on Types of Building Construction (revision of ANSI/NFPA 220-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Jan 3, 2020 | Final Action Date: Jun 21, 2020 | [Approved](#)
- ▶ ANSI/NFPA 221-2021, Standard for High Challenge Fire Walls, Fire Walls, and Fire Barrier Walls (revision of ANSI/NFPA 221-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Jan 3, 2020 | Final Action Date: Apr 4, 2020 | [Approved](#)
- ▶ ANSI/NFPA 232-2022, Standard for the Protection of Records (revision of ANSI/NFPA 232-2017)  
PINS Date: Aug 4, 2017 | Public Review Date: Jan 1, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)

**NFPA (National Fire Protection Association)**

- ▶ ANSI/NFPA 24-2022, Standard for the Installation of Private Fire Service Mains and Their Appurtenances (revision of ANSI/NFPA 24-2019)  
PINS Date: Nov 23, 2018 | Public Review Date: Jan 1, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 2400-2019, Standard for Small Unmanned Aircraft Systems (sUAS) used for Public Safety Operations (new standard)  
PINS Date: Aug 4, 2017 | Public Review Date: Aug 24, 2018 | Final Action Date: Nov 25, 2018 | [Approved](#)

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- ▶ ANSI/NFPA 241-2022, Standard for Safeguarding Construction, Alteration, and Demolition Operations (revision of ANSI/NFPA 241-2019)  
PINS Date: Nov 23, 2018 | Public Review Date: Feb 5, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 25-2023, Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems (revision of ANSI/NFPA 25-2020)  
PINS Date: Jan 3, 2020 | Public Review Date: Feb 4, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 2500-2022, Standards for Operations and Training for Technical Search and Rescue Incidents and Life Safety Rope and Equipment for Emergency Services (revision, redesignation and consolidation of ANSI/NFPA 1670-2018, ANSI/NFPA 1983-2017, ANSI/NFPA 1858-2018)  
PINS Date: Oct 25, 2019 | Public Review Date: Apr 9, 2021 | Final Action Date: Sep 15, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 252-2022, Standard Methods of Fire Tests of Door Assemblies (revision of ANSI/NFPA 252-2017)  
PINS Date: Jul 7, 2017 | Public Review Date: Sep 25, 2020 | Final Action Date: Jun 4, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 253-2023, Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source (revision of ANSI/NFPA 253-2019)  
PINS Date: May 10, 2019 | Public Review Date: Oct 22, 2021 | Final Action Date: May 18, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 257-2022, Standard on Fire Test for Window and Glass Block Assemblies (revision of ANSI/NFPA 257-2017)  
PINS Date: Dec 8, 2017 | Public Review Date: Sep 25, 2020 | Final Action Date: Jun 4, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 259-2023, Standard Test Method for Potential Heat of Building Materials (revision of ANSI/NFPA 259-2018)  
PINS Date: Jun 8, 2018 | Public Review Date: Sep 23, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 260-2019, Standard Methods of Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture (revision of ANSI/NFPA 260-2012)  
PINS Date: May 19, 2017 | Public Review Date: Aug 25, 2017 | Final Action Date: Jul 13, 2018 | [Approved](#)

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- ▶ ANSI/NFPA 261-2023, Standard Method of Test for Determining Resistance of Mock-Up Upholstered Furniture Material Assemblies to Ignition by Smoldering Cigarettes (revision of ANSI/NFPA 261-2018)  
PINS Date: Jun 8, 2018 | Public Review Date: Sep 23, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 262-2023, Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces (revision of ANSI/NFPA 262-2019)  
PINS Date: May 10, 2019 | Public Review Date: Sep 23, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 265-2023, Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile or Expanded Vinyl Wall Coverings on Full Height Panels and Walls (revision of ANSI/NFPA 265-2019)  
PINS Date: May 10, 2019 | Public Review Date: Sep 23, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 268-2022, Standard Test Method for Determining Ignitability of Exterior Wall Assemblies Using a Radiant Heat Energy Source (revision of ANSI/NFPA 268-2017)  
PINS Date: Dec 8, 2017 | Public Review Date: Aug 13, 2021 | Final Action Date: Oct 22, 2021 | [Approved](#)

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**NFPA (National Fire Protection Association)**

- ▶ ANSI/NFPA 269-2022, Standard Test Method for Developing Toxic Potency Data for Use in Fire Hazard Modeling (revision of ANSI/NFPA 269-2017)  
PINS Date: Dec 8, 2017 | Public Review Date: Aug 13, 2021 | Final Action Date: Oct 22, 2021 | [Approved](#)
- ▶ ANSI/NFPA 270-2023, Standard Test Method for Measurement of Smoke Obscuration Using a Conical Radiant Source in a Single Closed Chamber (revision of ANSI/NFPA 270-2018)  
PINS Date: Jun 8, 2018 | Public Review Date: Sep 23, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)
- ▶ ANSI/NFPA 274-2023, Standard Test Method to Evaluate Fire Performance Characteristics of Pipe Insulation (revision of ANSI/NFPA 274-2018)  
PINS Date: Jun 8, 2018 | Public Review Date: Sep 23, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)
- ▶ ANSI/NFPA 275-2022, Standard Method of Fire Tests for the Evaluation of Thermal Barriers (revision of ANSI/NFPA 275-2017)  
PINS Date: Dec 8, 2017 | Public Review Date: Aug 13, 2021 | Final Action Date: Oct 22, 2021 | [Approved](#)
- ▶ ANSI/NFPA 276-2023, Standard Method of Fire Test for Determining the Heat Release Rate of Roofing Assemblies with Combustible Above-Deck Roofing Components (revision of ANSI/NFPA 276-2019)  
PINS Date: May 10, 2019 | Public Review Date: Oct 22, 2021 | Final Action Date: May 18, 2022 | [Approved](#)
- ▶ ANSI/NFPA 2800-2023, Standard on Facility Emergency Action Plans (new standard)  
PINS Date: Jun 12, 2020 | Public Review Date: Sep 23, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)
- ▶ ANSI/NFPA 285-2023, Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Wall Assemblies Containing Combustible Components (revision of ANSI/NFPA 285-2019)  
PINS Date: May 10, 2019 | Public Review Date: Aug 13, 2021 | Final Action Date: Sep 1, 2022 | [Approved](#)
- ▶ ANSI/NFPA 286-2019, Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth (revision of ANSI/NFPA 286-2015)  
PINS Date: Sep 2, 2016 | Public Review Date: Jul 27, 2018 | Final Action Date: Nov 25, 2018 | [Approved](#)
- ▶ ANSI/NFPA 287-2022, Standard Test Methods for Measurement of Flammability of Materials in Cleanrooms Using a Fire Propagation Apparatus (FPA) (revision of ANSI/NFPA 287-2017)  
Public Review Date: Aug 13, 2021 | Final Action Date: Oct 22, 2021 | [Approved](#)
- ▶ ANSI/NFPA 288-2022, Standard Methods of Fire Tests of Horizontal Fire Door Assemblies Installed in Horizontal Fire Resistance-Rated Assemblies (revision of ANSI/NFPA 288-2017)  
PINS Date: Dec 8, 2017 | Public Review Date: Sep 25, 2020 | Final Action Date: Jun 4, 2021 | [Approved](#)
- ▶ ANSI/NFPA 289-2023, Standard Method of Fire Test for Individual Fuel Packages (revision of ANSI/NFPA 289-2019)  
PINS Date: Nov 23, 2018 | Public Review Date: Sep 23, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)
- ▶ ANSI/NFPA 290-2023, Standard for Fire Testing of Passive Protection Materials for Use on LP-Gas Containers (revision of ANSI/NFPA 290-2018)  
PINS Date: Jun 8, 2018 | Public Review Date: Oct 22, 2021 | Final Action Date: May 18, 2022 | [Approved](#)
- ▶ ANSI/NFPA 291-2022, Recommended Practice for Fire Flow Testing and Marking of Hydrants (revision of ANSI/NFPA 291-2019)  
PINS Date: Aug 24, 2018 | Public Review Date: Jan 1, 2021 | Final Action Date: Sep 15, 2021 | [Approved](#)
- ▶ ANSI/NFPA 3-2021, Standard for Commissioning of Fire Protection and Life Safety Systems (revision of ANSI/NFPA 3-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Jan 17, 2020 | Final Action Date: Apr 4, 2020 | [Approved](#)
- ▶ ANSI/NFPA 30-2021, Flammable and Combustible Liquids Code (revision of ANSI/NFPA 30-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Apr 26, 2019 | Final Action Date: Aug 31, 2020 | [Approved](#)

**NFPA (National Fire Protection Association)**

- ▶ ANSI/NFPA 3000-2021, Standard for an Active Shooter/Hostile Event Response (ASHER) Program (new standard)  
PINS Date: May 11, 2018 | Public Review Date: Feb 7, 2020 | Final Action Date: Apr 4, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 301-2023, Code for Safety to Life from Fire on Merchant Vessels (revision of ANSI/NFPA 301-2018)  
PINS Date: Apr 13, 2018 | Public Review Date: Jan 21, 2022 | Final Action Date: Apr 9, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 302-2020, Fire Protection Standard for Pleasure and Commercial Motor Craft (revision of ANSI/NFPA 302-2015)  
PINS Date: Apr 21, 2017 | Public Review Date: Feb 1, 2019 | Final Action Date: Aug 25, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 303-2021, Fire Protection Standard for Marinas and Boatyards (revision of ANSI/NFPA 303-2016)  
PINS Date: Dec 8, 2017 | Public Review Date: Jan 3, 2020 | Final Action Date: Apr 4, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 306-2019, Standard for the Control of Gas Hazards on Vessels (revision of ANSI/NFPA 306-2013)  
PINS Date: Jan 25, 2018 | Public Review Date: Feb 9, 2018 | Final Action Date: May 24, 2018 | [Approved](#)

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- ▶ ANSI/NFPA 307-2021, Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves (revision of ANSI/NFPA 307-2016)  
PINS Date: Dec 8, 2017 | Public Review Date: Mar 1, 2019 | Final Action Date: Oct 31, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 30A-2021, Code for Motor Fuel Dispensing Facilities and Repair Garages (revision of ANSI/NFPA 30A-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Feb 7, 2020 | Final Action Date: Aug 31, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 30B-2023, Code for the Manufacture and Storage of Aerosol Products (revision of ANSI/NFPA 30B-2019)  
PINS Date: Nov 23, 2018 | Public Review Date: Feb 4, 2022 | Final Action Date: Apr 9, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 31-2020, Standard for the Installation of Oil-Burning Equipment (revision of ANSI/NFPA 31-2016)  
PINS Date: Oct 13, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 312-2021, Standard for Fire Protection of Vessels During Construction, Conversion, Repair, and Lay-Up (revision of ANSI/NFPA 312-2016)  
PINS Date: Dec 8, 2017 | Public Review Date: Jan 17, 2020 | Final Action Date: Apr 4, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 318-2021, Standard for the Protection of Semiconductor Fabrication Facilities (revision of ANSI/NFPA 318-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Jul 31, 2020 | Final Action Date: Sep 15, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 32-2021, Standard for Drycleaning Facilities (revision of ANSI/NFPA 32-2016)  
PINS Date: Dec 8, 2017 | Public Review Date: Aug 7, 2020 | Final Action Date: Oct 25, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 326-2020, Standard for the Safeguarding of Tanks and Containers for Entry, Cleaning, or Repair (revision of ANSI/NFPA 326-2015)  
PINS Date: Oct 13, 2017 | Public Review Date: Oct 5, 2018 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 329-2020, Recommended Practice for Handling Releases of Flammable and Combustible Liquids and Gases (revision of ANSI/NFPA 329-2015)  
PINS Date: Oct 13, 2017 | Public Review Date: Oct 5, 2018 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 33-2021, Standard for Spray Application Using Flammable or Combustible Materials (revision of ANSI/NFPA 33-2018)  
PINS Date: Jun 8, 2018 | Public Review Date: Jul 31, 2020 | Final Action Date: Oct 25, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 34-2021, Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids (revision of ANSI/NFPA 34-2018)  
PINS Date: Jun 8, 2018 | Public Review Date: Jul 31, 2020 | Final Action Date: Oct 25, 2020 | [Approved](#)

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**NFPA (National Fire Protection Association)**

- ▶ ANSI/NFPA 35-2021, Standard for the Manufacture of Organic Coatings (revision of ANSI/NFPA 35-2016)  
PINS Date: Dec 8, 2017 | Public Review Date: Jul 31, 2020 | Final Action Date: Oct 25, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 350-2022, Guide for Safe Confined Space Entry and Work (revision of ANSI/NFPA 350-2019)  
PINS Date: May 10, 2019 | Public Review Date: Sep 25, 2020 | Final Action Date: Apr 17, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 36-2021, Standard for Solvent Extraction Plants (revision of ANSI/NFPA 36-2017)  
PINS Date: Jul 7, 2017 | Public Review Date: Jul 31, 2020 | Final Action Date: Oct 25, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 37-2021, Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines (revision of ANSI/NFPA 37-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Aug 7, 2020 | Final Action Date: Oct 25, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 385-2022, Standard for Tank Vehicles for Flammable and Combustible Liquids (revision of ANSI/NFPA 385-2017)  
PINS Date: Dec 8, 2017 | Public Review Date: Aug 6, 2021 | Final Action Date: Oct 22, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 4-2021, Standard for Integrated Fire Protection and Life Safety System Testing (revision of ANSI/NFPA 4-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Jan 17, 2020 | Final Action Date: Aug 31, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 40-2022, Standard for the Storage and Handling of Cellulose Nitrate Film (revision of ANSI/NFPA 40-2019)  
PINS Date: Nov 23, 2018 | Public Review Date: Jan 22, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 400-2022, Hazardous Materials Code (revision of ANSI/NFPA 400-2019)  
PINS Date: Nov 23, 2018 | Public Review Date: Jan 22, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 407-2022, Standard for Aircraft Fuel Servicing (revision of ANSI/NFPA 407-2017)  
PINS Date: Aug 4, 2017 | Public Review Date: Jan 1, 2021 | Final Action Date: Jul 8, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 408-2022, Standard for Aircraft Hand Portable Fire Extinguishers (revision of ANSI/NFPA 408-2017)  
PINS Date: Dec 8, 2017 | Public Review Date: Sep 25, 2020 | Final Action Date: May 4, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 409-2022, Standard on Aircraft Hangars (revision of ANSI/NFPA 409-2016)  
PINS Date: Dec 8, 2017 | Public Review Date: Aug 6, 2021 | Final Action Date: Oct 22, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 410-2020, Standard on Aircraft Maintenance (revision of ANSI/NFPA 410-2015)  
PINS Date: Oct 13, 2017 | Public Review Date: Sep 7, 2018 | Final Action Date: Feb 4, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 415-2022, Standard on Airport Terminal Buildings, Fueling Ramp Drainage, and Loading Walkways (revision of ANSI/NFPA 415-2016)  
PINS Date: Dec 8, 2017 | Public Review Date: Aug 6, 2021 | Final Action Date: Oct 22, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 418-2021, Standard for Heliports (revision of ANSI/NFPA 418-2016)  
PINS Date: Dec 8, 2017 | Public Review Date: Jul 31, 2020 | Final Action Date: Oct 25, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 423-2022, Standard for Construction and Protection of Aircraft Engine Test Facilities (revision of ANSI/NFPA 423-2016)  
PINS Date: Dec 8, 2017 | Public Review Date: Aug 6, 2021 | Final Action Date: Oct 22, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 440-2024, Guide for Aircraft Rescue and Firefighting Operations and Airport/Community Emergency Planning (revision, redesignation and consolidation of ANSI/NFPA 402-2019, ANSI/NFPA 424-2017)  
PINS Date: Jul 10, 2020 | Public Review Date: Aug 12, 2022 | Final Action Date: Oct 27, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 45-2019, Standard on Fire Protection for Laboratories Using Chemicals (revision of ANSI/NFPA 45-2015)  
PINS Date: Sep 2, 2016 | Public Review Date: Jul 27, 2018 | Final Action Date: Nov 25, 2018 | [Approved](#)

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**NFPA (National Fire Protection Association)**

- ▶ ANSI/NFPA 450-2021, Guide for Emergency Medical Services and Systems (revision of ANSI/NFPA 450-2017)  
PINS Date: Aug 4, 2017 | Public Review Date: Jul 31, 2020 | Final Action Date: Oct 25, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 451-2019, Guide for Community Healthcare Programs (new standard)  
PINS Date: Dec 15, 2017 | Public Review Date: Mar 29, 2019 | Final Action Date: Jun 30, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 460-2024, Standard for Aircraft Rescue and Firefighting Services at Airports, Recurring Proficiency of Airport Fire Fighters, and Evaluating Aircraft Rescue and Firefighting Foam Equipment (revision, redesignation and consolidation of ANSI/NFPA 403-2018, ANSI/NFPA 405-2020, ANSI/NFPA 412-2020)  
PINS Date: Jul 10, 2020 | Public Review Date: Aug 12, 2022 | Final Action Date: Oct 27, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 470-2022, Hazardous Materials Standards for Responders (new standard)  
PINS Date: Oct 25, 2019 | Public Review Date: Apr 16, 2021 | Final Action Date: Sep 15, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 472-2018, Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents (revision of ANSI/NFPA 472-2012)  
PINS Date: Apr 21, 2017 | Public Review Date: Apr 21, 2017 | Final Action Date: Aug 21, 2017 | [Approved](#)

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- ▶ ANSI/NFPA 473-2018, Standard for Competencies for EMS Personnel Responding to Hazardous Materials/Weapons of Mass Destruction Incidents (revision of ANSI/NFPA 473-2012)  
PINS Date: Apr 21, 2017 | Public Review Date: Apr 21, 2017 | Final Action Date: Aug 21, 2017 | [Approved](#)

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- ▶ ANSI/NFPA 475-2022, Recommended Practice for Organizing, Managing, and Sustaining a Hazardous Materials/Weapons of Mass Destruction Response Program (revision of ANSI/NFPA 475-2017)  
PINS Date: Oct 11, 2019 | Public Review Date: Jul 31, 2020 | Final Action Date: Jan 30, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 484-2022, Standard for Combustible Metals (revision of ANSI/NFPA 484-2019)  
PINS Date: Nov 23, 2018 | Public Review Date: Jan 22, 2021 | Final Action Date: Sep 15, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 495-2023, Explosive Materials Code (revision of ANSI/NFPA 495-2018)  
PINS Date: Jun 8, 2018 | Public Review Date: Sep 23, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 496-2021, Standard for Purged and Pressurized Enclosures for Electrical Equipment (revision of ANSI/NFPA 496-2017)  
PINS Date: Aug 4, 2017 | Public Review Date: Mar 29, 2019 | Final Action Date: Apr 4, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 497-2021, Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas (revision of ANSI/NFPA 497-2017)  
PINS Date: Jul 7, 2017 | Public Review Date: Feb 7, 2020 | Final Action Date: Apr 4, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 498-2023, Standard for Safe Havens and Interchange Lots for Vehicles Transporting Explosives (revision of ANSI/NFPA 498-2018)  
PINS Date: Jun 8, 2018 | Public Review Date: Oct 22, 2021 | Final Action Date: Jun 9, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 499-2021, Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas (revision of ANSI/NFPA 499-2017)  
PINS Date: Aug 4, 2017 | Public Review Date: Feb 7, 2020 | Final Action Date: Apr 4, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 5000-2021, Building Construction and Safety Code® (revision of ANSI/NFPA 5000-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Feb 7, 2020 | Final Action Date: Jul 2, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 501A-2021, Standard for Fire Safety Criteria for Manufactured Home Installations, Sites, and Communities (revision of ANSI/NFPA 501A-2017)  
PINS Date: Dec 8, 2017 | Public Review Date: Aug 7, 2020 | Final Action Date: Oct 25, 2020 | [Approved](#)

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**NFPA (National Fire Protection Association)**

- ▶ ANSI/NFPA 502-2023, Standard for Road Tunnels, Bridges, and Other Limited Access Highways (revision of ANSI/NFPA 502-2020)  
PINS Date: Oct 25, 2019 | Public Review Date: Feb 4, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)
- ▶ ANSI/NFPA 505-2018, Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Conversions, Maintenance, and Operations (revision of ANSI/NFPA 505-2012)  
PINS Date: May 19, 2017 | Public Review Date: Jun 23, 2017 | Final Action Date: Aug 18, 2017 | [Approved](#)
- ▶ ANSI/NFPA 51-2023, Standard for the Design and Installation of Oxygen-Fuel Gas Systems for Welding, Cutting, and Allied Processes (revision of ANSI/NFPA 51-2017)  
PINS Date: Dec 8, 2017 | Public Review Date: Jan 28, 2022 | Final Action Date: Apr 9, 2022 | [Approved](#)
- ▶ ANSI/NFPA 51B-2019, Standard for Fire Prevention During Welding, Cutting, and Other Hot Work (revision of ANSI/NFPA 51B-2013)  
PINS Date: Jan 25, 2018 | Public Review Date: Feb 9, 2018 | Final Action Date: Jul 15, 2018 | [Approved](#)
- ▶ ANSI/NFPA 52-2023, Vehicular Natural Gas Fuel Systems Code (revision of ANSI/NFPA 52-2019)  
PINS Date: May 10, 2019 | Public Review Date: Jan 21, 2022 | Final Action Date: Apr 9, 2022 | [Approved](#)
- ▶ ANSI/NFPA 520-2021, Standard on Subterranean Spaces (revision of ANSI/NFPA 520-2016)  
PINS Date: Dec 8, 2017 | Public Review Date: Jul 31, 2020 | Final Action Date: Oct 25, 2020 | [Approved](#)
- ▶ ANSI/NFPA 53-2021, Recommended Practice on Materials, Equipment, and Systems Used in Oxygen-Enriched Atmospheres (revision of ANSI/NFPA 53-2016)  
PINS Date: Dec 8, 2017 | Public Review Date: Jul 31, 2020 | Final Action Date: Oct 25, 2020 | [Approved](#)
- ▶ ANSI/NFPA 54-2021, National Fuel Gas Code (revision of ANSI/NFPA 54-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Jan 24, 2020 | Final Action Date: Apr 4, 2020 | [Approved](#)
- ▶ ANSI/NFPA 55-2022, Compressed Gases and Cryogenic Fluids Code (revision of ANSI/NFPA 55-2020)  
PINS Date: Oct 25, 2019 | Public Review Date: Feb 4, 2022 | Final Action Date: Jul 6, 2022 | [Approved](#)
- ▶ ANSI/NFPA 550-2022, Guide to the Fire Safety Concepts Tree (revision of ANSI/NFPA 550-2017)  
PINS Date: Dec 8, 2017 | Public Review Date: Sep 25, 2020 | Final Action Date: Mar 16, 2021 | [Approved](#)
- ▶ ANSI/NFPA 551-2022, Guide for the Evaluation of Fire Risk Assessments (revision of ANSI/NFPA 551-2019)  
PINS Date: Nov 23, 2018 | Public Review Date: Sep 25, 2020 | Final Action Date: Mar 16, 2021 | [Approved](#)
- ▶ ANSI/NFPA 555-2021, Guide on Methods for Evaluating Potential for Room Flashover (revision of ANSI/NFPA 555-2017)  
PINS Date: Jul 21, 2017 | Public Review Date: Jul 31, 2020 | Final Action Date: Oct 25, 2020 | [Approved](#)
- ▶ ANSI/NFPA 556-2020, Guide on Methods for Evaluating Fire Hazard to Occupants of Passenger Road Vehicles (revision of ANSI/NFPA 556-2016)  
PINS Date: Apr 21, 2017 | Public Review Date: Feb 8, 2019 | Final Action Date: May 18, 2019 | [Approved](#)
- ▶ ANSI/NFPA 557-2023, Standard for Determination of Fire Loads for Use in Structural Fire Protection Design (revision of ANSI/NFPA 557-2020)  
PINS Date: Oct 25, 2019 | Public Review Date: Jan 21, 2022 | Final Action Date: Apr 9, 2022 | [Approved](#)
- ▶ ANSI/NFPA 56-2023, Standard for Fire and Explosion Prevention During Cleaning and Purging of Flammable Gas Piping Systems (revision of ANSI/NFPA 56-2020)  
PINS Date: Mar 27, 2020 | Public Review Date: Sep 23, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)
- ▶ ANSI/NFPA 58-2020, Liquefied Petroleum Gas Code (revision of ANSI/NFPA 58-2017)  
PINS Date: Jul 21, 2017 | Public Review Date: Mar 23, 2018 | Final Action Date: Aug 25, 2019 | [Approved](#)

**NFPA (National Fire Protection Association)**

- ▶ ANSI/NFPA 59-2021, Utility LP-Gas Plant Code (revision of ANSI/NFPA 59-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Jan 24, 2020 | Final Action Date: Apr 4, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 59A-2023, Standard for the Production, Storage, and Handling of Liquefied Natural Gas (LNG) (revision of ANSI/NFPA 59A-2019)  
PINS Date: May 10, 2019 | Public Review Date: Sep 23, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 600-2020, Standard on Facility Fire Brigades (revision of ANSI/NFPA 600-2015)  
PINS Date: Oct 13, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 601-2020, Standard for Security Services in Fire Loss Prevention (revision of ANSI/NFPA 601-2015)  
PINS Date: Oct 13, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 61-2020, Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Processing Facilities (revision of ANSI/NFPA 61-2017)  
PINS Date: Apr 21, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 610-2024, Guide for Emergency and Safety Operations at Motorsports Venues (revision of ANSI/NFPA 610-2018)  
PINS Date: Jul 10, 2020 | Public Review Date: Aug 12, 2022 | Final Action Date: Oct 27, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 652-2019, Standard on the Fundamentals of Combustible Dusts (revision of ANSI/NFPA 652-2015)  
PINS Date: Jan 25, 2018 | Public Review Date: Feb 9, 2018 | Final Action Date: May 24, 2018 | [Approved](#)

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- ▶ ANSI/NFPA 654-2020, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids (revision of ANSI/NFPA 654-2017)  
PINS Date: Jul 21, 2017 | Public Review Date: Feb 8, 2019 | Final Action Date: Aug 25, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 655-2017, Standard for Prevention of Sulfur Fires and Explosions (revision of ANSI/NFPA 655-2011)  
Public Review Date: Sep 15, 2017 | Final Action Date: Dec 1, 2016 | [Approved](#)

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- ▶ ANSI/NFPA 664-2020, Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities (revision of ANSI/NFPA 664-2017)  
PINS Date: Aug 4, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 67-2019, Guideline on Explosion Protection for Gaseous Mixtures in Pipe Systems (revision of ANSI/NFPA 67-2016)  
PINS Date: Sep 2, 2016 | Public Review Date: Jul 27, 2018 | Final Action Date: Nov 25, 2018 | [Approved](#)

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- ▶ ANSI/NFPA 68-2023, Standard on Explosion Protection by Deflagration Venting (revision of ANSI/NFPA 68-2018)  
PINS Date: Jun 8, 2018 | Public Review Date: Oct 21, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 69-2019, Standard on Explosion Prevention Systems (revision of ANSI/NFPA 69-2014)  
PINS Date: Sep 2, 2016 | Public Review Date: Aug 10, 2018 | Final Action Date: Nov 25, 2018 | [Approved](#)

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- ▶ ANSI/NFPA 70®-2023, National Electrical Code® (revision of ANSI/NFPA 70-2020)  
PINS Date: Jan 10, 2020 | Public Review Date: Apr 8, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 701-2023, Standard Methods of Fire Tests for Flame Propagation of Textiles and Films (revision of ANSI/NFPA 701-2019)  
PINS Date: May 10, 2019 | Public Review Date: Sep 23, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 703-2021, Standard for Fire Retardant—Treated Wood and Fire-Retardant Coatings for Building Materials (revision of ANSI/NFPA 703-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Jan 3, 2020 | Final Action Date: Apr 4, 2020 | [Approved](#)

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**NFPA (National Fire Protection Association)**

- ▶ ANSI/NFPA 704-2022, Standard System for the Identification of the Hazards of Materials for Emergency Response (revision of ANSI/NFPA 704-2017)  
PINS Date: Aug 4, 2017 | Public Review Date: Feb 28, 2020 | Final Action Date: Nov 3, 2020 | [Approved](#)
- ▶ ANSI/NFPA 705-2023, Recommended Practice for a Field Flame Test for Textiles and Films (revision of ANSI/NFPA 705-2018)  
PINS Date: Jun 8, 2018 | Public Review Date: Sep 23, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)
- ▶ ANSI/NFPA 70B-2019, Recommended Practice for Electrical Equipment Maintenance (revision of ANSI/NFPA 70B-2016)  
PINS Date: Sep 2, 2016 | Public Review Date: Jul 27, 2018 | Final Action Date: Nov 25, 2018 | [Approved](#)
- ▶ ANSI/NFPA 70E-2021, Standard for Electrical Safety in the Workplace® (revision of ANSI/NFPA 70E-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Jan 24, 2020 | Final Action Date: Jun 21, 2020 | [Approved](#)
- ▶ ANSI/NFPA 715-2023, Standard for the Installation of Fuel Gases Detection and Warning Equipment (new standard)  
PINS Date: Jun 12, 2020 | Public Review Date: Jan 28, 2022 | Final Action Date: Apr 9, 2022 | [Approved](#)
- ▶ ANSI/NFPA 72®-2022, National Fire Alarm and Signaling Code® (revision of ANSI/NFPA 72-2019)  
PINS Date: Nov 23, 2018 | Public Review Date: Jan 22, 2021 | Final Action Date: Sep 15, 2021 | [Approved](#)
- ▶ ANSI/NFPA 73-2020, Standard for Electrical Inspections for Existing Dwellings (revision of ANSI/NFPA 73-2016)  
PINS Date: Dec 8, 2017 | Public Review Date: Mar 1, 2019 | Final Action Date: Sep 19, 2019 | [Approved](#)
- ▶ ANSI/NFPA 730-2023, Guide for Premises Security (revision of ANSI/NFPA 730-2020)  
PINS Date: Mar 27, 2020 | Public Review Date: Sep 23, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)
- ▶ ANSI/NFPA 731-2023, Standard for the Installation of Premises Security Systems (revision of ANSI/NFPA 731-2020)  
PINS Date: Mar 27, 2020 | Public Review Date: Oct 22, 2021 | Final Action Date: Aug 24, 2022 | [Approved](#)
- ▶ ANSI/NFPA 75-2020, Standard for the Fire Protection of Information Technology Equipment (revision of ANSI/NFPA 75-2017)  
PINS Date: Nov 10, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)
- ▶ ANSI/NFPA 750-2023, Standard on Water Mist Fire Protection Systems (revision of ANSI/NFPA 750-2019)  
PINS Date: Nov 16, 2018 | Public Review Date: Jan 28, 2022 | Final Action Date: Apr 9, 2022 | [Approved](#)
- ▶ ANSI/NFPA 76-2020, Standard for the Fire Protection of Telecommunications Facilities (revision of ANSI/NFPA 76-2016)  
PINS Date: Oct 13, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)
- ▶ ANSI/NFPA 77-2019, Recommended Practice on Static Electricity (revision of ANSI/NFPA 77-2013)  
PINS Date: Jan 25, 2018 | Public Review Date: Feb 9, 2018 | Final Action Date: May 24, 2018 | [Approved](#)
- ▶ ANSI/NFPA 770-2021, Standard on Hybrid (Water and Inert Gas) Fire Extinguishing Systems (new standard)  
PINS Date: Dec 15, 2017 | Public Review Date: Jan 3, 2020 | Final Action Date: Apr 4, 2020 | [Approved](#)
- ▶ ANSI/NFPA 78-2019, Guide on Electrical Inspections (new standard)  
PINS Date: Aug 11, 2017 | Public Review Date: Apr 12, 2019 | Final Action Date: Jun 30, 2019 | [Approved](#)
- ▶ ANSI/NFPA 780-2023, Standard for the Installation of Lightning Protection Systems (revision of ANSI/NFPA 780-2020)  
PINS Date: Oct 25, 2019 | Public Review Date: Jan 28, 2022 | Final Action Date: Apr 9, 2022 | [Approved](#)
- ▶ ANSI/NFPA 79-2021, Electrical Standard for Industrial Machinery (revision of ANSI/NFPA 79-2018)  
PINS Date: Jun 8, 2018 | Public Review Date: Jul 31, 2020 | Final Action Date: Oct 25, 2020 | [Approved](#)

**NFPA (National Fire Protection Association)**

- ▶ ANSI/NFPA 790-2021 (R2024), Standard for Competency of Third-Party Field Evaluation Bodies (reaffirmation of ANSI/NFPA 790-2021)  
PINS Date: Nov 27, 2020 | Public Review Date: May 20, 2022 | Final Action Date: Jul 5, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 791-2021 (R2024), Recommended Practice and Procedures for Unlabeled Electrical Equipment Evaluation (reaffirmation of ANSI/NFPA 791-2021)  
PINS Date: Oct 30, 2020 | Public Review Date: May 20, 2022 | Final Action Date: Jul 5, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 80-2022, Standard for Fire Doors and Other Opening Protectives (revision of ANSI/NFPA 80-2019)  
PINS Date: Nov 23, 2018 | Public Review Date: Feb 5, 2021 | Final Action Date: Sep 15, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 801-2020, Standard for Fire Protection for Facilities Handling Radioactive Materials (revision of ANSI/NFPA 801-2014)  
PINS Date: Sep 2, 2016 | Public Review Date: Jul 27, 2018 | Final Action Date: Aug 25, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 804-2020, Standard for Fire Protection for Advanced Light Water Reactor Electric Generating Plants (revision of ANSI/NFPA 804-2015)  
PINS Date: Oct 13, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 805-2020, Performance-Based Standard for Fire Protection for Light Water Reactor Electric Generating Plants (revision of ANSI/NFPA 805-2015)  
PINS Date: Oct 13, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 806-2020, Performance-Based Standard for Fire Protection for Advanced Nuclear Reactor Electric Generating Plants Change Process (revision of ANSI/NFPA 806-2015)  
PINS Date: Oct 13, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 80A-2022, Recommended Practice for Protection of Buildings from Exterior Fire Exposures (revision of ANSI/NFPA 80A-2017)  
PINS Date: Aug 4, 2017 | Public Review Date: Jan 1, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 82-2019, Standard on Incinerators and Waste and Linen Handling Systems and Equipment (revision of ANSI/NFPA 82-2014)  
PINS Date: Sep 2, 2016 | Public Review Date: Aug 10, 2018 | Final Action Date: Nov 25, 2018 | [Approved](#)

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- ▶ ANSI/NFPA 820-2020, Standard for Fire Protection in Wastewater Treatment and Collection Facilities (revision of ANSI/NFPA 820-2016)  
PINS Date: Apr 21, 2017 | Public Review Date: Feb 1, 2019 | Final Action Date: May 18, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 85-2023, Boiler and Combustion Systems Hazards Code (revision of ANSI/NFPA 85-2019)  
PINS Date: May 10, 2019 | Public Review Date: Sep 23, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 850-2020, Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations (revision of ANSI/NFPA 850-2015)  
PINS Date: Oct 13, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 853-2020, Standard for the Installation of Stationary Fuel Cell Power Systems (revision of ANSI/NFPA 853-2015)  
PINS Date: Oct 13, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 855-2023, Standard for the Installation of Stationary Energy Storage Systems (revision of ANSI/NFPA 855-2020)  
PINS Date: Oct 25, 2019 | Public Review Date: May 28, 2021 | Final Action Date: Sep 1, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 86-2023, Standard for Ovens and Furnaces (revision of ANSI/NFPA 86-2019)  
PINS Date: Nov 23, 2018 | Public Review Date: Feb 4, 2022 | Final Action Date: Sep 1, 2022 | [Approved](#)

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**NFPA (National Fire Protection Association)**

- ▶ ANSI/NFPA 87-2021, Standard for Fluid Heaters (revision of ANSI/NFPA 87-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Aug 7, 2020 | Final Action Date: Oct 25, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 88A-2023, Standard for Parking Structures (revision of ANSI/NFPA 88A-2019)  
PINS Date: Nov 23, 2018 | Public Review Date: Jan 21, 2022 | Final Action Date: Apr 9, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 901-2021, Standard Classifications for Incident Reporting and Fire Protection Data (revision of ANSI/NFPA 901-2016)  
PINS Date: Oct 13, 2017 | Public Review Date: Jul 31, 2020 | Final Action Date: Oct 25, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 909-2021, Code for the Protection of Cultural Resource Properties - Museums, Libraries, and Places of Worship (revision of ANSI/NFPA 909-2017)  
PINS Date: Jul 7, 2017 | Public Review Date: Jul 31, 2020 | Final Action Date: Nov 22, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 90A-2021, Standard for the Installation of Air-Conditioning and Ventilating Systems (revision of ANSI/NFPA 90A-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Jan 3, 2020 | Final Action Date: Jun 21, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 90B-2021, Standard for the Installation of Warm Air Heating and Air-Conditioning Systems (revision of ANSI/NFPA 90B-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Jan 3, 2020 | Final Action Date: Apr 4, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 91-2020, Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids (revision of ANSI/NFPA 91-2015)  
PINS Date: Oct 13, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 914-2023, Code for the Protection of Historic Structures (revision of ANSI/NFPA 914-2019)  
PINS Date: May 10, 2019 | Public Review Date: Sep 23, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)

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- ▶ ANSI/NFPA 92-2021, Standard for Smoke Control Systems (revision of ANSI/NFPA 92-2018)  
PINS Date: Jun 8, 2018 | Public Review Date: Aug 7, 2020 | Final Action Date: Oct 25, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 921-2021, Guide for Fire and Explosion Investigations (revision of ANSI/NFPA 921-2017)  
PINS Date: May 11, 2018 | Public Review Date: Jul 12, 2019 | Final Action Date: Apr 25, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 950-2020, Standard for Data Development and Exchange for the Fire Service (revision of ANSI/NFPA 950-2015)  
PINS Date: Oct 13, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 24, 2019 | [Approved](#)

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- ▶ ANSI/NFPA 951-2022, Guide to Building and Utilizing Digital Information (revision of ANSI/NFPA 951-2016)  
PINS Date: Dec 29, 2017 | Public Review Date: Jan 1, 2021 | Final Action Date: Apr 8, 2021 | [Approved](#)

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- ▶ ANSI/NFPA 96-2021, Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations (revision of ANSI/NFPA 96-2017)  
PINS Date: Jul 7, 2017 | Public Review Date: Mar 29, 2019 | Final Action Date: Apr 4, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 99-2021, Health Care Facilities Code (revision of ANSI/NFPA 99-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Jan 24, 2020 | Final Action Date: Aug 31, 2020 | [Approved](#)

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- ▶ ANSI/NFPA 99B-2021, Standard for Hypobaric Facilities (revision of ANSI/NFPA 99B-2018)  
PINS Date: Feb 23, 2018 | Public Review Date: Jan 17, 2020 | Final Action Date: Apr 4, 2020 | [Approved](#)

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**NFRC (National Fenestration Rating Council)**

6305 Ivy Lane, Suite 140, Greenbelt, MD 20770 | w: [www.nfrc.org](http://www.nfrc.org)

- ▶ ANSI/NFRC 100-2020 (E0A1), Procedure for Determining Fenestration Product U-factors (revision of ANSI/NFRC 100-2020 E0A0)  
PINS Date: Jul 30, 2021 | Public Review Date: Sep 10, 2021 | Final Action Date: Oct 28, 2021 | [Approved](#)
- ▶ ANSI/NFRC 100-2020 (E0A2), Procedure for Determining Fenestration Product U-factors (revision and redesignation of ANSI/NFRC 100-2020 (E0A1))  
Public Review Date: Oct 14, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)
- ▶ ANSI/NFRC 200-2020 (E0A1), Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence (revision of ANSI/NFRC 200-2020 [E0A0])  
PINS Date: Jul 30, 2021 | Public Review Date: Sep 10, 2021 | Final Action Date: Oct 28, 2021 | [Approved](#)
- ▶ ANSI/NFRC 200-2020 (E0A2), Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence (revision of ANSI/NFRC 200-2020 (E0A1))  
Public Review Date: Oct 14, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)
- ▶ ANSI/NFRC 202-2020 (E0A1), Procedure for determining Translucent Fenestration Product Visible Transmittance at Normal Incidence (revision of ANSI/NFRC 202-2020)  
PINS Date: Jul 30, 2021 | Public Review Date: Sep 10, 2021 | Final Action Date: Oct 28, 2021 | [Approved](#)
- ▶ ANSI/NFRC 202-2020 (E0A2), Procedure for Determining Translucent Fenestration Product Visible Transmittance at Normal Incidence (revision of ANSI/NFRC 202-2020 (E0A1))  
Public Review Date: Oct 14, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)
- ▶ ANSI/NFRC 203-2020 (EA01), Procedure for Determining Visible Transmittance of Tubular Daylighting Devices (revision of ANSI/NFRC 203-2020)  
PINS Date: Jul 30, 2021 | Public Review Date: Sep 10, 2021 | Final Action Date: Oct 28, 2021 | [Approved](#)
- ▶ ANSI/NFRC 400-2020 (EA01), Procedure for Determining Fenestration Product Air Leakage (revision of ANSI/NFRC 400-2020)  
PINS Date: Jul 30, 2021 | Public Review Date: Sep 10, 2021 | Final Action Date: Oct 28, 2021 | [Approved](#)
- ▶ ANSI/NFRC 500-2020 (EA01), Procedure for Determining Fenestration Product Condensation Index Ratings (revision of ANSI/NFRC 500-2020)  
PINS Date: Jul 30, 2021 | Public Review Date: Sep 10, 2021 | Final Action Date: Oct 28, 2021 | [Approved](#)

**NICA (National Infusion Center Association)**

3307 Northland Drive, Suite 160, Austin, TX 78731 | w: <https://infusioncenter.org/>

- ▶ ANSI/NICA V2-2022, Standards of Excellence for Ambulatory Infusion Centers (new standard)  
PINS Date: Mar 25, 2022 | Public Review Date: Sep 30, 2022 | Final Action Date: Dec 19, 2022 | [Approved](#)

**NIRMA (Nuclear Information and Records Management Association)**

245 Sunnyridge Avenue, #41, Fairfield, CT 06824 | w: [www.nirma.org](http://www.nirma.org)

- ▶ ANSI/NIRMA CM 1.0-2021, Guidelines for Configuration Management of Nuclear Facilities (revision of ANSI/NIRMA CM 1.0-2007 (R2015))  
PINS Date: Oct 11, 2019 | Public Review Date: Oct 2, 2020 | Final Action Date: Jun 1, 2021 | [Approved](#)

**NISO (National Information Standards Organization)**

3600 Clipper Mill Road, Suite 302, Baltimore, MD 21211 | w: [www.niso.org](http://www.niso.org)

- ▶ ANSI/NISO Z39.102-2022, STS: Standards Tag Suite (revision of ANSI/NISO Z39.102-2017)  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 21, 2022 | [Approved](#)
- ▶ ANSI/NISO Z39.104-2022, Contributor Roles Taxonomy (CRediT) (new standard)  
PINS Date: Jan 24, 2020 | Public Review Date: Sep 11, 2020 | Final Action Date: Jan 14, 2022 | [Approved](#)
- ▶ ANSI/NISO Z39.14-1997 (R2015), Guidelines for Abstracts (reaffirmation of ANSI/NISO Z39.14-1997 (R2009))  
Public Review Date: Oct 31, 2014 | Final Action Date: Jan 21, 2015 | [Approved](#)
- ▶ ANSI/NISO Z39.2-1994 (R2016), Information Interchange Format (reaffirmation of ANSI/NISO Z39.2-1994 (R2009))  
Public Review Date: Jan 15, 2016 | Final Action Date: Mar 24, 2016 | [Approved](#)
- ▶ ANSI/NISO Z39.23-1997 (S2015), Standard Technical Report Number Format and Creation (stabilized maintenance of ANSI/NISO Z39.23-1997 (R2009))  
Public Review Date: Oct 31, 2014 | Final Action Date: Mar 24, 2015 | [Approved](#)
- ▶ ANSI/NISO Z39.32-1996 (R2012), Information on Microfiche Headers (reaffirmation of ANSI/NISO Z39.32-1996 (R2002))  
Public Review Date: Dec 9, 2011 | Final Action Date: Feb 22, 2012 | [Approved](#)
- ▶ ANSI/NISO Z39.4-2021, Criteria for Indexes (new standard)  
PINS Date: Mar 29, 2019 | Public Review Date: May 14, 2021 | Final Action Date: Jul 12, 2021 | [Approved](#)
- ▶ ANSI/NISO Z39.41-1997 (S2015), Placement Guidelines for Information on Spines (stabilized maintenance of ANSI/NISO Z39.41-1997 (R2009))  
Public Review Date: Oct 31, 2014 | Final Action Date: Jan 22, 2015 | [Approved](#)
- ▶ ANSI/NISO Z39.43-1993 (R2017), Standard Address Number (SAN) for the Publishing Industry (reaffirmation of ANSI/NISO Z39.43-1993 (R2011))  
Public Review Date: Jan 6, 2017 | Final Action Date: Apr 3, 2017 | [Approved](#)
- ▶ ANSI/NISO Z39.50-2003 (S2014), Information Retrieval: Application Service Definition & Protocol Specification (stabilized maintenance of ANSI/NISO Z39.50-2003 (R2009))  
Public Review Date: Oct 31, 2014 | Final Action Date: Dec 23, 2014 | [Approved](#)
- ▶ ANSI/NISO Z39.7-2013, Information Services and Use: Metrics & Statistics for Libraries and Information Providers -- Data Dictionary (revision of ANSI/NISO Z39.7-2004)  
Public Review Date: Nov 2, 2012 | Final Action Date: Mar 26, 2013 | [Approved](#)
- ▶ ANSI/NISO Z39.71-2006 (R2011), Holdings Statements for Bibliographic Items (reaffirmation of ANSI/NISO Z39.71-2006)  
Public Review Date: Dec 10, 2010 | Final Action Date: Mar 15, 2011 | [Approved](#)
- ▶ ANSI/NISO Z39.73-1994 (R2012), Single-Tier Steel Bracket Library Shelving (reaffirmation of ANSI/NISO Z39.73-1994 (R2001))  
Public Review Date: Dec 9, 2011 | Final Action Date: Feb 22, 2012 | [Approved](#)
- ▶ ANSI/NISO Z39.74-1996 (R2012), Guides to Accompany Microform Sets (reaffirmation of ANSI/NISO Z39.74-1996 (R2002))  
Public Review Date: Dec 9, 2011 | Final Action Date: Feb 22, 2012 | [Approved](#)
- ▶ ANSI/NISO Z39.83-1-2012, NISO Circulation Interchange Part 1: Protocol (NCIP) (revision of ANSI/NISO Z39.83-1-2008)  
Public Review Date: May 25, 2012 | Final Action Date: Aug 9, 2012 | [Approved](#)

**NISO (National Information Standards Organization)**

- ▶ ANSI/NISO Z39.83-2-2012, NISO Circulation Interchange Protocol (NCIP) - Part 2: Implementation Profile 1 (revision of ANSI/NISO Z39.83-2-2008)  
Public Review Date: May 25, 2012 | Final Action Date: Aug 9, 2012 | [Approved](#)
- ▶ ANSI/NISO Z39.85-2012, The Dublin Core Metadata Element Set (revision of ANSI/NISO Z39.85-2007)  
PINS Date: Aug 10, 2012 | Public Review Date: Sep 7, 2012 | Final Action Date: Feb 20, 2013 | [Approved](#)
- ▶ ANSI/NISO Z39.86-2012, Specifications for the Digital Talking Book (reaffirmation of ANSI/NISO Z39.86-2005)  
Public Review Date: Feb 17, 2012 | Final Action Date: Apr 16, 2012 | [Approved](#)
- ▶ ANSI/NISO Z39.87-2006 (R2017), Data Dictionary - Technical Metadata for Digital Still Images (reaffirmation of ANSI/NISO Z39.87-2006 (R2011))  
Public Review Date: Jan 6, 2017 | Final Action Date: Apr 3, 2017 | [Approved](#)
- ▶ ANSI/NISO Z39.89-2003 (S2014), The U.S. National Z39.50 Profile for Library Applications (stabilized maintenance of ANSI/NISO Z39.89-2003 (R2009))  
Public Review Date: Oct 31, 2014 | Final Action Date: Dec 23, 2014 | [Approved](#)
- ▶ ANSI/NISO Z39.93-2014, Standardized Usage Statistics Harvesting Initiative (SUSHI) Protocol (revision of ANSI/NISO Z39.93-2013)  
PINS Date: Mar 7, 2014 | Public Review Date: Oct 10, 2014 | Final Action Date: Dec 5, 2014 | [Approved](#)
- ▶ ANSI/NISO Z39.96-2021, JATS: Journal Article Tag Suite (1.3) (revision of ANSI/NISO Z39.96-2019)  
Public Review Date: Apr 16, 2021 | Final Action Date: Jun 10, 2021 | [Approved](#)
- ▶ ANSI/NISO Z39.98-2012, Authoring and Interchange Framework for Adaptive XML Publishing Specification (new standard)  
PINS Date: Feb 17, 2012 | Public Review Date: May 4, 2012 | Final Action Date: Jul 9, 2012 | [Approved](#)
- ▶ ANSI/NISO Z39.99-2017, ResourceSync Framework Specification (revision of ANSI/NISO Z39.99-2014)  
PINS Date: May 13, 2016 | Public Review Date: Oct 7, 2016 | Final Action Date: Feb 2, 2017 | [Approved](#)
- ▶ ANSI/NISO/LBC Z39.78-2000 (R2018), Library Binding (reaffirmation of ANSI/NISO/LBI Z39.78-2000 (R2010))  
Public Review Date: Jan 19, 2018 | Final Action Date: Mar 16, 2018 | [Approved](#)

**NIST/ITL (National Institute of Standards and Technology/Information Technology Laboratory)**

100 Bureau Drive, Stop 8900, NIST, Gaithersburg, MD 20899-8900 | w: [www.nist.gov](http://www.nist.gov)

- ▶ ANSI/NIST-ITL 1-2011 Update:2015, Data Format for the Interchange of Fingerprint, Facial & Other Biometric Information (revision, redesignation and consolidation of ANSI/NIST-ITL 1-2011 Update:2013)  
PINS Date: Sep 26, 2014 | Public Review Date: Apr 1, 2016 | Final Action Date: Jul 14, 2016 | [Approved](#)

**NPPC (National Pork Producers Council)**

P.O. Box 10383, Des Moines, IA 50306 | w: [www.nppc.org](http://www.nppc.org)

- ▶ ANSI/GELPP 0001-2002 (R2021), Good Environmental Livestock Production Practices (GELPP) 0001-2002Concentrated Livestock Operations – General Site Conditions (reaffirmation of ANSI/GELPP 0001-2002 (R2012))  
PINS Date: Oct 14, 2016 | Public Review Date: Jan 10, 2020 | Final Action Date: Apr 26, 2021 | [Approved](#)
- ▶ ANSI/GELPP 0002-2002 (R2021), Good Environmental Livestock Production Practices (GELPP) 0002-2002Concentrated Livestock Operations – Production Areas (reaffirmation of ANSI/GELPP 0002-2002 (R2012))  
PINS Date: Oct 14, 2016 | Public Review Date: Jan 10, 2020 | Final Action Date: Apr 26, 2021 | [Approved](#)

**NPPC (National Pork Producers Council)**

- ▶ ANSI/GELPP 0003-2002 (R2021), Good Environmental Livestock Production Practices (GELPP) 0003-2002 - Concentrated Livestock Operations - Outdoor Manure and Storm Water Storage (reaffirmation of ANSI/GELPP 0003-2002 (R2012))  
PINS Date: Oct 14, 2016 | Public Review Date: Jan 10, 2020 | Final Action Date: Apr 21, 2021 | [Approved](#)
- ▶ ANSI/GELPP 0004-2002 (R2021), Good Environmental Livestock Production Practices (GELPP) 0004-2002 - Concentrated Livestock Operations - Manure Utilization (reaffirmation of ANSI/GELPP 0004-2002 (R2012))  
PINS Date: Oct 14, 2016 | Public Review Date: Jan 10, 2020 | Final Action Date: Apr 26, 2021 | [Approved](#)
- ▶ ANSI/GELPP 0005-2002 (R2021), Good Environmental Livestock Production Practices (GELPP) 0005-2002 (reaffirmation of ANSI/GELPP 0005-2002 (R2012))  
PINS Date: Oct 14, 2016 | Public Review Date: Jan 10, 2020 | Final Action Date: Apr 21, 2021 | [Approved](#)

**NSAA (ASC B77) (National Ski Areas Association)**

133 S Van Gordon Street, Suite 300, Lakewood, CO 80228

- ▶ ANSI B77.1-2022, for Passenger Ropeways- Aerial Tramways, Aerial Lifts, Surface Lifts, Tows and Conveyors - Safety Standard (revision of ANSI B77.1-2017)  
PINS Date: Mar 26, 2021 | Public Review Date: Mar 11, 2022 | Final Action Date: May 5, 2022 | [Approved](#)
- ▶ ANSI B77.2-2020, Standard for Funiculars - Safety Standard (revision of ANSI B77.2-2014)  
PINS Date: Jun 8, 2018 | Public Review Date: Aug 7, 2020 | Final Action Date: Sep 30, 2020 | [Approved](#)

**NSF (NSF International)**

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | w: [www.nsf.org](http://www.nsf.org)

- ▶ ANSI/NSC 373-2017 (i1r1), Sustainable Production of Natural Dimension Stone (revision and redesignation of ANSI/NSC 373-2014 (i2r1))  
Public Review Date: Feb 17, 2017 | Final Action Date: Aug 8, 2017 | [Approved](#)
- ▶ ANSI/NSC 373-2019 (i3r1), Sustainability Assessment for Natural Dimension Stone (revision of ANSI/NSC 373-2017)  
Public Review Date: Dec 21, 2018 | Final Action Date: Feb 4, 2019 | [Approved](#)
- ▶ ANSI/NSC 373-2019 (i4r1), Sustainability Assessment Natural Dimension Stone (revision of ANSI/NSC 373-2017)  
Public Review Date: Jun 28, 2019 | Final Action Date: Aug 12, 2019 | [Approved](#)
- ▶ ANSI/NSC 373-2019 (i5r1), Sustainability Assessment Natural Dimension Stone (revision of ANSI/NSC 373-2017)  
Public Review Date: Jun 28, 2019 | Final Action Date: Jul 28, 2019 | [Approved](#)
- ▶ ANSI/NSF 12-2017 (i11r1), Automatic Ice Making Equipment (revision of ANSI/NSF 12-2012)  
Public Review Date: May 26, 2017 | Final Action Date: Jun 28, 2017 | [Approved](#)
- ▶ ANSI/NSF 12-2018 (i9r1), Automatic Ice Making Equipment (revision of ANSI/NSF 12-2017)  
Public Review Date: Sep 14, 2018 | Final Action Date: Oct 14, 2018 | [Approved](#)
- ▶ ANSI/NSF 13-2017 (i6r2), Refuse Processors and Processing Systems (revision of ANSI/NSF 13-2012)  
Public Review Date: Apr 21, 2017 | Final Action Date: May 25, 2017 | [Approved](#)
- ▶ ANSI/NSF 13-2020 (i7r1), NSF 13 - Refuse Processors and Processing Systems (revision of ANSI/NSF 13-2017)  
Public Review Date: Apr 26, 2019 | Final Action Date: Sep 8, 2020 | [Approved](#)
- ▶ ANSI/NSF 14-2014 (i40r3), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2013)  
Public Review Date: Feb 28, 2014 | Final Action Date: Oct 10, 2014 | [Approved](#)

**NSF (NSF International)**

- ▶ ANSI/NSF 14-2014 (i40r4), Plastic Piping System Components and Related Materials (revision of ANSI/NSF 14-2013)  
Public Review Date: Aug 8, 2014 | Final Action Date: Oct 10, 2014 | [Approved](#)

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- ▶ ANSI/NSF 14-2014 (i55r1), Plastics piping system components and related materials (revision of ANSI/NSF 14-2014)  
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- ▶ ANSI/NSF 14-2014 (i64r1), Plastics piping system components and related materials (revision of ANSI/NSF 14-2014)  
Public Review Date: Oct 31, 2014 | Final Action Date: Dec 11, 2014 | [Approved](#)

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- ▶ ANSI/NSF 14-2014 (i68r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2014)  
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- ▶ ANSI/NSF 14-2015 (i65r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2014)  
Public Review Date: Nov 7, 2014 | Final Action Date: Jan 27, 2015 | [Approved](#)

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- ▶ ANSI/NSF 14-2015 (i67r1), Plastics piping system components and related materials (revision of ANSI/NSF 14-2014)  
Public Review Date: Jan 16, 2015 | Final Action Date: Feb 15, 2015 | [Approved](#)

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- ▶ ANSI/NSF 14-2015 (i69r1), Plastics piping system components and related materials (revision of ANSI/NSF 14-2014)  
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- ▶ ANSI/NSF 14-2015 (i70r1), Plastics piping system components and related materials (revision of ANSI/NSF 14-2014)  
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- ▶ ANSI/NSF 14-2015 (i71r1), Plastic Piping System Components and Related Materials (revision of ANSI/NSF 14-2015)  
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- ▶ ANSI/NSF 14-2016 (i72r1), NSF/ANSI 14 - Plastics piping system components and related materials (revision of ANSI/NSF 14-2015)  
Public Review Date: Jun 3, 2016 | Final Action Date: Jul 1, 2016 | [Approved](#)

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- ▶ ANSI/NSF 14-2016 (i73r1), NSF/ANSI 14 - Plastics piping system components and related materials (revision of ANSI/NSF 14-2015)  
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- ▶ ANSI/NSF 14-2016 (i74r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2015)  
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- ▶ ANSI/NSF 14-2016 (i75r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2015)  
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- ▶ ANSI/NSF 14-2016 (i76r1), NSF 14 Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2015)  
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- ▶ ANSI/NSF 14-2016 (i77r2), NSF/ANSI 14 - Plastics piping system components and related materials (revision of ANSI/NSF 14-2015)  
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- ▶ ANSI/NSF 14-2016 (i79r1), NSF 14 - 2014 Plastics piping system components and related materials (revision of ANSI/NSF 14-2014, BSR/NSF 14-201x (i79r1))  
Public Review Date: Jun 24, 2016 | Final Action Date: Aug 26, 2016 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF 14-2016 (i79r2), NSF 14 - 2014 Plastics piping system components and related materials (revision of ANSI/NSF 14-2014)  
Public Review Date: Aug 5, 2016 | Final Action Date: Sep 4, 2016 | [Approved](#)

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- ▶ ANSI/NSF 14-2016 (i80r1), Plastics piping system components and related materials (revision of ANSI/NSF 14-2015)  
Public Review Date: Jul 8, 2016 | Final Action Date: Aug 22, 2016 | [Approved](#)

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- ▶ ANSI/NSF 14-2016 (i81r1), NSF/ANSI 14: Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2016)  
Public Review Date: Oct 28, 2016 | Final Action Date: Nov 29, 2016 | [Approved](#)

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- ▶ ANSI/NSF 14-2017 (i78r1), Plastics piping system components and related materials (revision of ANSI/NSF 14-2015)  
Public Review Date: Jul 29, 2016 | Final Action Date: Feb 28, 2017 | [Approved](#)

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- ▶ ANSI/NSF 14-2017 (i82r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2007 (i17))  
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- ▶ ANSI/NSF 14-2017 (i83r1), NSF/ANSI 14: Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2016a)  
Public Review Date: May 19, 2017 | Final Action Date: Jun 18, 2017 | [Approved](#)

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- ▶ ANSI/NSF 14-2017 (i85r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2016a)  
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- ▶ ANSI/NSF 14-2017 (i87r1), NSF/ANSI 14 - Plastics piping system components and related materials (revision of ANSI/NSF 14-2016)  
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- ▶ ANSI/NSF 14-2017 (i92r1), NSF 14 Plastics Piping System Components and Related Materials-2016 (revision of ANSI/NSF 14-2016)  
Public Review Date: Nov 17, 2017 | Final Action Date: Dec 20, 2017 | [Approved](#)

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- ▶ ANSI/NSF 14-2017 (i96r1), NSF 14 - Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2017)  
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- ▶ ANSI/NSF 14-2018 (i100r1), NSF 14 - Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2017)  
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- ▶ ANSI/NSF 14-2018 (i86r1), NSF 14 - Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2016)  
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- ▶ ANSI/NSF 14-2018 (i88r1), NSF 14 - Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2016)  
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- ▶ ANSI/NSF 14-2018 (i89r1), NSF 14-Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2016)  
Public Review Date: Dec 29, 2017 | Final Action Date: Feb 2, 2018 | [Approved](#)

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- ▶ ANSI/NSF 14-2018 (i90r1), NSF 14-Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2016)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 14-2018 (i91r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2016)  
Public Review Date: Feb 9, 2018 | Final Action Date: Mar 11, 2018 | [Approved](#)

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- ▶ ANSI/NSF 14-2018 (i93r1), NSF 14 Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2017)  
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- ▶ ANSI/NSF 14-2018 (i94r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2017)  
Public Review Date: May 11, 2018 | Final Action Date: Jul 28, 2018 | [Approved](#)

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- ▶ ANSI/NSF 14-2018 (i95r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2016)  
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- ▶ ANSI/NSF 14-2018 (i97r2), NSF 14 - Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2017)  
Public Review Date: Jun 29, 2018 | Final Action Date: Aug 31, 2018 | [Approved](#)

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- ▶ ANSI/NSF 14-2018 (i97r3), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2017)  
Public Review Date: Jul 20, 2018 | Final Action Date: Aug 31, 2018 | [Approved](#)

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- ▶ ANSI/NSF 14-2018 (i99r2), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2017)  
Public Review Date: Aug 17, 2018 | Final Action Date: Oct 1, 2018 | [Approved](#)

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- ▶ ANSI/NSF 14-2019 (i101r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2018)  
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- ▶ ANSI/NSF 14-2019 (i102r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2018)  
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- ▶ ANSI/NSF 14-2019 (i103r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2018)  
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- ▶ ANSI/NSF 14-2019 (i104r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2018)  
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- ▶ ANSI/NSF 14-2019 (i105r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2018)  
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- ▶ ANSI/NSF 14-2019 (i106r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2018)  
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- ▶ ANSI/NSF 14-2020 (i107r3), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2019)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 14-2020 (i108r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2019)

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- ▶ ANSI/NSF 14-2020 (i109r2), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2019)

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- ▶ ANSI/NSF 14-2020 (i110r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2019)

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- ▶ ANSI/NSF 14-2021 (i111r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020)

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- ▶ ANSI/NSF 14-2021 (i112r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020)

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- ▶ ANSI/NSF 14-2021 (i113r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020)

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- ▶ ANSI/NSF 14-2021 (i114r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020)

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- ▶ ANSI/NSF 14-2021 (i115r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020)

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- ▶ ANSI/NSF 14-2021 (i116r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020)

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- ▶ ANSI/NSF 14-2021 (i117r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020)

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- ▶ ANSI/NSF 14-2021 (i118r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020)

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- ▶ ANSI/NSF 14-2021 (i120r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020)

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- ▶ ANSI/NSF 14-2021 (i121r1), NSF 14 - Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020)

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- ▶ ANSI/NSF 14-2021 (i122r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020)

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**NSF (NSF International)**

- ▶ ANSI/NSF 14-2022 (i119r3), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2021)

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- ▶ ANSI/NSF 14-2022 (i123r2), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020)

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- ▶ ANSI/NSF 14-2022 (i124r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020)

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- ▶ ANSI/NSF 14-2022 (i125r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2021)

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- ▶ ANSI/NSF 14-2022 (i126r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2021)

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- ▶ ANSI/NSF 140-2015 (i26r4), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2013)

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- ▶ ANSI/NSF 140-2019 (i27r2), Sustainability Assessment for Carpet (revision of BSR/NSF 140-201x (i27r1))

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- ▶ ANSI/NSF 140-2019 (i28r1), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2015)

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- ▶ ANSI/NSF 140-2019 (i29r1), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2015)

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- ▶ ANSI/NSF 14159-1-2019 (i7r1), NSF 14159-1: Hygiene Requirements for the Design of Meat and Poultry Processing Equipment (revision of ANSI/NSF 3-A 14159-1-2014)

Public Review Date: Mar 1, 2019 | Final Action Date: Mar 31, 2019 | [Approved](#)

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- ▶ ANSI/NSF 14159-2-2019 (i7r1), NSF 14159-2: Hygiene Requirements for the Design of Hand Held Tools Used in Meat and Poultry Processing (revision of ANSI/NSF 3-A 14159-2-014)

Public Review Date: Mar 1, 2019 | Final Action Date: Mar 31, 2019 | [Approved](#)

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- ▶ ANSI/NSF 14159-3-2019 (i7r1), NSF 14159-3: Hygiene Requirements for the Design of Mechanical Belt Conveyors Used in Meat and Poultry Processing (revision of ANSI/NSF 3-A 14159-3-2014)

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- ▶ ANSI/NSF 169-2016 (i7r2), NSF 169-12 Special Purpose Food Equipment and Devices (revision of ANSI/NSF 169-2012)

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- ▶ ANSI/NSF 169-2020 (i10r1), NSF 169 - Special Purpose Food Equipment and Devices (revision of ANSI/NSF 169-2016)

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- ▶ ANSI/NSF 169-2020 (i9r1), NSF 169 - Special Purpose Food Equipment and Devices (revision of ANSI/NSF 169-2016)

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**NSF (NSF International)**

- ▶ ANSI/NSF 170-2015 (i16r2), Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2011)  
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- ▶ ANSI/NSF 170-2015 (i17r2), Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2014)  
Public Review Date: Oct 9, 2015 | Final Action Date: Nov 10, 2015 | [Approved](#)

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- ▶ ANSI/NSF 170-2015 (i18r3), Glossary of food equipment technology (revision of ANSI/NSF 170-2014)  
Public Review Date: Nov 20, 2015 | Final Action Date: Dec 20, 2015 | [Approved](#)

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- ▶ ANSI/NSF 170-2017 (i19r1), Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2015)  
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- ▶ ANSI/NSF 170-2017 (i20r1), NSF/ANSI 170 Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2017)  
Public Review Date: Sep 15, 2017 | Final Action Date: Oct 15, 2017 | [Approved](#)

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- ▶ ANSI/NSF 170-2019 (i21r6), NSF 170: Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2017)  
Public Review Date: Feb 1, 2019 | Final Action Date: Mar 11, 2019 | [Approved](#)

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- ▶ ANSI/NSF 170-2019 (i22r1), NSF 170 - Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2017)  
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- ▶ ANSI/NSF 170-2019 (i24r2), NSF 170 - Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2017)  
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- ▶ ANSI/NSF 170-2019 (i25r4), NSF 170 - Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2017)  
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- ▶ ANSI/NSF 170-2019 (i26r1), NSF 170 - Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2017)  
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- ▶ ANSI/NSF 170-2019 (i27r1), NSF 170 - Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2017)  
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- ▶ ANSI/NSF 170-2021 (i28r4), NSF 170 - Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2019)  
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- ▶ ANSI/NSF 170-2021 (i32r1), Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2019)  
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- ▶ ANSI/NSF 170-2022 (i23r2), Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2021)  
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- ▶ ANSI/NSF 170-2022 (i30r3), Glossary of Food Equipment Terminology (revision of BSR/NSF 170-2021)  
Public Review Date: Nov 26, 2021 | Final Action Date: Jun 1, 2022 | [Approved](#)

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- ▶ ANSI/NSF 173-2015 (i50r3), Dietary Supplements (revision of ANSI/NSF 173-2013 (i48))  
Public Review Date: Oct 23, 2015 | Final Action Date: Dec 28, 2015 | [Approved](#)

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- ▶ ANSI/NSF 173-2015 (i57r1), Dietary Supplements (revision of ANSI/NSF 173-2012)  
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- ▶ ANSI/NSF 173-2015 (i58r1), Dietary Supplements (revision of ANSI/NSF 173-2012)  
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- ▶ ANSI/NSF 173-2016 (i49r1), Dietary Supplements (revision of ANSI/NSF 173-2013)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 173-2016 (i51r2), Dietary Supplements (revision of ANSI/NSF 173-2012)  
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- ▶ ANSI/NSF 173-2016 (i54r1), Dietary Supplements (revision of ANSI/NSF 173-2013)  
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- ▶ ANSI/NSF 173-2016 (i60r1), Dietary Supplements (revision of ANSI/NSF 173-2013)  
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- ▶ ANSI/NSF 173-2017 (i63r2), NSF 173-2016 Dietary Supplements (revision of BSR/NSF 173-201x (i63r2))  
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- ▶ ANSI/NSF 173-2017 (i64r2), NSF 173-2016 Dietary Supplements (revision of ANSI/NSF 173-2016)  
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- ▶ ANSI/NSF 173-2017 (i69r1), Dietary Supplements (revision of ANSI/NSF 173-2016)  
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- ▶ ANSI/NSF 173-2017 (i71r1), NSF/ANSI 173 - Dietary Supplements (revision of ANSI/NSF 173-2016)  
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- ▶ ANSI/NSF 173-2017 (i74r1), NSF 173-2016 Dietary Supplements (revision of ANSI/NSF 173-2016)  
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- ▶ ANSI/NSF 173-2018 (i61r1), NSF 173-2016 Dietary Supplements (revision of ANSI/NSF 173-2016)  
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- ▶ ANSI/NSF 173-2018 (i72r1), NSF 173-2016 Dietary Supplements (revision of ANSI/NSF 173-2016)  
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- ▶ ANSI/NSF 173-2018 (i78r1), NSF 173 - Dietary Supplements (revision of ANSI/NSF 173-2017)  
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- ▶ ANSI/NSF 173-2018 (i79r1), NSF 173 - Dietary Supplements (revision of ANSI/NSF 173-2017)  
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- ▶ ANSI/NSF 173-2018 (i80r1), NSF 173 - Dietary Supplements (revision of ANSI/NSF 173-2017)  
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- ▶ ANSI/NSF 173-2018 (i83r1), NSF 173 - Dietary Supplements (revision of ANSI/NSF 173-2017)  
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- ▶ ANSI/NSF 173-2019 (i81r3), NSF 173 - Dietary Supplements (revision of ANSI/NSF 173-2018)  
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- ▶ ANSI/NSF 173-2019 (i84r1), Dietary Supplements (revision of ANSI/NSF 173-2018)  
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- ▶ ANSI/NSF 173-2019 (i86r1), NSF 173 - Dietary Supplements (revision of ANSI/NSF 173-2017)  
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- ▶ ANSI/NSF 173-2020 (i62r1), NSF 173 - Dietary Supplements (revision of ANSI/NSF 173-2019)  
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- ▶ ANSI/NSF 173-2020 (i67r1), NSF 173-2020: Dietary Supplements (revision of ANSI/NSF 173-2019)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 173-2020 (i68r2), NSF 173-2020: Dietary Supplements (revision of BSR/NSF 173-202x (i68r1))  
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- ▶ ANSI/NSF 173-2020 (i88r2), NSF 173 - Dietary Supplements (revision of ANSI/NSF 173-2019)  
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- ▶ ANSI/NSF 173-2020 (i89r1), NSF 173 Dietary Supplements (revision of ANSI/NSF 173-2019)  
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- ▶ ANSI/NSF 173-2020 (i90r2), NSF 173 - Dietary Supplements (revision of ANSI/NSF 173-2019)  
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- ▶ ANSI/NSF 173-2021 (i82r4), Dietary Supplements (revision of ANSI/NSF 173-2020)  
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- ▶ ANSI/NSF 173-2021 (i93r1), Dietary Supplements (revision of ANSI/NSF 173-2020)  
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- ▶ ANSI/NSF 173-2021 (i94r1), Dietary Supplements (revision of ANSI/NSF 173-2020)  
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- ▶ ANSI/NSF 173-2022 (i101r1), Dietary Supplements (revision of ANSI/NSF 173-2021)  
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- ▶ ANSI/NSF 173-2022 (i103r1), Dietary Supplements (revision of ANSI/NSF 173-2021)  
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- ▶ ANSI/NSF 173-2022 (i91r1), Dietary Supplements (revision of ANSI/NSF 173-2021)  
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- ▶ ANSI/NSF 173-2022 (i92r2), Dietary Supplements (revision of ANSI/NSF 173-2021)  
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- ▶ ANSI/NSF 173-2022 (i95r2), Dietary Supplements (revision of ANSI/NSF 173-2021)  
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- ▶ ANSI/NSF 173-2022 (i97r1), Dietary Supplements (revision of ANSI/NSF 173-2021)  
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- ▶ ANSI/NSF 173-2022 (i98r2), Dietary Supplements (revision of ANSI/NSF 173-2021)  
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- ▶ ANSI/NSF 173-2022 (i99r1), Dietary Supplements (revision of ANSI/NSF 173-2021)  
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- ▶ ANSI/NSF 173-2023 (i102r1), Dietary Supplements (revision of ANSI/NSF 173-2021)  
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- ▶ ANSI/NSF 173-2023 (i66r1), Dietary Supplements (revision of ANSI/NSF 173-2021)  
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- ▶ ANSI/NSF 177-2014 (i5r1), Shower Filtration Systems - Aesthetic Effects (new standard)  
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- ▶ ANSI/NSF 177-2019 (i8r1), NSF 177 - Shower Filtration Systems – Aesthetic Effects (revision of ANSI/NSF 177-2014)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 177-2022 (i12r1), Shower Filtration Systems – Aesthetic Effects (revision of ANSI/NSF 177-2019)  
Public Review Date: Aug 19, 2022 | Final Action Date: Oct 3, 2022 | [Approved](#)

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- ▶ ANSI/NSF 177-2023 (i13r1), Shower Filtration Systems - Aesthetic Effects (revision of ANSI/NSF 177-2019)  
Public Review Date: Dec 16, 2022 | Final Action Date: Jan 18, 2023 | [Approved](#)

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- ▶ ANSI/NSF 18-2016 (i14r1), Manual Food and Beverage Dispensing Equipment (revision of ANSI/NSF 18-2012)  
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- ▶ ANSI/NSF 18-2020 (i15r1), NSF 18 - Manual Food and Beverage Dispensing Equipment (revision of ANSI/NSF 8-2016)  
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- ▶ ANSI/NSF 18-2020 (i17r1), Manual Food and Beverage Dispensing Equipment (revision of ANSI/NSF 18-2016)  
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- ▶ ANSI/NSF 18-2020 (i18r1), NSF 18-2020: Manual Food and Beverage Dispensing Equipment (revision of ANSI/NSF 18-2016)  
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- ▶ ANSI/NSF 18-2021 (i19r2), Manual Food and Beverage Dispensing Equipment (revision of ANSI/NSF 18-2016)  
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- ▶ ANSI/NSF 18-2022 (i20r1), Manual Food and Beverage Dispensing Equipment (revision of ANSI/NSF 18-2020)  
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- ▶ ANSI/NSF 18-2022 (i21r1), Manual Food and Beverage Dispensing Equipment (revision of ANSI/NSF 18-2020)  
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- ▶ ANSI/NSF 184-2014 (i5r1), Residential Dishwashers (revision of ANSI/NSF 184-2010)  
Public Review Date: Oct 10, 2014 | Final Action Date: Nov 12, 2014 | [Approved](#)

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- ▶ ANSI/NSF 184-2019 (i11r2), NSF 184 - Residential Dishwashers (revision of ANSI/NSF 184-2014)  
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- ▶ ANSI/NSF 2-2015 (i24r2), Food Equipment (revision of ANSI/NSF 2-2014)  
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- ▶ ANSI/NSF 2-2016 (i23r2), Food Equipment (revision of ANSI/NSF 2-2012)  
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- ▶ ANSI/NSF 2-2016 (i25r2), Food Equipment (revision of ANSI/NSF 2-2012)  
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- ▶ ANSI/NSF 2-2018 (i26r2), NSF 2 - Food Equipment (revision of ANSI/NSF 2-2016)  
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- ▶ ANSI/NSF 2-2018 (i27r1), Food Equipment (revision of ANSI/NSF 2-2015)  
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- ▶ ANSI/NSF 2-2018 (i28r1), Food Equipment (revision of ANSI/NSF 2-2016)  
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- ▶ ANSI/NSF 2-2018 (i29r1), NSF 2 - Food Equipment (revision of ANSI/NSF 2-2016)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 2-2019 (i33r1), NSF 2 - Food Equipment (revision of ANSI/NSF 2-2018)  
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- ▶ ANSI/NSF 2-2019 (i34r3), NSF 2 - Food Equipment (revision of ANSI/NSF 2-2018)  
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- ▶ ANSI/NSF 2-2019 (i35r1), NSF 2 - Food Equipment (revision of ANSI/NSF 2-2018)  
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- ▶ ANSI/NSF 2-2021 (i38r2), Food Equipment (revision of ANSI/NSF 2-2019)  
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- ▶ ANSI/NSF 2-2021 (i41r2), Food Equipment (revision of ANSI/NSF 2-2019)  
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- ▶ ANSI/NSF 2-2022 (i32r3), Food Equipment (revision of ANSI/NSF 2-2019)  
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- ▶ ANSI/NSF 2-2022 (i42r2), Food Equipment (revision of ANSI/NSF 2-2019)  
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- ▶ ANSI/NSF 2-2022 (i43r2), Food Equipment (revision of ANSI/NSF 2021)  
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- ▶ ANSI/NSF 20-2016 (i6r1), Commercial Bulk Milk Dispensing Equipment (revision of ANSI/NSF 20-2007 (i3))  
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- ▶ ANSI/NSF 20-2020 (i7r1), NSF 20 - Commercial Bulk Milk Dispensing Equipment (revision of ANSI/NSF 20-2016)  
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- ▶ ANSI/NSF 21-2015 (i6r3), Thermoplastic Refuse Containers (revision of ANSI/NSF 21-2012)  
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- ▶ ANSI/NSF 21-2019 (i8r1), NSF 21 - Thermoplastic Refuse Containers (revision of ANSI/NSF 21-2015)  
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- ▶ ANSI/NSF 21-2022 (i10r1), Thermoplastic Refuse Containers (revision of ANSI/NSF 21-2019)  
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- ▶ ANSI/NSF 21-2022 (i9r1), Thermoplastic Refuse Containers (revision of ANSI/NSF 21-2019)  
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- ▶ ANSI/NSF 223-2015 (i5r1), Conformity Assessment Requirements for Certification Bodies that Certify Products Pursuant to NSF/ANSI 60-Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF 223-2013)  
Public Review Date: May 8, 2015 | Final Action Date: Jun 9, 2015 | [Approved](#)

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- ▶ ANSI/NSF 223-2020 (i6r1), NSF 223 - Conformity Assessment Requirements for Certification Bodies that Certify Products Pursuant to NSF/ANSI 60 Drinking Water Treatment Chemicals – Health Effects (revision of ANSI/NSF 223-2015)  
Public Review Date: Mar 20, 2020 | Final Action Date: Apr 24, 2020 | [Approved](#)

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- ▶ ANSI/NSF 24-2014 (i8r1), Plumbing System Components for Recreational Vehicles (revision of ANSI/NSF 24-2010)  
Public Review Date: Oct 3, 2014 | Final Action Date: Nov 18, 2014 | [Approved](#)

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- ▶ ANSI/NSF 24-2015 (i10r2), Plumbing system components for recreational vehicles (revision of ANSI/NSF 24-2010)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 24-2020 (i11r1), NSF 24 - Plumbing System Components for Recreational Vehicles (revision of ANSI/NSF 24-2016)  
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- ▶ ANSI/NSF 240-2011 (R2017) (i2r1), Drainfield Trench Product Sizing for Gravity Dispersal Onsite Wastewater Treatment and Dispersal Systems (reaffirmation of ANSI/NSF 240-2011)  
Public Review Date: Jul 15, 2016 | Final Action Date: Jan 25, 2017 | [Approved](#)

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- ▶ ANSI/NSF 244-2018 (i1r15), Supplemental Microbiological Water Treatment Systems - Filtration (new standard)  
PINS Date: Aug 1, 2003 | Public Review Date: Mar 9, 2018 | Final Action Date: Apr 23, 2018 | [Approved](#)

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- ▶ ANSI/NSF 244-2018 (i2r1), NSF 244 - Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2018)  
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- ▶ ANSI/NSF 244-2019 (i4r11), NSF 244 - Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2018A)  
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- ▶ ANSI/NSF 244-2019 (i5r1), Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2018)  
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- ▶ ANSI/NSF 244-2020 (i10r2), NSF/ANSI 244-2020: Supplemental Microbiological Water Treatment Systems – Filtration (revision of ANSI/NSF 244-2019)  
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- ▶ ANSI/NSF 244-2020 (i11r1), Supplemental Microbiological Water Treatment Systems – Filtration (revision of ANSI/NSF 244-2019)  
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- ▶ ANSI/NSF 244-2020 (i8r1), NSF 244 - Supplemental Microbiological Water Treatment Systems – Filtration (revision of ANSI/NSF 244-2019)  
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- ▶ ANSI/NSF 244-2020 (i9r1), NSF 244 - Supplemental Microbiological Water Treatment Systems – Filtration (revision of ANSI/NSF 244-2019)  
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- ▶ ANSI/NSF 244-2021 (i12r1), Supplemental Microbiological Water Treatment Systems – Filtration (revision of ANSI/NSF 244-2019)  
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- ▶ ANSI/NSF 244-2021 (i17r1), Supplemental Microbiological Water Treatment Systems – Filtration (revision of ANSI/NSF 244-2020)  
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- ▶ ANSI/NSF 244-2021 (i6r1), Supplemental Microbiological Water Treatment Systems – Filtration (revision of ANSI/NSF 244-2019)  
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- ▶ ANSI/NSF 244-2022 (i14r1), Supplemental Microbiological Water Treatment Systems – Filtration (revision of ANSI/NSF 244-2021)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 244-2022 (i15r2), Supplemental Microbiological Water Treatment Systems – Filtration (revision of ANSI/NSF 244-2021)  
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- ▶ ANSI/NSF 244-2022 (i18r1), Supplemental Microbiological Water Treatment Systems – Filtration (revision of ANSI/NSF 244-2021)  
Public Review Date: Aug 19, 2022 | Final Action Date: Oct 3, 2022 | [Approved](#)

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- ▶ ANSI/NSF 244-2022 (i19r1), Supplemental Microbiological Water Treatment Systems – Filtration (revision of ANSI/NSF 244-2021)  
Public Review Date: Aug 26, 2022 | Final Action Date: Sep 30, 2022 | [Approved](#)

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- ▶ ANSI/NSF 244-2022 (i20r2), Supplemental Microbiological Water Treatment Systems -Filtration (revision of ANSI/NSF 244-2021)  
Public Review Date: Oct 14, 2022 | Final Action Date: Nov 15, 2022 | [Approved](#)

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- ▶ ANSI/NSF 244-2022 (i21r1), Supplemental Microbiological Water Treatment Systems -Filtration (revision of ANSI/NSF 244-2021)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 7, 2022 | [Approved](#)

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- ▶ ANSI/NSF 245-2018 (i12r2), NSF 245 - Wastewater treatment systems - Nitrogen reduction (revision of ANSI/NSF 245-2013)  
Public Review Date: Dec 22, 2017 | Final Action Date: Jan 26, 2018 | [Approved](#)

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- ▶ ANSI/NSF 245-2018 (i13r1), Wastewater Treatment Systems Nitrogen Reduction (revision and redesignation of ANSI/NSF 245-2010 (i4))  
Public Review Date: Mar 16, 2018 | Final Action Date: Apr 15, 2018 | [Approved](#)

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- ▶ ANSI/NSF 245-2018 (i14r1), Wastewater Treatment Systems Nitrogen Reduction (revision of ANSI/NSF 245-2013)  
Public Review Date: Mar 16, 2018 | Final Action Date: Apr 16, 2018 | [Approved](#)

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- ▶ ANSI/NSF 245-2019 (i15r1), Residential Wastewater Treatment Systems – Nitrogen Reduction (revision of ANSI/NSF 245-2018)  
Public Review Date: Apr 12, 2019 | Final Action Date: May 30, 2019 | [Approved](#)

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- ▶ ANSI/NSF 245-2019 (i16r1), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2018)  
Public Review Date: Apr 19, 2019 | Final Action Date: Jun 4, 2019 | [Approved](#)

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- ▶ ANSI/NSF 245-2020 (i17r3), Residential Wastewater Treatment Systems – Nitrogen Reduction (revision of ANSI/NSF 245-2018)  
Public Review Date: Mar 27, 2020 | Final Action Date: Dec 17, 2020 | [Approved](#)

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- ▶ ANSI/NSF 245-2020 (i20r1), Residential Wastewater Treatment Systems – Nitrogen Reduction (revision of ANSI/NSF 245-2019)  
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- ▶ ANSI/NSF 245-2020 (i21r1), Residential Wastewater Treatment Systems – Nitrogen Reduction (revision of ANSI/NSF 245-2019)  
Public Review Date: Oct 9, 2020 | Final Action Date: Nov 24, 2020 | [Approved](#)

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- ▶ ANSI/NSF 245-2020 (i24r1), NSF 245 - Residential Wastewater Treatment Systems – Nitrogen Reduction (revision of ANSI/NSF 245-2019)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 245-2021 (i18r1), NSF 245 Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2018)  
Public Review Date: Jan 31, 2020 | Final Action Date: Jan 4, 2021 | [Approved](#)

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- ▶ ANSI/NSF 245-2021 (i19r7), NSF 245 - Residential Wastewater Treatment Systems – Nitrogen Reduction (revision of ANSI/NSF 245-2019)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 2, 2021 | [Approved](#)

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- ▶ ANSI/NSF 245-2022 (i26r2), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2020)  
Public Review Date: May 20, 2022 | Final Action Date: Jun 24, 2022 | [Approved](#)

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- ▶ ANSI/NSF 245-2022 (i28r1), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2020)  
Public Review Date: Mar 25, 2022 | Final Action Date: Apr 24, 2022 | [Approved](#)

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- ▶ ANSI/NSF 245-2022 (i29r2), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2020)  
Public Review Date: Jul 1, 2022 | Final Action Date: Aug 5, 2022 | [Approved](#)

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- ▶ ANSI/NSF 245-2022 (i30r1), Residential Wastewater Treatment Systems – Nitrogen Reduction (revision of ANSI/NSF 245-2020)  
Public Review Date: Jun 10, 2022 | Final Action Date: Aug 29, 2022 | [Approved](#)

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- ▶ ANSI/NSF 245-2022 (i31r1), Residential Wastewater Treatment Systems – Nitrogen Reduction (revision of ANSI/NSF 245-2020)  
Public Review Date: Jun 24, 2022 | Final Action Date: Sep 5, 2022 | [Approved](#)

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- ▶ ANSI/NSF 245-2022 (i33r2), Residential Wastewater Treatment Systems – Nitrogen Reduction (revision of ANSI/NSF 245-2020)  
Public Review Date: Aug 26, 2022 | Final Action Date: Oct 5, 2022 | [Approved](#)

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- ▶ ANSI/NSF 25-2017 (i11r1), Vending Machines for Food and Beverages (revision of ANSI/NSF 25-2012)  
Public Review Date: Apr 7, 2017 | Final Action Date: May 7, 2017 | [Approved](#)

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- ▶ ANSI/NSF 25-2021 (i12r1), Vending Machines for Food and Beverages (revision of ANSI/NSF 25-2017)  
Public Review Date: Apr 26, 2019 | Final Action Date: Mar 16, 2021 | [Approved](#)

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- ▶ ANSI/NSF 25-2021 (i13r1), Vending Machines for Food and Beverages (revision of ANSI/NSF 25-2017)  
Public Review Date: Sep 18, 2020 | Final Action Date: Feb 1, 2021 | [Approved](#)

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- ▶ ANSI/NSF 25-2021 (i15r1), Vending Machines for Food and Beverages (revision of ANSI/NSF 25-2017)  
Public Review Date: Jan 22, 2021 | Final Action Date: Mar 8, 2021 | [Approved](#)

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- ▶ ANSI/NSF 25-2021 (i19r1), Vending Machines for Food and Beverages (revision of ANSI/NSF 25-2017)  
Public Review Date: Jan 22, 2021 | Final Action Date: Mar 29, 2021 | [Approved](#)

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- ▶ ANSI/NSF 25-2021 (i20r1), Thermoplastic Refuse Containers (revision of ANSI/NSF 25-2017)  
Public Review Date: Jun 18, 2021 | Final Action Date: Aug 2, 2021 | [Approved](#)

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- ▶ ANSI/NSF 25-2022 (i10r6), Vending Machines for Food and Beverages (revision of ANSI/NSF 25-2021)  
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- ▶ ANSI/NSF 25-2022 (i14r1), Vending Machines for Food and Beverages (revision of ANSI/NSF 25-2021)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 25-2022 (i22r1), Vending Machines for Food and Beverages (revision of ANSI/NSF 25-2021)  
Public Review Date: Nov 4, 2022 | Final Action Date: Dec 4, 2022 | [Approved](#)

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- ▶ ANSI/NSF 29-2017 (i5r2), NSF 29 - 2012 Detergent and Chemical Feeders for Commercial Spray-Type Dishwashing Machines (revision of ANSI/NSF 29-2012)  
Public Review Date: Jul 7, 2017 | Final Action Date: Aug 6, 2017 | [Approved](#)

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- ▶ ANSI/NSF 29-2021 (i6r1), NSF 29 - Detergent and Chemical Feeders for Commercial Spray-Type Dishwashing Machines (revision of ANSI/NSF 29-2017)  
Public Review Date: Apr 26, 2019 | Final Action Date: Jan 11, 2021 | [Approved](#)

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- ▶ ANSI/NSF 29-2021 (i7r1), Detergent and Chemical Feeders for Commercial Spray-Type Dishwashing Machines (revision of ANSI/NSF 29-2017)  
Public Review Date: Jun 18, 2021 | Final Action Date: Aug 2, 2021 | [Approved](#)

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- ▶ ANSI/NSF 3-2017 (i12r1), Commercial Warewashing Equipment (revision of ANSI/NSF 3-2012)  
Public Review Date: Mar 3, 2017 | Final Action Date: Apr 12, 2017 | [Approved](#)

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- ▶ ANSI/NSF 3-2019 (i14r3), NSF 3 - Commercial Warewashing Equipment (revision of ANSI/NSF 3-2017)  
Public Review Date: Sep 28, 2018 | Final Action Date: Feb 19, 2019 | [Approved](#)

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- ▶ ANSI/NSF 3-2019 (i16r1), NSF 3 - Commercial Warewashing Equipment (revision of ANSI/NSF 3-2017)  
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- ▶ ANSI/NSF 3-2021 (i15r4), NSF 3 - Commercial Warewashing Equipment (revision of ANSI/NSF 3-2018)  
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- ▶ ANSI/NSF 3-2021 (i17r1), Commercial Warewashing Equipment (revision of ANSI/NSF 3-2019)  
Public Review Date: Dec 25, 2020 | Final Action Date: Oct 12, 2021 | [Approved](#)

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- ▶ ANSI/NSF 3-2021 (i18r1), Commercial Warewashing Equipment (revision of ANSI/NSF 3-2019)  
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- ▶ ANSI/NSF 3-2021 (i19r1), Commercial Warewashing Equipment (revision of ANSI/NSF 3-2019)  
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- ▶ ANSI/NSF 3-2021 (i20r2), Commercial Warewashing Equipment (revision of ANSI/NSF 3-2019)  
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- ▶ ANSI/NSF 3-A 14159-1-2014 (i4r1), Hygiene Requirements for the Design of Meat and Poultry Processing Equipment (revision of ANSI/NSF 3-A 14159-1-2010)  
Public Review Date: Nov 14, 2014 | Final Action Date: Dec 22, 2014 | [Approved](#)

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- ▶ ANSI/NSF 3-A 14159-1-2019 (i8r1), NSF 14159-1 - Hygiene Requirements for the Design of Meat and Poultry Processing Equipment (revision of ANSI/NSF 3-A 14159-1-2014)  
Public Review Date: Feb 15, 2019 | Final Action Date: Mar 19, 2019 | [Approved](#)

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- ▶ ANSI/NSF 3-A 14159-2-2014 (i5r1), Hygiene Requirements for the Design of Hand Held Tools Used in Meat and Poultry Processing (revision of ANSI/NSF 3-A 14159-2-2010)  
Public Review Date: Nov 14, 2014 | Final Action Date: Dec 22, 2014 | [Approved](#)

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- ▶ ANSI/NSF 3-A 14159-2-2019 (i8r1), Hygiene Requirements for the Design of Hand Held Tools Used in Meat and Poultry Processing (revision of ANSI/NSF 3-A 14159-2-2014)  
Public Review Date: Feb 15, 2019 | Final Action Date: Mar 19, 2019 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF 3-A 14159-3-2014 (i6r1), Hygiene Requirements for the Design of Mechanical Belt Conveyors Used in Meat and Poultry Processing (revision of ANSI/NSF 3-A 14159-3-2010)  
Public Review Date: Nov 14, 2014 | Final Action Date: Dec 22, 2014 | [Approved](#)

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- ▶ ANSI/NSF 3-A 14159-3-2015 (i3r1), Hygiene Requirements for the Design of Mechanical Belt Conveyors Used in Meat and Poultry Processing (revision of ANSI/NSF/3-A 14159-3-2010)  
Public Review Date: Nov 14, 2014 | Final Action Date: Jan 23, 2015 | [Approved](#)

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- ▶ ANSI/NSF 3-A 14159-3-2019 (i8r1), Hygiene Requirements for the Design of Mechanical Belt Conveyors Used in Meat and Poultry Processing (revision of ANSI/NSF 3-A 14159-3-2014)  
Public Review Date: Feb 15, 2019 | Final Action Date: Mar 19, 2019 | [Approved](#)

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- ▶ ANSI/NSF 305-2014 (i20r1), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2011)  
Public Review Date: May 9, 2014 | Final Action Date: Nov 4, 2014 | [Approved](#)

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- ▶ ANSI/NSF 305-2015 (i19r2), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2012)  
Public Review Date: Dec 26, 2014 | Final Action Date: Feb 3, 2015 | [Approved](#)

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- ▶ ANSI/NSF 305-2015 (i21r1), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2012)  
Public Review Date: May 9, 2014 | Final Action Date: Mar 3, 2015 | [Approved](#)

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- ▶ ANSI/NSF 305-2015 (i21r4), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2012)  
Public Review Date: Jan 2, 2015 | Final Action Date: Mar 3, 2015 | [Approved](#)

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- ▶ ANSI/NSF 305-2016 (i26r1), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2014)  
Public Review Date: Jul 1, 2016 | Final Action Date: Sep 8, 2016 | [Approved](#)

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- ▶ ANSI/NSF 305-2016 (i28r1), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2014)  
Public Review Date: Apr 29, 2016 | Final Action Date: Aug 24, 2016 | [Approved](#)

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- ▶ ANSI/NSF 305-2022 (i31r1), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2016)  
Public Review Date: Feb 18, 2022 | Final Action Date: Mar 22, 2022 | [Approved](#)

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- ▶ ANSI/NSF 321-2010 (R2016), Goldenseal Root (*Hydrastis canadensis*) (reaffirmation of ANSI/NSF 321-2010)  
Public Review Date: Mar 18, 2016 | Final Action Date: Oct 6, 2016 | [Approved](#)

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- ▶ ANSI/NSF 330-2014 (i6r3), Glossary of Drinking Water Treatment Unit Terminology (revision of ANSI/NSF 330-2013)  
Public Review Date: Aug 8, 2014 | Final Action Date: Oct 16, 2014 | [Approved](#)

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- ▶ ANSI/NSF 330-2015 (i7r4), Glossary of Drinking Water Treatment Unit Terminology (revision of ANSI/NSF 330-2013, BSR/NSF 330-201x (i7r3))  
Public Review Date: Apr 17, 2015 | Final Action Date: May 17, 2015 | [Approved](#)

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- ▶ ANSI/NSF 330-2015 (i8), Glossary of Drinking Water Treatment Unit Terminology (revision of ANSI/NSF 330-2014)  
Public Review Date: Sep 18, 2015 | Final Action Date: Oct 27, 2015 | [Approved](#)

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- ▶ ANSI/NSF 330-2018 (i9r1), NSF/ANSI 330-Glossary of Drinking Water Treatment Unit Terminology (revision of ANSI/NSF 330-2015)  
Public Review Date: Nov 3, 2017 | Final Action Date: Jan 25, 2018 | [Approved](#)

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- ▶ ANSI/NSF 330-2019 (i10r2), NSF 330 - Glossary of Drinking Water Treatment Unit Terminology (revision of ANSI/NSF 330-2018)  
Public Review Date: Jul 5, 2019 | Final Action Date: Aug 2, 2019 | [Approved](#)

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- ▶ ANSI/NSF 330-2020 (i11r2), Glossary of Drinking Water Treatment Unit Terminology (revision of ANSI/NSF 330-2019)  
Public Review Date: Oct 9, 2020 | Final Action Date: Nov 27, 2020 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF 330-2021 (i12r1), Glossary of Drinking Water Treatment Unit Terminology (revision of ANSI/NSF 330-2020)  
Public Review Date: Aug 6, 2021 | Final Action Date: Sep 28, 2021 | [Approved](#)
- ▶ ANSI/NSF 332-2015 (i8r1), Sustainability Assessment for Resilient Floor Coverings (revision of ANSI/NSF 332-2012)  
Public Review Date: Nov 28, 2014 | Final Action Date: Jan 26, 2015 | [Approved](#)
- ▶ ANSI/NSF 332-2022 (i10r1), Sustainability Assessment for Resilient Floor Coverings (revision of ANSI/NSF 332-2015 (i8r1))  
Public Review Date: Jul 29, 2022 | Final Action Date: Aug 28, 2022 | [Approved](#)
- ▶ ANSI/NSF 332-2022 (i11r1), Sustainability Assessment for Resilient Floor Coverings (revision of ANSI/NSF 332-2015)  
Public Review Date: Aug 5, 2022 | Final Action Date: Sep 4, 2022 | [Approved](#)
- ▶ ANSI/NSF 332-2022 (i12r1), Sustainability Assessment for Resilient Floor Coverings (revision of ANSI/NSF 332-2015)  
Public Review Date: Aug 5, 2022 | Final Action Date: Sep 4, 2022 | [Approved](#)
- ▶ ANSI/NSF 332-2022 (i9r3.1), Sustainability Assessment for Resilient Floor Coverings (revision of ANSI/NSF 332-2015)  
Public Review Date: Jul 8, 2022 | Final Action Date: Aug 22, 2022 | [Approved](#)
- ▶ ANSI/NSF 336-2018 (i2r1), Sustainability assessment for commercial furnishings fabric (revision of ANSI/NSF 336-2011)  
Public Review Date: Oct 27, 2017 | Final Action Date: Feb 7, 2018 | [Approved](#)
- ▶ ANSI/NSF 342-2019 (i10r2), Sustainability assessment for wallcovering products (revision of ANSI/NSF 342-2014)  
Public Review Date: Feb 15, 2019 | Final Action Date: Mar 17, 2019 | [Approved](#)
- ▶ ANSI/NSF 342-2019 (i11r1), Sustainability Assessment for Wallcovering Products (revision of ANSI/NSF 342-2014)  
Public Review Date: Jun 7, 2019 | Final Action Date: Jul 7, 2019 | [Approved](#)
- ▶ ANSI/NSF 347-2018 (i5r2), Sustainability Assessment for Single Ply Roofing (revision of ANSI/NSF 347-2012a)  
Public Review Date: Aug 10, 2018 | Final Action Date: Dec 10, 2018 | [Approved](#)
- ▶ ANSI/NSF 35-2012 (i6), High pressure decorative laminates (HPDL) for surfacing food service equipment (revision of ANSI/NSF 35-2009)  
Public Review Date: Dec 16, 2011 | Final Action Date: Aug 8, 2012 | [Approved](#)
- ▶ ANSI/NSF 35-2020 (i10r1), NSF 35 - High Pressure Decorative Laminates for Surfacing Food Service Equipment (revision of ANSI/NSF 35-2017)  
Public Review Date: Feb 21, 2020 | Final Action Date: Mar 24, 2020 | [Approved](#)
- ▶ ANSI/NSF 35-2020 (i9r1), NSF 35 - High Pressure Decorative Laminates for Surfacing Food Service Equipment (revision of ANSI/NSF 35-2017)  
Public Review Date: Apr 26, 2019 | Final Action Date: Feb 21, 2020 | [Approved](#)
- ▶ ANSI/NSF 350-1-2017 (i7r1), NSF 350-1 Onsite residential and commercial greywater treatment systems for subsurface discharge (revision of ANSI/NSF 350-1-2012)  
Public Review Date: Nov 24, 2017 | Final Action Date: Dec 22, 2017 | [Approved](#)
- ▶ ANSI/NSF 350-2015 (i6r1), Wastewater treatment systems - Onsite residential and commercial water reuse treatment systems (revision of ANSI/NSF 350-2012)  
Public Review Date: Oct 31, 2014 | Final Action Date: May 1, 2015 | [Approved](#)
- ▶ ANSI/NSF 350-2016 (i11r1), Onsite residential and commercial water reuse treatment systems (revision of ANSI/NSF 350-2014)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 350-2017 (i15r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2012 (i3))  
Public Review Date: Apr 28, 2017 | Final Action Date: Jun 21, 2017 | [Approved](#)

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- ▶ ANSI/NSF 350-2017 (i16r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2017)  
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- ▶ ANSI/NSF 350-2017 (i18r2), NSF 350 Onsite Residential and Commercial Water Reuse Treatment Systems (revision of BSR/NSF 350-201x (i18r1))  
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- ▶ ANSI/NSF 350-2017 (i19r1), NSF/ANSI 350 - Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2017)  
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- ▶ ANSI/NSF 350-2017 (i20r1), NSF/ANSI 350 - Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2017)  
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- ▶ ANSI/NSF 350-2017 (i21r1), NSF/ANSI 350 - Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2017)  
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- ▶ ANSI/NSF 350-2017 (i22r2), NSF 350 Onsite Residential and Commercial Water Reuse Treatment Systems (revision of BSR/NSF 350-2017 (i22r1))  
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- ▶ ANSI/NSF 350-2017 (i9r1), Onsite Residential and Commercial Reuse Treatment Systems (revision of ANSI/NSF 350-2014)  
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- ▶ ANSI/NSF 350-2018 (i23r1), NSF/ANSI-350-2014: Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2014)  
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- ▶ ANSI/NSF 350-2018 (i24r2), NSF/ANSI-350-2014: Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2017)  
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- ▶ ANSI/NSF 350-2018 (i25r1), NSF/ANSI 350: Onsite residential and commercial water reuse treatment systems (revision of BSR/NSF 350-201x (i25r1))  
Public Review Date: Dec 8, 2017 | Final Action Date: Jan 5, 2018 | [Approved](#)

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- ▶ ANSI/NSF 350-2018 (i26r2), NSF 350 - Onsite residential and commercial, water reuse treatment systems (revision of ANSI/NSF 350-2017)  
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- ▶ ANSI/NSF 350-2018 (i27r2), NSF 350 - Onsite residential and commercial, water reuse treatment systems (revision of ANSI/NSF 350-2017)  
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- ▶ ANSI/NSF 350-2018 (i28r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2017a)  
Public Review Date: Sep 21, 2018 | Final Action Date: Nov 1, 2018 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF 350-2018 (i29r1), NSF/ANSI 350 - Onsite residential and commercial, waterreuse treatment systems (revision of ANSI/NSF 350-2017a)  
Public Review Date: Jul 6, 2018 | Final Action Date: Sep 5, 2018 | [Approved](#)

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- ▶ ANSI/NSF 350-2018 (i30r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2017)  
Public Review Date: Jun 29, 2018 | Final Action Date: Sep 12, 2018 | [Approved](#)

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- ▶ ANSI/NSF 350-2018 (i31r1), Onsite residential and commercial, water reuse treatment systems (revision of ANSI/NSF 350-2017)  
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- ▶ ANSI/NSF 350-2018 (i34r1), NSF/ANSI 350 - Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2017a)  
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- ▶ ANSI/NSF 350-2019 (i32r3), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2017)  
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- ▶ ANSI/NSF 350-2019 (i35r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2017a)  
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- ▶ ANSI/NSF 350-2019 (i36r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2017a)  
Public Review Date: Dec 21, 2018 | Final Action Date: Feb 20, 2019 | [Approved](#)

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- ▶ ANSI/NSF 350-2019 (i37r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2017a)  
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- ▶ ANSI/NSF 350-2019 (i38r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2017a)  
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- ▶ ANSI/NSF 350-2019 (i40r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2018)  
Public Review Date: May 17, 2019 | Final Action Date: Jun 18, 2019 | [Approved](#)

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- ▶ ANSI/NSF 350-2019 (i41r1), NSF 350 - Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2018)  
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- ▶ ANSI/NSF 350-2019 (i43r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2018)  
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- ▶ ANSI/NSF 350-2020 (i33r3), NSF 350 - Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019)  
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- ▶ ANSI/NSF 350-2020 (i42r2), NSF 350 - Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 350-2020 (i45r2), NSF 350 - Onsite Residential and Commercial Water Reuse Treatment Systems (revision of BSR/NSF 350-202x (i45r1))  
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- ▶ ANSI/NSF 350-2020 (i46r1), NSF 350 - Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019)  
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- ▶ ANSI/NSF 350-2020 (i47r1), NSF 350 - Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019)  
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- ▶ ANSI/NSF 350-2020 (i48r3), NSF 350 - Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019)  
Public Review Date: Mar 27, 2020 | Final Action Date: Apr 28, 2020 | [Approved](#)

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- ▶ ANSI/NSF 350-2020 (i49r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)  
Public Review Date: Aug 7, 2020 | Final Action Date: Sep 15, 2020 | [Approved](#)

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- ▶ ANSI/NSF 350-2020 (i50r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019)  
Public Review Date: Sep 11, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ ANSI/NSF 350-2020 (i51r1), NSF 350 - Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019)  
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- ▶ ANSI/NSF 350-2020 (i53r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019)  
Public Review Date: Aug 7, 2020 | Final Action Date: Oct 7, 2020 | [Approved](#)

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- ▶ ANSI/NSF 350-2020 (i54r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019)  
Public Review Date: Sep 4, 2020 | Final Action Date: Oct 6, 2020 | [Approved](#)

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- ▶ ANSI/NSF 350-2020 (i55r2), NSF 350 - Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019)  
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- ▶ ANSI/NSF 350-2020 (i56r4), NSF 350: Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019)  
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- ▶ ANSI/NSF 350-2022 (i57r1), NSF 350-2020: Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019)  
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- ▶ ANSI/NSF 350-2022 (i58r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)  
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- ▶ ANSI/NSF 350-2022 (i59r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 350-2022 (i61r1), NSF 350-20XX: Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019)  
Public Review Date: Nov 13, 2020 | Final Action Date: Apr 26, 2022 | [Approved](#)

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- ▶ ANSI/NSF 350-2022 (i62r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)  
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- ▶ ANSI/NSF 350-2022 (i65r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)  
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- ▶ ANSI/NSF 350-2022 (i66r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)  
Public Review Date: Apr 29, 2022 | Final Action Date: Jun 6, 2022 | [Approved](#)

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- ▶ ANSI/NSF 350-2022 (i67r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)  
Public Review Date: May 6, 2022 | Final Action Date: Jun 10, 2022 | [Approved](#)

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- ▶ ANSI/NSF 350-2022 (i68r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)  
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- ▶ ANSI/NSF 350-2022 (i69r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)  
Public Review Date: May 27, 2022 | Final Action Date: Jul 19, 2022 | [Approved](#)

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- ▶ ANSI/NSF 350-2022 (i70r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)  
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- ▶ ANSI/NSF 350-2022 (i71r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)  
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- ▶ ANSI/NSF 350-2022 (i72r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)  
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- ▶ ANSI/NSF 350-2022 (i74r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)  
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- ▶ ANSI/NSF 350-2022 (i75r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020)  
Public Review Date: Aug 26, 2022 | Final Action Date: Oct 5, 2022 | [Approved](#)

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- ▶ ANSI/NSF 358-1-2017 (i3), Polyethylene Pipe and Fittings for Water-Based Ground-Source Geothermal; Heat Pump Systems (revision of ANSI/NSF 358-1-2014)  
Public Review Date: Nov 4, 2016 | Final Action Date: Jan 2, 2017 | [Approved](#)

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- ▶ ANSI/NSF 358-1-2020 (i4r1), Polyethylene Pipe and Fittings for Water-Based Ground-Source Geothermal Heat Pump Systems (revision of ANSI/NSF 358-1-2017)  
Public Review Date: Nov 15, 2019 | Final Action Date: Jan 27, 2020 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF 358-1-2021 (i5r1), Polyethylene Pipe and Fittings for Water-Based Ground-Source Geothermal Heat Pump Systems (revision of ANSI/NSF 358-1-2020)

Public Review Date: Jun 18, 2021 | Final Action Date: Jul 22, 2021 | [Approved](#)

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- ▶ ANSI/NSF 358-1-2021 (i6r1), Polyethylene Pipe and Fittings for Water-Based Ground-Source Geothermal Heat Pump Systems (revision of ANSI/NSF 358-1-2020)

Public Review Date: May 28, 2021 | Final Action Date: Jun 29, 2021 | [Approved](#)

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- ▶ ANSI/NSF 358-1-2022 (i7r2), Polyethylene Pipe and Fittings for Water-Based Ground-Source Geothermal Heat Pump Systems (revision of ANSI/NSF 358-1-2021)

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- ▶ ANSI/NSF 358-1-2022 (i8r1), Polyethylene Pipe and Fittings for Water-Based Ground-Source Geothermal Heat Pump Systems (revision of ANSI/NSF 358-1-2021)

Public Review Date: Aug 19, 2022 | Final Action Date: Sep 27, 2022 | [Approved](#)

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- ▶ ANSI/NSF 358-2-2017 (i2r1), Polypropylene Pipe and Fittings for Water-Based Ground-Source Geothermal; Heat Pump Systems (revision of ANSI/NSF 358-2-2012)

Public Review Date: Nov 17, 2017 | Final Action Date: Dec 18, 2017 | [Approved](#)

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- ▶ ANSI/NSF 358-2-2022 (i3r1), Polypropylene Pipe and Fittings for Water-Based Ground-Source Geothermal Heat Pump Systems (revision of ANSI/NSF 358-2-2017)

Public Review Date: Aug 12, 2022 | Final Action Date: Oct 12, 2022 | [Approved](#)

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- ▶ ANSI/NSF 358-3-2016 (i1r2), Cross-Linked Polyethylene (PEX) Pipe and Fittings for Water-Based Ground-source (Geothermal) Heat Pump Systems (new standard)

PINS Date: Mar 27, 2009 | Public Review Date: Feb 26, 2016 | Final Action Date: Jun 9, 2016 | [Approved](#)

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- ▶ ANSI/NSF 358-3-2016 (i2r1), Cross-linked Polyethylene (PEX) Pipe and Fittings for Water-Based Ground-Source (Geothermal) Heat Pump Systems (revision of ANSI/NSF 358-3)

Public Review Date: Sep 2, 2016 | Final Action Date: Oct 2, 2016 | [Approved](#)

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- ▶ ANSI/NSF 358-3-2021 (i3r1), Cross-linked Polyethylene (PEX) Pipe and Fittings for Water-Based Ground-Source (Geothermal) Heat Pump Systems (revision of ANSI/NSF 358-3-2016)

Public Review Date: May 28, 2021 | Final Action Date: Jun 27, 2021 | [Approved](#)

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- ▶ ANSI/NSF 358-4-2018 (i1r3), Polyethylene of Raised Temperature (PE-RT) Tubing and Fittings for Water-Based Ground-Source (Geothermal) Heat Pump Systems. (new standard)

PINS Date: Aug 18, 2017 | Public Review Date: Feb 2, 2018 | Final Action Date: Mar 19, 2018 | [Approved](#)

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- ▶ ANSI/NSF 358-4-2022 (i2r1), Polyethylene of Raised Temperature (PE-RT) Tubing and Fittings for Water-Based Ground-Source (Geothermal) Heat Pump Systems (revision of ANSI/NSF 358-4-2018)

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- ▶ ANSI/NSF 359-2016 , Valves for crosslinked polyethylene (PEX) water distribution tubing systems (reaffirmation of ANSI/NSF 359-2011)

Public Review Date: Jul 1, 2016 | Final Action Date: Aug 15, 2016 | [Approved](#)

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- ▶ ANSI/NSF 359-2018 (i3r1), NSF/ANSI 359-Valves for Crosslinked Polyethelene (PEX) Water Distribution Tubing Systems (revision of ANSI/NSF 359-2016)

Public Review Date: Dec 1, 2017 | Final Action Date: Jan 5, 2018 | [Approved](#)

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- ▶ ANSI/NSF 359-2018 (i4r1), NSF/ANSI 359-Valves for Crosslinked Polyethelene (PEX) Water Distribution Tubing Systems (revision of ANSI/NSF 359-2016 )

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**NSF (NSF International)**

- ▶ ANSI/NSF 359-2022 (i5r2), Valves for Cross-linked Polyethylene (PEX) Water Distribution Tubing Systems (revision of ANSI/NSF 359-2018)  
Public Review Date: Sep 16, 2022 | Final Action Date: Oct 16, 2022 | [Approved](#)

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- ▶ ANSI/NSF 360-2014 (i2r1), Field Performance Verification (revision of ANSI/NSF 360-2010)  
Public Review Date: Jun 27, 2014 | Final Action Date: Oct 27, 2014 | [Approved](#)

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- ▶ ANSI/NSF 360-2019 (i4r1), Wastewater Treatment Systems – Field Performance Verification (revision of ANSI/NSF 360-2014)  
Public Review Date: Mar 8, 2019 | Final Action Date: Apr 7, 2019 | [Approved](#)

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- ▶ ANSI/NSF 363-2016 (i2r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)  
PINS Date: Sep 11, 2009 | Public Review Date: Jun 17, 2016 | Final Action Date: Jul 19, 2016 | [Approved](#)

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- ▶ ANSI/NSF 363-2016 (i3r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)  
Public Review Date: Jun 17, 2016 | Final Action Date: Jul 19, 2016 | [Approved](#)

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- ▶ ANSI/NSF 363-2016 (i4r2), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)  
Public Review Date: Nov 4, 2016 | Final Action Date: Dec 4, 2016 | [Approved](#)

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- ▶ ANSI/NSF 363-2016 (i5r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)  
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- ▶ ANSI/NSF 363-2016 (i6r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)  
Public Review Date: Jun 17, 2016 | Final Action Date: Jul 22, 2016 | [Approved](#)

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- ▶ ANSI/NSF 363-2016 (i7r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)  
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- ▶ ANSI/NSF 363-2016 (i8r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)  
Public Review Date: Jun 17, 2016 | Final Action Date: Jul 28, 2016 | [Approved](#)

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- ▶ ANSI/NSF 363-2016 (i9r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)  
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- ▶ ANSI/NSF 363-2017 (i10r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)  
Public Review Date: Nov 4, 2016 | Final Action Date: Jan 9, 2017 | [Approved](#)

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- ▶ ANSI/NSF 37-2017 (i6r6), Air Curtain for Entranceways for Food and Food Service Establishments (revision of ANSI/NSF 37-2012)  
Public Review Date: Apr 28, 2017 | Final Action Date: Jun 1, 2017 | [Approved](#)

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- ▶ ANSI/NSF 37-2020 (i8r1), NSF 37 - Air Curtain for Entranceways for Food and Food Service Establishments (revision of ANSI/NSF 37-2017)  
Public Review Date: Apr 26, 2019 | Final Action Date: Nov 11, 2020 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF 37-2021 (i7r1), Air Curtain for Entranceways for Food and Food Service Establishments (revision of ANSI/NSF 37-2017)  
Public Review Date: Dec 4, 2020 | Final Action Date: Jan 5, 2021 | [Approved](#)

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- ▶ ANSI/NSF 37-2021 (i9r1), Air Curtain for Entranceways for Food and Food Service Establishments (revision of ANSI/NSF 37-2017)  
Public Review Date: Mar 26, 2021 | Final Action Date: Apr 25, 2021 | [Approved](#)

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- ▶ ANSI/NSF 372-2016 (i4r1), Drinking Water System Components - Lead Content (revision of ANSI/NSF 372-2011)  
Public Review Date: Feb 26, 2016 | Final Action Date: Mar 27, 2016 | [Approved](#)

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- ▶ ANSI/NSF 375-2015 (i1r2), Sustainability Assessment for Water Contact Products (new standard)  
PINS Date: Apr 16, 2010 | Public Review Date: Sep 12, 2014 | Final Action Date: Apr 1, 2015 | [Approved](#)

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- ▶ ANSI/NSF 385-2019 (i1r11), NSF 385 - Disinfection Mechanics (new standard)  
PINS Date: Jan 25, 2013 | Public Review Date: Jun 28, 2019 | Final Action Date: Jul 30, 2019 | [Approved](#)

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- ▶ ANSI/NSF 385-2021 (i2r1), Disinfection Mechanics (revision of ANSI/NSF 385-2019)  
Public Review Date: Feb 5, 2021 | Final Action Date: Mar 25, 2021 | [Approved](#)

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- ▶ ANSI/NSF 385-2021 (i6r1), Disinfection Mechanics (revision of ANSI/NSF 385-2019)  
Public Review Date: Jan 1, 2021 | Final Action Date: Feb 2, 2021 | [Approved](#)

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- ▶ ANSI/NSF 385-2021 (i8r1), Disinfection Mechanics (revision of ANSI/NSF 385-2019)  
Public Review Date: Jun 11, 2021 | Final Action Date: Jul 12, 2021 | [Approved](#)

---
- ▶ ANSI/NSF 385-2021 (i9r1), Disinfection Mechanics (revision of ANSI/NSF 385-2019)  
Public Review Date: Jun 11, 2021 | Final Action Date: Jul 13, 2021 | [Approved](#)

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- ▶ ANSI/NSF 385-2022 (i11r2), Disinfection Mechanics (revision of ANSI/NSF 385-2021)  
Public Review Date: Sep 23, 2022 | Final Action Date: Oct 24, 2022 | [Approved](#)

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- ▶ ANSI/NSF 385-2022 (i13r1), Disinfection Mechanics (revision of ANSI/NSF 385-2021)  
Public Review Date: Nov 4, 2022 | Final Action Date: Dec 14, 2022 | [Approved](#)

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- ▶ ANSI/NSF 385-2022 (i14r1), Disinfection Mechanics (revision of ANSI/NSF 385-2021)  
Public Review Date: Jun 24, 2022 | Final Action Date: Sep 5, 2022 | [Approved](#)

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- ▶ ANSI/NSF 385-2023 (i3r5), Disinfection Mechanics (revision of ANSI/NSF 385-2021)  
Public Review Date: Sep 2, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)

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- ▶ ANSI/NSF 391.1-2019 (i1r2), General Sustainability Assessment Criteria for Professional Services (new standard)  
PINS Date: Jan 28, 2011 | Public Review Date: Jun 29, 2018 | Final Action Date: Jan 29, 2019 | [Approved](#)

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- ▶ ANSI/NSF 4-2016 (i18r4), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2014)  
Public Review Date: Mar 4, 2016 | Final Action Date: Apr 22, 2016 | [Approved](#)

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- ▶ ANSI/NSF 4-2016 (i23r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2014)  
Public Review Date: Nov 27, 2015 | Final Action Date: Apr 14, 2016 | [Approved](#)

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- ▶ ANSI/NSF 4-2016 (i24r4), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2014)  
Public Review Date: Sep 23, 2016 | Final Action Date: Oct 23, 2016 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF 4-2019 (i27r1), NSF 4 - Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2016)  
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- ▶ ANSI/NSF 4-2019 (i29r1), NSF 4 - Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2016)  
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- ▶ ANSI/NSF 4-2020 (i25r3), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2019)  
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- ▶ ANSI/NSF 4-2020 (i30r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2019)  
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- ▶ ANSI/NSF 4-2021 (i21r8), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2019)  
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- ▶ ANSI/NSF 4-2021 (i31r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2019)  
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- ▶ ANSI/NSF 4-2021 (i32r2), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2019)  
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- ▶ ANSI/NSF 4-2022 (i33r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2020)  
Public Review Date: Jun 18, 2021 | Final Action Date: Dec 22, 2022 | [Approved](#)

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- ▶ ANSI/NSF 4-2022 (i34r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2020)  
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- ▶ ANSI/NSF 40-2018 (i29r1), NSF/ANSI 40 Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2009 (i19))  
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- ▶ ANSI/NSF 40-2018 (i31r2), NSF 40 - Residential Wastewater Treatment Systems (revision of ansi/NSF 40-2013)  
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- ▶ ANSI/NSF 40-2019 (i32r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2018)  
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- ▶ ANSI/NSF 40-2019 (i33r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2018)  
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- ▶ ANSI/NSF 40-2019 (i34r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2018)  
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- ▶ ANSI/NSF 40-2020 (i35r3), NSF 40 Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2018)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 40-2020 (i37r1), NSF 40-20XX: Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2019)

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- ▶ ANSI/NSF 40-2020 (i38r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2019)

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- ▶ ANSI/NSF 40-2020 (i41r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2019)

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- ▶ ANSI/NSF 40-2021 (i36r1), NSF 40 Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2018)

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- ▶ ANSI/NSF 40-2022 (i42r2), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020)

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- ▶ ANSI/NSF 40-2022 (i43r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020)

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- ▶ ANSI/NSF 40-2022 (i44r2), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020)

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- ▶ ANSI/NSF 40-2022 (i45r3), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020)

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- ▶ ANSI/NSF 40-2022 (i46r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020)

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- ▶ ANSI/NSF 40-2022 (i47r2), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020)

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- ▶ ANSI/NSF 40-2022 (i48r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020)

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- ▶ ANSI/NSF 40-2022 (i50r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020)

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- ▶ ANSI/NSF 40-2022 (i52r2), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020)

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- ▶ ANSI/NSF 401-2016, Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2014 (i1r2.1))

Public Review Date: Jan 29, 2016 | Final Action Date: Mar 3, 2016 | [Approved](#)

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- ▶ ANSI/NSF 401-2016 (i3r1), Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2014)

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- ▶ ANSI/NSF 401-2016 (i6r1), NSF 401-2016 - Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2014)

Public Review Date: Aug 5, 2016 | Final Action Date: Sep 19, 2016 | [Approved](#)

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- ▶ ANSI/NSF 401-2016 (i7r1), Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2014)

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**NSF (NSF International)**

- ▶ ANSI/NSF 401-2017 (i5r1), Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2016)

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- ▶ ANSI/NSF 401-2017 (i8r1), Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2016)

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- ▶ ANSI/NSF 401-2017 (i9), NSF/ANSI 401 Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401 2017)

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- ▶ ANSI/NSF 401-2018 (i10r2), NSF 401 - Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2017a)

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- ▶ ANSI/NSF 401-2018 (i11r1), NSF 401 - Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2018)

Public Review Date: Jul 13, 2018 | Final Action Date: Aug 13, 2018 | [Approved](#)

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- ▶ ANSI/NSF 401-2018 (i13r1), Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2017a)

Public Review Date: Nov 30, 2018 | Final Action Date: Dec 30, 2018 | [Approved](#)

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- ▶ ANSI/NSF 401-2019 (i14r1), NSF 401 - Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2018)

Public Review Date: Aug 2, 2019 | Final Action Date: Sep 5, 2019 | [Approved](#)

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- ▶ ANSI/NSF 401-2020 (i16r1), NSF 401-2020: Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2019)

Public Review Date: Jun 26, 2020 | Final Action Date: Aug 17, 2020 | [Approved](#)

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- ▶ ANSI/NSF 401-2020 (i17r1), NSF 401 - Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2019)

Public Review Date: Jul 17, 2020 | Final Action Date: Aug 16, 2020 | [Approved](#)

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- ▶ ANSI/NSF 401-2020 (i18r2), NSF 401-2020: Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2019)

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- ▶ ANSI/NSF 401-2020 (i19r1), Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2019)

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- ▶ ANSI/NSF 401-2021 (i20r1), Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2019)

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- ▶ ANSI/NSF 401-2021 (i24r1), Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2020)

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- ▶ ANSI/NSF 401-2021 (i25r1), Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2020)

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**NSF (NSF International)**

- ▶ ANSI/NSF 401-2021 (i26r1), Drinking Water Treatment Units - Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2020)  
Public Review Date: Aug 27, 2021 | Final Action Date: Oct 11, 2021 | [Approved](#)

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- ▶ ANSI/NSF 401-2022 (i28r1), Drinking Water Treatment Units – Emerging Compounds / Incidental Contaminants (revision of ANSI/NSF 401-2021)  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 7, 2022 | [Approved](#)

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- ▶ ANSI/NSF 401-2022 (i29r1), Drinking Water Treatment Units - Emerging Compounds /Incidental Contaminants (revision of ANSI/NSF 401-2021)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 7, 2022 | [Approved](#)

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- ▶ ANSI/NSF 41-2016 (i7r1), Non-liquid Saturated Treatment Systems (revision of ANSI/NSF 41-2011)  
Public Review Date: Feb 19, 2016 | Final Action Date: Mar 20, 2016 | [Approved](#)

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- ▶ ANSI/NSF 41-2018 (i8r2), Non-liquid Saturated Treatment Systems (revision of ANSI/NSF 41-2016)  
Public Review Date: Apr 20, 2018 | Final Action Date: Jun 8, 2018 | [Approved](#)

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- ▶ ANSI/NSF 41-2018 (i9r1), Non-liquid Saturated Treatment Systems (revision of ANSI/NSF 41-2016)  
Public Review Date: Aug 24, 2018 | Final Action Date: Sep 23, 2018 | [Approved](#)

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- ▶ ANSI/NSF 41-2022 (i10r1), NSF 41-20XX: Non-liquid Saturated Treatment Systems (revision of ANSI/NSF 41-2019)  
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- ▶ ANSI/NSF 41-2022 (i11r2), Non-liquid Saturated Treatment Systems (revision of ANSI/NSF 41-2018)  
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- ▶ ANSI/NSF 41-2022 (i13r1), Non-liquid Saturated Treatment Systems (revision of ANSI/NSF 41-2018)  
Public Review Date: Jun 24, 2022 | Final Action Date: Sep 5, 2022 | [Approved](#)

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- ▶ ANSI/NSF 416-2014 (i1r4), Sustainability Assessment for Water Treatment Chemical Products (new standard)  
PINS Date: Aug 17, 2012 | Public Review Date: Sep 19, 2014 | Final Action Date: Nov 18, 2014 | [Approved](#)

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- ▶ ANSI/NSF 416-2014 (i2r1)), Sustainability Assessment for Water treatment chemical products (new standard)  
Public Review Date: Nov 21, 2014 | Final Action Date: Jan 14, 2015 | [Approved](#)

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- ▶ ANSI/NSF 416-2017 (i4r1), Sustainability assessment for water treatment chemical products (revision of ANSI/NSF 416-2014 (i2r1)))  
Public Review Date: Jun 30, 2017 | Final Action Date: Jul 30, 2017 | [Approved](#)

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- ▶ ANSI/NSF 416-2022 (i5r1.1), Sustainability Assessment for Water Treatment Chemical Products (revision of ANSI/NSF 416-2017)  
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- ▶ ANSI/NSF 418-2014 (i3r1) (R2019), NSF 418-2014 - Residential Wastewater - Effluent Filters Longevity Testing (reaffirmation of ANSI/NSF 418-2014 (i1r1))  
Public Review Date: Feb 8, 2019 | Final Action Date: Mar 27, 2019 | [Approved](#)

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- ▶ ANSI/NSF 419-2015 (i1r3), Public Drinking Water Equipment Performance - Filtration (new standard)  
PINS Date: Feb 1, 2013 | Public Review Date: Nov 7, 2014 | Final Action Date: Jan 2, 2015 | [Approved](#)

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- ▶ ANSI/NSF 419-2018 (i3r1), NSF 419 - 2015 Public Drinking Water Equipment Performance - Membrane Filtration (revision of ANSI/NSF 419-2015)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 419-2018 (i4r1), 419 - 2015 Public Drinking Water Equipment Performance - Membrane Filtration (revision of ANSI/NSF 419-2015)  
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- ▶ ANSI/NSF 419-2018 (i5r1), NSF 419 - Public Drinking Water Equipment Performance – Membrane Filtration (revision of ANSI/NSF 419-2015)  
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- ▶ ANSI/NSF 419-2018 (i6r2), Public Drinking Water Equipment Performance – Membrane Filtration (revision of ANSI/NSF 419-2015)  
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- ▶ ANSI/NSF 419-2018 (i7r2), NSF 419 - Public Drinking Water Equipment Performance – Membrane Filtration (revision of ANSI/NSF 419-2015)  
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- ▶ ANSI/NSF 419-2018 (i8r2), NSF 419 - Public Drinking Water Equipment Performance – Membrane Filtration (revision of ANSI/NSF 419-2015)  
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- ▶ ANSI/NSF 42-2014 (i79r2), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2013)  
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- ▶ ANSI/NSF 42-2014 (i80r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2013)  
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- ▶ ANSI/NSF 42-2015 (i73r5), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2014)  
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- ▶ ANSI/NSF 42-2015 (i82r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2014)  
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- ▶ ANSI/NSF 42-2015 (i83r2), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2014)  
Public Review Date: May 1, 2015 | Final Action Date: May 31, 2015 | [Approved](#)

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- ▶ ANSI/NSF 42-2015 (i84), Drinking Water Treatment Systems - Aesthetic Effects (revision of ANSI/NSF 42-2014)  
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- ▶ ANSI/NSF 42-2015 (i85), Drinking Water Treatment Systems - Aesthetic Effects (revision of ANSI/NSF 42-2014)  
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- ▶ ANSI/NSF 42-2016 (i75r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2015)  
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- ▶ ANSI/NSF 42-2016 (i92r1), NSF 42-2016 - Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2015)  
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- ▶ ANSI/NSF 42-2017 (i87r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2015)  
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- ▶ ANSI/NSF 42-2017 (i90r1), NSF 42-2016 - Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2016)  
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- ▶ ANSI/NSF 42-2017 (i91r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2015)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 42-2017 (i93r1), NSF 42-2016 - Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2016)  
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- ▶ ANSI/NSF 42-2017 (i94r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2016)  
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- ▶ ANSI/NSF 42-2017 (i95r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2016)  
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- ▶ ANSI/NSF 42-2017 (i96r1), NSF 42-2016 - Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2016)  
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- ▶ ANSI/NSF 42-2018 (i97r2), NSF 42 - Drinking Water Treatment Units – Aesthetic Effects (revision of ANSI/NSF 42-2017)  
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- ▶ ANSI/NSF 42-2018 (i99r1), NSF 42 - Drinking Water Treatment Units – Aesthetic Effects (revision of ANSI/NSF 42-2017)  
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- ▶ ANSI/NSF 42-2019 (i101r1), NSF 42 - Drinking Water Treatment Units – Aesthetic Effects (revision of ANSI/NSF 42-2018)  
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- ▶ ANSI/NSF 42-2019 (i98r1), NSF 42 - Drinking Water Treatment Units – Aesthetic Effects (revision of ANSI/NSF 42-2018)  
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- ▶ ANSI/NSF 42-2020 (i102r1), NSF 42 - Drinking Water Treatment Units – Aesthetic Effects (revision of ANSI/NSF 42-2019)  
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- ▶ ANSI/NSF 42-2020 (i104r1), NSF 42-2020: Drinking Water Treatment Units – Aesthetic Effects (revision of ANSI/NSF 42-2019)  
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- ▶ ANSI/NSF 42-2020 (i105r1), NSF 42 - Drinking Water Treatment Units – Aesthetic Effects (revision of ANSI/NSF 42-2019)  
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- ▶ ANSI/NSF 42-2020 (i106r2), NSF 42-2020: Drinking Water Treatment Units – Aesthetic Effects (revision of ANSI/NSF 42-2019)  
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- ▶ ANSI/NSF 42-2020 (i107r1), Drinking Water Treatment Units – Aesthetic Effects (revision of ANSI/NSF 42-2019)  
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- ▶ ANSI/NSF 42-2021 (i108r1), Drinking Water Treatment Units – Aesthetic Effects (revision of ANSI/NSF 42-2020)  
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- ▶ ANSI/NSF 42-2021 (i110r1), Drinking Water Treatment Units – Aesthetic Effects (revision of ANSI/NSF 42-2019)  
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- ▶ ANSI/NSF 42-2021 (i111r1), Drinking Water Treatment Units – Aesthetic Effects (revision of ANSI/NSF 42-2020)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 42-2021 (i112r1), NSF 42: Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2020)  
Public Review Date: Mar 26, 2021 | Final Action Date: May 25, 2021 | [Approved](#)

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- ▶ ANSI/NSF 42-2021 (i113r1), Drinking Water Treatment Units – Aesthetic Effects (revision of ANSI/NSF 42-2020)  
Public Review Date: Jun 11, 2021 | Final Action Date: Oct 11, 2021 | [Approved](#)

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- ▶ ANSI/NSF 42-2021 (i114r2), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2020)  
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- ▶ ANSI/NSF 42-2021 (i115r2), Drinking Water Treatment Units – Aesthetic Effects (revision of ANSI/NSF 42-2020)  
Public Review Date: Oct 1, 2021 | Final Action Date: Oct 31, 2021 | [Approved](#)

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- ▶ ANSI/NSF 42-2021 (i116r2), Drinking Water Treatment Units – Aesthetic Effects (revision of ANSI/NSF 42-2020)  
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- ▶ ANSI/NSF 42-2021 (i118r1), Drinking Water Treatment Units – Aesthetic Effects (revision of ANSI/NSF 42-2020)  
Public Review Date: Jul 2, 2021 | Final Action Date: Aug 16, 2021 | [Approved](#)

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- ▶ ANSI/NSF 42-2021 (i119r2), Drinking Water Treatment Units – Aesthetic Effects (revision of ANSI/NSF 42-2020)  
Public Review Date: Sep 3, 2021 | Final Action Date: Oct 14, 2021 | [Approved](#)

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- ▶ ANSI/NSF 42-2022 (i120r1), Drinking Water Treatment Units – Aesthetic Effects (revision of ANSI/NSF 42-2021)  
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- ▶ ANSI/NSF 42-2022 (i121r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2021)  
Public Review Date: Nov 11, 2022 | Final Action Date: Dec 12, 2022 | [Approved](#)

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- ▶ ANSI/NSF 42-2022 (i122r1), Drinking Water Treatment Units – Aesthetic Effects (revision of ANSI/NSF 42-2021)  
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- ▶ ANSI/NSF 42-2022 (i123r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2021)  
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- ▶ ANSI/NSF 42-2023 (i126r1), Drinking Water Treatment Units – Aesthetic Effects (revision of ANSI/NSF 42-2021)  
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- ▶ ANSI/NSF 426-2017, Environmental Leadership and Corporate Social Responsibility Assessment of Servers (new standard)  
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- ▶ ANSI/NSF 426-2018 (i3r1), Environmental Leadership and Corporate Social Responsibility Assessment of Servers (revision of ANSI/NSF 426-2017)  
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- ▶ ANSI/NSF 426-2018 (i4r1), Environmental Leadership and Corporate Social Responsibility Assessment of Servers (revision of ANSI/NSF 426-2017)  
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- ▶ ANSI/NSF 426-2018 (i5r1), Environmental Leadership and Corporate Social Responsibility Assessment of Servers (revision of ANSI/NSF 426i5r1)  
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- ▶ ANSI/NSF 426-2018 (i6r1), Environmental Leadership and Corporate Social Responsibility Assessment of Servers (revision of ANSI/NSF 426-2017)  
Public Review Date: Aug 17, 2018 | Final Action Date: Oct 19, 2018 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF 426-2018 (i7r1), Environmental Leadership and Corporate Social Responsibility Assessment of Servers (revision of ANSI/NSF 426-2017)

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- ▶ ANSI/NSF 426-2019 (i8r1), Environmental Leadership and Corporate Social Responsibility Assessment of Servers (revision of ANSI/NSF 426-2018)

Public Review Date: Nov 1, 2019 | Final Action Date: Dec 1, 2019 | [Approved](#)

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- ▶ ANSI/NSF 437-2021 (i1r2), Glossary of Wastewater Technology Terminology (new standard)

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- ▶ ANSI/NSF 437-2022 (i2r1), Glossary of Wastewater Technology Terminology (revision of ANSI/NSF 437-2021)

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- ▶ ANSI/NSF 44-2014 (i35), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2012 (i34))

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- ▶ ANSI/NSF 44-2014 (i36r1), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2013)

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- ▶ ANSI/NSF 44-2015 (i37r1), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2014)

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- ▶ ANSI/NSF 44-2015 (i38r2), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2014)

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- ▶ ANSI/NSF 44-2015 (i39), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2014)

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- ▶ ANSI/NSF 44-2016 (i41r1), NSF 44-2016 - Residential Cation Exchange Water Softenrers (revision of ANSI/NSF 44-2015)

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- ▶ ANSI/NSF 44-2017 (i42r1), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2016)

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- ▶ ANSI/NSF 44-2017 (i43), NSF/ANSI 44 Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44 2016)

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- ▶ ANSI/NSF 44-2018 (i44r2), NSF 44 - Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2017)

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- ▶ ANSI/NSF 44-2021 (i48r1), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2018)

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- ▶ ANSI/NSF 44-2021 (i49r1), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2018)

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- ▶ ANSI/NSF 44-2022 (i50r1), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2021)

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- ▶ ANSI/NSF 455-1-2018 (i1r2), NSF 455-1 - Terminology for the NSF 455 Portfolio of Standards (new standard)

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- ▶ ANSI/NSF 455-2-2018 (i1r3), Good Manufacturing Practices for Dietary Supplements (new standard)

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**NSF (NSF International)**

- ▶ ANSI/NSF 455-2-2020 (i2r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2018)

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- ▶ ANSI/NSF 455-2-2020 (i3r2), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2018)

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- ▶ ANSI/NSF 455-2-2020 (i4r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2018)

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- ▶ ANSI/NSF 455-2-2020 (i5r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2019)

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- ▶ ANSI/NSF 455-2-2020 (i6r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2018)

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- ▶ ANSI/NSF 455-2-2020 (i7r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2018)

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- ▶ ANSI/NSF 455-2-2020 (i8r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2018)

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- ▶ ANSI/NSF 455-2-2021 (i10r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2020)

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- ▶ ANSI/NSF 455-2-2021 (i11r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2020)

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- ▶ ANSI/NSF 455-2-2021 (i12r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2020)

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- ▶ ANSI/NSF 455-2-2021 (i13r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2020)

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- ▶ ANSI/NSF 455-2-2021 (i15r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2020)

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- ▶ ANSI/NSF 455-2-2021 (i16r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2020)

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- ▶ ANSI/NSF 455-2-2021 (i18r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2020)

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**NSF (NSF International)**

- ▶ ANSI/NSF 455-2-2021 (i20r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2020)

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- ▶ ANSI/NSF 455-2-2021 (i21r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2020)

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- ▶ ANSI/NSF 455-2-2021 (i22r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2020)

Public Review Date: Jul 2, 2021 | Final Action Date: Aug 9, 2021 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2021 (i24r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2020)

Public Review Date: Jun 4, 2021 | Final Action Date: Jul 9, 2021 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2021 (i26r2), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2020)

Public Review Date: Sep 10, 2021 | Final Action Date: Oct 10, 2021 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2021 (i28r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2020)

Public Review Date: Jun 4, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2021 (i29r2), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2020)

Public Review Date: Sep 3, 2021 | Final Action Date: Oct 3, 2021 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2022 (i23r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)

Public Review Date: May 13, 2022 | Final Action Date: Jun 12, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2022 (i25r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)

Public Review Date: May 13, 2022 | Final Action Date: Jun 15, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2022 (i27r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)

Public Review Date: May 13, 2022 | Final Action Date: Jun 13, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2022 (i30r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)

Public Review Date: May 13, 2022 | Final Action Date: Jun 30, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2022 (i31r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)

Public Review Date: Aug 19, 2022 | Final Action Date: Sep 20, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2022 (i32r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)

Public Review Date: Aug 26, 2022 | Final Action Date: Sep 29, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2022 (i33r1), 20XX: Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2022)

Public Review Date: Aug 26, 2022 | Final Action Date: Sep 27, 2022 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF 455-2-2022 (i34r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 7, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2022 (i35r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 12, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2022 (i36r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)  
Public Review Date: Sep 9, 2022 | Final Action Date: Oct 14, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2022 (i37r1), 20XX: Good Manufacturing Practices for Dietary Supplements (revision of 455-2-2021)  
Public Review Date: Aug 26, 2022 | Final Action Date: Oct 19, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2022 (i38r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)  
Public Review Date: Sep 9, 2022 | Final Action Date: Oct 17, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2022 (i39r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)  
Public Review Date: Aug 26, 2022 | Final Action Date: Oct 3, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2022 (i40r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)  
Public Review Date: Sep 16, 2022 | Final Action Date: Oct 19, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2022 (i41r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)  
Public Review Date: Sep 30, 2022 | Final Action Date: Nov 15, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2022 (i42r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)  
Public Review Date: Oct 28, 2022 | Final Action Date: Dec 5, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2022 (i43r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)  
Public Review Date: Sep 30, 2022 | Final Action Date: Nov 9, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2022 (i45r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)  
Public Review Date: Oct 14, 2022 | Final Action Date: Nov 16, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2022 (i46r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)  
Public Review Date: Sep 23, 2022 | Final Action Date: Nov 8, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2022 (i47r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 10, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2022 (i48r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 11, 2022 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF 455-2-2022 (i49r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)  
Public Review Date: Oct 14, 2022 | Final Action Date: Nov 17, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2022 (i50r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)  
Public Review Date: Oct 28, 2022 | Final Action Date: Dec 6, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-2-2022 (i51r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)  
Public Review Date: Oct 21, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2018 (i10r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)  
Public Review Date: Aug 31, 2018 | Final Action Date: Oct 1, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2018 (i11r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)  
Public Review Date: Aug 31, 2018 | Final Action Date: Oct 1, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2018 (i12r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)  
Public Review Date: Aug 31, 2018 | Final Action Date: Oct 1, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2018 (i13r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)  
Public Review Date: Aug 31, 2018 | Final Action Date: Oct 9, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2018 (i14r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)  
Public Review Date: Aug 31, 2018 | Final Action Date: Oct 2, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2018 (i1r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (new standard)  
PINS Date: Sep 5, 2014 | Public Review Date: Jun 15, 2018 | Final Action Date: Jul 30, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2018 (i2r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)  
Public Review Date: Aug 31, 2018 | Final Action Date: Sep 30, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2018 (i3r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)  
Public Review Date: Aug 31, 2018 | Final Action Date: Sep 30, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2018 (i4r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)  
Public Review Date: Aug 31, 2018 | Final Action Date: Sep 30, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2018 (i5r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)  
Public Review Date: Aug 31, 2018 | Final Action Date: Sep 30, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2018 (i6r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)  
Public Review Date: Aug 31, 2018 | Final Action Date: Sep 30, 2018 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF 455-3-2018 (i7r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)  
Public Review Date: Aug 31, 2018 | Final Action Date: Sep 30, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2018 (i8r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)  
Public Review Date: Aug 31, 2018 | Final Action Date: Sep 30, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2018 (i9r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)  
Public Review Date: Aug 31, 2018 | Final Action Date: Sep 30, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2019 (i15r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)  
Public Review Date: Sep 6, 2019 | Final Action Date: Dec 4, 2019 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2019 (i16r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)  
Public Review Date: Sep 6, 2019 | Final Action Date: Dec 4, 2019 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2019 (i18r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)  
Public Review Date: Sep 6, 2019 | Final Action Date: Dec 4, 2019 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2019 (i19r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)  
Public Review Date: Sep 6, 2019 | Final Action Date: Dec 5, 2019 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2019 (i20r1), NSF 455-3 - Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)  
Public Review Date: Sep 6, 2019 | Final Action Date: Dec 5, 2019 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2020 (i21r1), NSF 455-3: Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2018)  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 20, 2020 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2021 (i22r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2019)  
Public Review Date: Jan 8, 2021 | Final Action Date: Feb 10, 2021 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2021 (i23r2), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2019)  
Public Review Date: Aug 6, 2021 | Final Action Date: Sep 7, 2021 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2021 (i24r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2019)  
Public Review Date: Jan 8, 2021 | Final Action Date: Feb 16, 2021 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2021 (i25r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2019)  
Public Review Date: Apr 30, 2021 | Final Action Date: Jun 4, 2021 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2021 (i26r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2019)  
Public Review Date: Apr 30, 2021 | Final Action Date: Jun 5, 2021 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2021 (i27r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2019)  
Public Review Date: Jan 8, 2021 | Final Action Date: Feb 10, 2021 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2021 (i28r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2019)  
Public Review Date: Jul 9, 2021 | Final Action Date: Aug 8, 2021 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF 455-3-2021 (i29r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2019)  
Public Review Date: Jul 2, 2021 | Final Action Date: Aug 9, 2021 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2021 (i33r2), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2019)  
Public Review Date: Sep 10, 2021 | Final Action Date: Oct 10, 2021 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2021 (i35r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2019)  
Public Review Date: Jun 4, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2022 (i30r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2021)  
Public Review Date: Aug 19, 2022 | Final Action Date: Sep 20, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2022 (i31r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2021)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 9, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2022 (i32r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2021)  
Public Review Date: May 13, 2022 | Final Action Date: Jul 20, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2022 (i34r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2021)  
Public Review Date: May 27, 2022 | Final Action Date: Jul 1, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2022 (i36r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2021)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 14, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2022 (i38r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2021)  
Public Review Date: Nov 4, 2022 | Final Action Date: Dec 8, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-3-2023 (i37r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2021)  
Public Review Date: Dec 2, 2022 | Final Action Date: Jan 13, 2023 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2018 (i10r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)  
Public Review Date: Aug 31, 2018 | Final Action Date: Oct 2, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2018 (i11r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)  
Public Review Date: Aug 31, 2018 | Final Action Date: Oct 2, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2018 (i12r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)  
Public Review Date: Aug 31, 2018 | Final Action Date: Oct 2, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2018 (i1r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drungs (new standard)  
PINS Date: Sep 5, 2014 | Public Review Date: Jun 15, 2018 | Final Action Date: Jul 30, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2018 (i2r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)  
Public Review Date: Aug 31, 2018 | Final Action Date: Sep 30, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2018 (i3r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)  
Public Review Date: Aug 31, 2018 | Final Action Date: Sep 30, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2018 (i4r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)  
Public Review Date: Aug 31, 2018 | Final Action Date: Sep 30, 2018 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF 455-4-2018 (i5r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)  
Public Review Date: Aug 31, 2018 | Final Action Date: Sep 30, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2018 (i6r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)  
Public Review Date: Aug 31, 2018 | Final Action Date: Sep 30, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2018 (i7r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)  
Public Review Date: Aug 31, 2018 | Final Action Date: Sep 30, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2018 (i8r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)  
Public Review Date: Sep 7, 2018 | Final Action Date: Oct 7, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2018 (i9r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)  
Public Review Date: Sep 7, 2018 | Final Action Date: Oct 7, 2018 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2020 (i13r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 10, 2020 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2020 (i14r3), NSF 455-4: Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)  
Public Review Date: Oct 2, 2020 | Final Action Date: Nov 2, 2020 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2020 (i15r1), NSF 455-4 - Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 14, 2020 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2020 (i17r1), NSF 455-4 Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 17, 2020 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2020 (i19r1), NSF 455-4 Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)  
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- ▶ ANSI/NSF 455-4-2020 (i22r1), NSF 455-4: Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2018)  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 20, 2020 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2021 (i23r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020)  
Public Review Date: Mar 19, 2021 | Final Action Date: Apr 28, 2021 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2021 (i24r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020)  
Public Review Date: Mar 19, 2021 | Final Action Date: May 3, 2021 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2021 (i25r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020)  
Public Review Date: Mar 19, 2021 | Final Action Date: May 4, 2021 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF 455-4-2021 (i27r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020)

Public Review Date: Mar 19, 2021 | Final Action Date: May 5, 2021 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2021 (i28r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020)

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- ▶ ANSI/NSF 455-4-2021 (i30r1), NSF 455-4-2021: Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020)

Public Review Date: May 28, 2021 | Final Action Date: Jun 29, 2021 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2021 (i31r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020)

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- ▶ ANSI/NSF 455-4-2021 (i34r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020)

Public Review Date: Mar 19, 2021 | Final Action Date: Apr 30, 2021 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2021 (i35r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2019)

Public Review Date: Jul 9, 2021 | Final Action Date: Aug 8, 2021 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2021 (i36r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020)

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- ▶ ANSI/NSF 455-4-2021 (i39r2), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020)

Public Review Date: Sep 10, 2021 | Final Action Date: Oct 10, 2021 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2021 (i40r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2020)

Public Review Date: Jun 4, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2022 (i32r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2021)

Public Review Date: May 13, 2022 | Final Action Date: Jun 17, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2022 (i37r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2021)

Public Review Date: Aug 19, 2022 | Final Action Date: Sep 20, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2022 (i38r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2022 (i32r1))

Public Review Date: May 13, 2022 | Final Action Date: Jul 20, 2022 | [Approved](#)

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- ▶ ANSI/NSF 455-4-2022 (i41r1), Good Manufacturing Practices for Over-the-Counter Drugs (revision of ANSI/NSF 455-4-2021)

Public Review Date: Sep 30, 2022 | Final Action Date: Nov 9, 2022 | [Approved](#)

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- ▶ ANSI/NSF 456-2021 (i1r1), Vaccine Storage (new standard)

PINS Date: Dec 12, 2014 | Public Review Date: Jan 1, 2021 | Final Action Date: Mar 8, 2021 | [Approved](#)

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- ▶ ANSI/NSF 456-2021a (i2r1), NSF 456-2021: Vaccine Storage (revision of ANSI/NSF 456-2021)

Public Review Date: Mar 26, 2021 | Final Action Date: Apr 25, 2021 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF 456-2021a (i3r1), NSF 456-2021: Vaccine Storage (revision of ANSI/NSF 456-2021)  
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- ▶ ANSI/NSF 456-2021a (i4r1), NSF 456-2021: Vaccine Storage (revision of ANSI/NSF 456-2021)  
Public Review Date: Mar 26, 2021 | Final Action Date: Apr 25, 2021 | [Approved](#)

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- ▶ ANSI/NSF 456-2021a (i5r1), NSF 456-2021: Vaccine Storage (revision of ANSI/NSF 456-2021)  
Public Review Date: Mar 26, 2021 | Final Action Date: Apr 26, 2021 | [Approved](#)

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- ▶ ANSI/NSF 456-2021a (i6r1), NSF 456-2021: Vaccine Storage (revision of ANSI/NSF 456-2021)  
Public Review Date: Mar 26, 2021 | Final Action Date: Apr 26, 2021 | [Approved](#)

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- ▶ ANSI/NSF 457-2017 (i1r2ADJ), NSF/ANSI 457 Sustainability Leadership Standard for Photovoltaic Modules (new standard)  
PINS Date: Dec 26, 2014 | Public Review Date: Sep 1, 2017 | Final Action Date: Oct 16, 2017 | [Approved](#)

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- ▶ ANSI/NSF 457-2019 (i2r1), Sustainability Leadership Standard for Photovoltaic Modules (revision of ANSI/NSF 457-2017)  
Public Review Date: May 31, 2019 | Final Action Date: Jul 15, 2019 | [Approved](#)

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- ▶ ANSI/NSF 457-2019 (i3r1), Sustainability Leadership Standard for Photovoltaic Modules (revision of ANSI/NSF 457-2017)  
Public Review Date: Jun 7, 2019 | Final Action Date: Jul 22, 2019 | [Approved](#)

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- ▶ ANSI/NSF 457-2019 (i4r1), Sustainability Leadership Standard for Photovoltaic Modules (revision of ANSI/NSF 457-2017)  
Public Review Date: Jun 7, 2019 | Final Action Date: Jul 22, 2019 | [Approved](#)

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- ▶ ANSI/NSF 46-2014 (i24r1), Evaluation of Components Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2013)  
Public Review Date: Sep 19, 2014 | Final Action Date: Nov 4, 2014 | [Approved](#)

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- ▶ ANSI/NSF 46-2014 (i25r1), Evaluation of Components Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2013)  
Public Review Date: Sep 5, 2014 | Final Action Date: Nov 4, 2014 | [Approved](#)

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- ▶ ANSI/NSF 46-2014 (i26r1), Evaluation of Components Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2013)  
Public Review Date: Nov 7, 2014 | Final Action Date: Dec 7, 2014 | [Approved](#)

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- ▶ ANSI/NSF 46-2015 (i28r1), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2014)  
Public Review Date: Sep 11, 2015 | Final Action Date: Oct 7, 2015 | [Approved](#)

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- ▶ ANSI/NSF 46-2017 (i29r1), Evaluation of components and devices used in wastewater treatment systems (revision of ANSI/NSF 46-2016)  
Public Review Date: Feb 10, 2017 | Final Action Date: Mar 12, 2017 | [Approved](#)

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- ▶ ANSI/NSF 46-2018 (i31r1), NSF/ANSI 46-2017 - Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2017)  
Public Review Date: Apr 13, 2018 | Final Action Date: Jul 17, 2018 | [Approved](#)

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- ▶ ANSI/NSF 46-2018 (i31r2), NSF/ANSI 46-2017 - Evaluation of Components and Devices Used in Wastewater Treatment Systems (identical national adoption of and revision of ANSI/NSF 46-2017)  
Public Review Date: Jun 8, 2018 | Final Action Date: Jul 17, 2018 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF 46-2020 (i32r1), NSF 46 Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2018)

Public Review Date: Feb 7, 2020 | Final Action Date: Mar 10, 2020 | [Approved](#)

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- ▶ ANSI/NSF 46-2020 (i34r1), NSF 46: Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2018)

Public Review Date: Aug 21, 2020 | Final Action Date: Sep 20, 2020 | [Approved](#)

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- ▶ ANSI/NSF 46-2021 (i35r1), NSF 46-20XX: Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2020)

Public Review Date: Nov 13, 2020 | Final Action Date: Jan 5, 2021 | [Approved](#)

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- ▶ ANSI/NSF 46-2021 (i36r1), NSF 46-2020: Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2018)

Public Review Date: Oct 16, 2020 | Final Action Date: Jan 18, 2021 | [Approved](#)

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- ▶ ANSI/NSF 46-2021 (i37r1), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2020)

Public Review Date: Nov 27, 2020 | Final Action Date: Jan 7, 2021 | [Approved](#)

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- ▶ ANSI/NSF 46-2022 (i40r1), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2021)

Public Review Date: Jul 1, 2022 | Final Action Date: Nov 1, 2022 | [Approved](#)

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- ▶ ANSI/NSF 46-2022 (i41r1), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2021)

Public Review Date: Sep 2, 2022 | Final Action Date: Oct 3, 2022 | [Approved](#)

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- ▶ ANSI/NSF 46-2022 (i42r1), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2021)

Public Review Date: Jun 24, 2022 | Final Action Date: Sep 5, 2022 | [Approved](#)

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- ▶ ANSI/NSF 49-2014 (i48r7), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2012)

Public Review Date: Mar 21, 2014 | Final Action Date: Oct 17, 2014 | [Approved](#)

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- ▶ ANSI/NSF 49-2014 (i52r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2012)

Public Review Date: Nov 22, 2013 | Final Action Date: Oct 17, 2014 | [Approved](#)

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- ▶ ANSI/NSF 49-2014 (i53r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2012)

Public Review Date: Mar 21, 2014 | Final Action Date: Oct 17, 2014 | [Approved](#)

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- ▶ ANSI/NSF 49-2014 (i55r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2012)

Public Review Date: Apr 11, 2014 | Final Action Date: Oct 17, 2014 | [Approved](#)

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- ▶ ANSI/NSF 49-2014 (i72r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2012)

Public Review Date: Sep 26, 2014 | Final Action Date: Nov 10, 2014 | [Approved](#)

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- ▶ ANSI/NSF 49-2016 (i45r4), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)

Public Review Date: Jul 15, 2016 | Final Action Date: Aug 29, 2016 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF 49-2016 (i56r2), Biosafety Cabinetry: Design, Construction, Performance, and Field (revision of ANSI/NSF 49-2014)  
Public Review Date: Jul 31, 2015 | Final Action Date: Jun 17, 2016 | [Approved](#)

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- ▶ ANSI/NSF 49-2016 (i76r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014 and BSR/NSF 49-201x (i76r1))  
Public Review Date: May 13, 2016 | Final Action Date: Jun 24, 2016 | [Approved](#)

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- ▶ ANSI/NSF 49-2016 (i78r3), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)  
Public Review Date: Jun 10, 2016 | Final Action Date: Aug 1, 2016 | [Approved](#)

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- ▶ ANSI/NSF 49-2016 (i79r2), NSF 49 - Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)  
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- ▶ ANSI/NSF 49-2016 (i81r3), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)  
Public Review Date: Apr 15, 2016 | Final Action Date: Jun 1, 2016 | [Approved](#)

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- ▶ ANSI/NSF 49-2016 (i86r1), NSF 49 - Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)  
Public Review Date: Apr 22, 2016 | Final Action Date: Jul 1, 2016 | [Approved](#)

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- ▶ ANSI/NSF 49-2016 (i88r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)  
Public Review Date: Aug 5, 2016 | Final Action Date: Sep 4, 2016 | [Approved](#)

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- ▶ ANSI/NSF 49-2016 (i90r1), NSF 49 - Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)  
Public Review Date: Mar 25, 2016 | Final Action Date: Jun 24, 2016 | [Approved](#)

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- ▶ ANSI/NSF 49-2016 (i96r1), NSF 49 - 2016 - Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)  
Public Review Date: Aug 12, 2016 | Final Action Date: Sep 16, 2016 | [Approved](#)

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- ▶ ANSI/NSF 49-2017 (i73Br5), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2006 (i11))  
Public Review Date: Jan 20, 2017 | Final Action Date: Feb 19, 2017 | [Approved](#)

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- ▶ ANSI/NSF 49-2017 (i99r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)  
Public Review Date: Feb 3, 2017 | Final Action Date: Mar 5, 2017 | [Approved](#)

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- ▶ ANSI/NSF 49-2018 (i105r3), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)  
Public Review Date: Dec 29, 2017 | Final Action Date: Mar 23, 2018 | [Approved](#)

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- ▶ ANSI/NSF 49-2018 (i108r4), NSF 49 - Biosafety Cabinetry (revision of ANSI/NSF 49-2016)  
Public Review Date: Aug 17, 2018 | Final Action Date: Sep 19, 2018 | [Approved](#)

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- ▶ ANSI/NSF 49-2018 (i109r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 49-2018 (i110r3), NSF 49 - Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)

Public Review Date: Jun 29, 2018 | Final Action Date: Aug 1, 2018 | [Approved](#)

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- ▶ ANSI/NSF 49-2018 (i111r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)

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- ▶ ANSI/NSF 49-2018 (i112r2), NSF 49 - Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)

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- ▶ ANSI/NSF 49-2018 (i112r3), NSF 49 - Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)

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- ▶ ANSI/NSF 49-2018 (i115r2), NSF/ANSI 49 - Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)

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- ▶ ANSI/NSF 49-2018 (i117r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)

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- ▶ ANSI/NSF 49-2018 (i118r1), NSF 49 - Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)

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- ▶ ANSI/NSF 49-2018 (i121r1), NSF 49 - Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)

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- ▶ ANSI/NSF 49-2018 (i125r1), NSF 49 - Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)

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- ▶ ANSI/NSF 49-2018 (i125r2), NSF 49 - Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)

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- ▶ ANSI/NSF 49-2018 (i47r5), NSF 49 - Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)

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- ▶ ANSI/NSF 49-2018 (i59r2), NSF 49 - Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)

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- ▶ ANSI/NSF 49-2018 (i77r3), NSF 49 - Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)

Public Review Date: Aug 24, 2018 | Final Action Date: Sep 25, 2018 | [Approved](#)

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- ▶ ANSI/NSF 49-2019 (i120r2), NSF 49 - Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2018)

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**NSF (NSF International)**

- ▶ ANSI/NSF 49-2019 (i122r2), NSF 49 - Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)  
Public Review Date: Dec 28, 2018 | Final Action Date: Aug 12, 2019 | [Approved](#)

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- ▶ ANSI/NSF 49-2019 (i127r1), NSF 49: Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2018)  
Public Review Date: Feb 8, 2019 | Final Action Date: Aug 26, 2019 | [Approved](#)

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- ▶ ANSI/NSF 49-2019 (i133r2), Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)  
Public Review Date: Nov 23, 2018 | Final Action Date: Aug 5, 2019 | [Approved](#)

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- ▶ ANSI/NSF 49-2019 (i136r2), NSF 49 - Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2018)  
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- ▶ ANSI/NSF 49-2019 (i138r1), NSF 49: Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2018)  
Public Review Date: Oct 11, 2019 | Final Action Date: Nov 11, 2019 | [Approved](#)

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- ▶ ANSI/NSF 49-2019 (i140r1), NSF 49 - Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2018)  
Public Review Date: Sep 20, 2019 | Final Action Date: Oct 21, 2019 | [Approved](#)

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- ▶ ANSI/NSF 49-2019 (i146r1), NSF 49 - Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2018)  
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- ▶ ANSI/NSF 49-2019 (i147r1), NSF 49 - Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2018)  
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- ▶ ANSI/NSF 49-2019 (i148r1), NSF 49 - Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2018)  
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- ▶ ANSI/NSF 49-2020 (i130Ar1), NSF 49 - Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019)  
Public Review Date: May 29, 2020 | Final Action Date: Sep 1, 2020 | [Approved](#)

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- ▶ ANSI/NSF 49-2020 (i130r3), NSF 49 - Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2018)  
Public Review Date: Dec 6, 2019 | Final Action Date: Jan 7, 2020 | [Approved](#)

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- ▶ ANSI/NSF 49-2020 (i149r2), NSF - 49 Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019)  
Public Review Date: Dec 20, 2019 | Final Action Date: Feb 3, 2020 | [Approved](#)

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- ▶ ANSI/NSF 49-2020 (i151r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019)  
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- ▶ ANSI/NSF 49-2020 (i153r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019)  
Public Review Date: Oct 9, 2020 | Final Action Date: Nov 23, 2020 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF 49-2020 (i154r2), NSF 49-20XX: Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019)  
Public Review Date: Aug 14, 2020 | Final Action Date: Sep 17, 2020 | [Approved](#)

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- ▶ ANSI/NSF 49-2020 (i155r1), NSF 49: Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019)  
Public Review Date: May 29, 2020 | Final Action Date: Sep 8, 2020 | [Approved](#)

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- ▶ ANSI/NSF 49-2020 (i156r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019)  
Public Review Date: Aug 7, 2020 | Final Action Date: Sep 6, 2020 | [Approved](#)

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- ▶ ANSI/NSF 49-2020 (i157r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019)  
Public Review Date: Aug 7, 2020 | Final Action Date: Sep 6, 2020 | [Approved](#)

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- ▶ ANSI/NSF 49-2020 (i159r3), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019)  
Public Review Date: Jan 29, 2021 | Final Action Date: Feb 28, 2021 | [Approved](#)

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- ▶ ANSI/NSF 49-2020 (i54r6), NSF 49 - Biosafety Cabinetry - Design Construction, Performance and Field Certification (revision of ANSI/NSF 49-2019)  
Public Review Date: Dec 20, 2019 | Final Action Date: Jan 29, 2020 | [Approved](#)

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- ▶ ANSI/NSF 49-2020 (i92r9), NSF 49 - Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019)  
Public Review Date: Nov 22, 2019 | Final Action Date: Dec 28, 2019 | [Approved](#)

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- ▶ ANSI/NSF 49-2021 (i141r4), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019)  
Public Review Date: Nov 20, 2020 | Final Action Date: Jan 4, 2021 | [Approved](#)

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- ▶ ANSI/NSF 49-2021 (i160r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019)  
Public Review Date: Dec 18, 2020 | Final Action Date: Jan 27, 2021 | [Approved](#)

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- ▶ ANSI/NSF 49-2021 (i165r1), NSF 49-2020: Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 2, 2021 | [Approved](#)

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- ▶ ANSI/NSF 49-2022 (i135r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2020)  
Public Review Date: Mar 4, 2022 | Final Action Date: Aug 9, 2022 | [Approved](#)

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- ▶ ANSI/NSF 49-2022 (i142r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2020)  
Public Review Date: Mar 25, 2022 | Final Action Date: Aug 18, 2022 | [Approved](#)

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- ▶ ANSI/NSF 49-2022 (i143r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2020)  
Public Review Date: Apr 22, 2022 | Final Action Date: Aug 24, 2022 | [Approved](#)

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- ▶ ANSI/NSF 49-2022 (i161r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2020)  
Public Review Date: Jan 28, 2022 | Final Action Date: Aug 31, 2022 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF 49-2022 (i162r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2020)

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- ▶ ANSI/NSF 49-2022 (i166r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2020)

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- ▶ ANSI/NSF 49-2022 (i167r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2020)

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- ▶ ANSI/NSF 49-2022 (i168r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2020)

Public Review Date: Jul 23, 2021 | Final Action Date: Sep 28, 2022 | [Approved](#)

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- ▶ ANSI/NSF 49-2022 (i170r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2020)

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- ▶ ANSI/NSF 49-2022 (i171r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2020)

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- ▶ ANSI/NSF 5-2016 (i5r3), Water heaters, hot water supply boilers, and heat recovery equipment (revision of ANSI/NSF 5-2012)

Public Review Date: Dec 4, 2015 | Final Action Date: Jan 26, 2016 | [Approved](#)

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- ▶ ANSI/NSF 5-2019 (i10r1), NSF 5 - Water Heaters, Hot Water Supply Boilers, and Heat Recovery Equipment (revision of ANSI/NSF 5-2016)

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- ▶ ANSI/NSF 5-2019 (i9r1), NSF 5 - Water Heaters, Hot Water Supply Boilers, and Heat Recovery Equipment (revision of ANSI/NSF 5-2016)

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- ▶ ANSI/NSF 50-2015 (i100r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2014)

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- ▶ ANSI/NSF 50-2015 (i107r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2014)

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- ▶ ANSI/NSF 50-2015 (i74r5), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2014)

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- ▶ ANSI/NSF 50-2015 (i77r2), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2014))

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- ▶ ANSI/NSF 50-2015 (i91r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2013)

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**NSF (NSF International)**

- ▶ ANSI/NSF 50-2015 (i92r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2013)

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- ▶ ANSI/NSF 50-2016 (i102r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2015)

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- ▶ ANSI/NSF 50-2016 (i109r1), NSF/ANSI 50-2015: Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2015)

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- ▶ ANSI/NSF 50-2016 (i112), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2015)

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- ▶ ANSI/NSF 50-2016 (i113r2), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2015 and BSR/NSF 50-201x (i113r1))

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- ▶ ANSI/NSF 50-2016 (i114r1), NSF/ANSI 50-2015: Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2015)

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- ▶ ANSI/NSF 50-2016 (i118r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

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- ▶ ANSI/NSF 50-2016 (i89r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2013)

Public Review Date: Aug 15, 2014 | Final Action Date: Feb 19, 2016 | [Approved](#)

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- ▶ ANSI/NSF 50-2016 (i99r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2013)

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- ▶ ANSI/NSF 50-2017 (i110), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2015)

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- ▶ ANSI/NSF 50-2017 (i116r1), NSF/ANSI 50: Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

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- ▶ ANSI/NSF 50-2017 (i119r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

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- ▶ ANSI/NSF 50-2017 (i120r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

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- ▶ ANSI/NSF 50-2017 (i121r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

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**NSF (NSF International)**

- ▶ ANSI/NSF 50-2017 (i123r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

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- ▶ ANSI/NSF 50-2017 (i125r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

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- ▶ ANSI/NSF 50-2017 (i125r2), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

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- ▶ ANSI/NSF 50-2017 (i128r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

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- ▶ ANSI/NSF 50-2017 (i129r2), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

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- ▶ ANSI/NSF 50-2017 (i131r1), NSF/ANSI 50 Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

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- ▶ ANSI/NSF 50-2018 (i111r2), NSF/ANSI 50 - Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

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- ▶ ANSI/NSF 50-2018 (i126r1), NSF/ANSI 50 Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

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- ▶ ANSI/NSF 50-2018 (i132r1), NSF/ANSI 50 Equipment for Swimming Pools, Spas, Hot Tubs (revision of ANSI/NSF 50-2016)

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- ▶ ANSI/NSF 50-2018 (i133r1), NSF 50 Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

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- ▶ ANSI/NSF 50-2018 (i134r1), NSF 50 Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016a)

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- ▶ ANSI/NSF 50-2018 (i135r1), NSF/ANSI 50-2016-Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

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- ▶ ANSI/NSF 50-2018 (i135r2), NSF 50 Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016a)

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- ▶ ANSI/NSF 50-2018 (i136r1), NSF 50 Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

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**NSF (NSF International)**

- ▶ ANSI/NSF 50-2018 (i137r1), NSF 50-2018-Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)  
Public Review Date: Dec 29, 2017 | Final Action Date: Mar 5, 2018 | [Approved](#)

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- ▶ ANSI/NSF 50-2019 (i138r5), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2017)  
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- ▶ ANSI/NSF 50-2019 (i143r2), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2017)  
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- ▶ ANSI/NSF 50-2019 (i145r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2017)  
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- ▶ ANSI/NSF 50-2019 (i146r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2017)  
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- ▶ ANSI/NSF 50-2019 (i147r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2017)  
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- ▶ ANSI/NSF 50-2019 (i148r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2017)  
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- ▶ ANSI/NSF 50-2019 (i149r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2017)  
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- ▶ ANSI/NSF 50-2019 (i150r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2018)  
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- ▶ ANSI/NSF 50-2019 (i151r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2017)  
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- ▶ ANSI/NSF 50-2019 (i152r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2018)  
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- ▶ ANSI/NSF 50-2019 (i153r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2018)  
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- ▶ ANSI/NSF 50-2019 (i154r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2017)  
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- ▶ ANSI/NSF 50-2019 (i155r1), NSF 50 - Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2017)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 50-2019 (i156r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2017)  
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- ▶ ANSI/NSF 50-2019 (i157r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2018)  
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- ▶ ANSI/NSF 50-2019 (i158r2), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2018)  
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- ▶ ANSI/NSF 50-2020 (i167r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2019)  
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- ▶ ANSI/NSF 50-2021 (i170r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)  
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- ▶ ANSI/NSF 50-2021 (i174r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2020)  
Public Review Date: Apr 23, 2021 | Final Action Date: Jun 8, 2021 | [Approved](#)

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- ▶ ANSI/NSF 505-2021 (i1r3), NSF 505-20XX: Conformity Assessment Requirements for Certification Bodies that Certify Pool Chemicals Pursuant to NSF/ANSI/CAN 50: Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (new standard)  
PINS Date: Dec 20, 2019 | Public Review Date: May 21, 2021 | Final Action Date: Jul 30, 2021 | [Approved](#)

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- ▶ ANSI/NSF 505-2021 (i2r1), Conformity Assessment Requirements for Certification Bodies that Certify Products Pursuant to NSF/ANSI/CAN 50: Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water (revision of ANSI/NSF 505-2021)  
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- ▶ ANSI/NSF 51-2017 (i15r1), NSF/ANSI 51 Food Equipment Materials (revision of ANSI/NSF 51-2014)  
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- ▶ ANSI/NSF 51-2018 (i14Br1), NSF 51 - Food Equipment Materials (revision of ANSI/NSF 51-2014)  
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- ▶ ANSI/NSF 51-2018 (i14r1), NSF 51 - Food Equipment Materials (revision of ANSI/NSF 51-2014)  
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- ▶ ANSI/NSF 51-2019 (i16r2), NSF 51: Food Equipment Materials (revision of ANSI/NSF 51-2017)  
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- ▶ ANSI/NSF 51-2019 (i18r1), NSF 51 - Food Equipment Materials (revision of ANSI/NSF 51-2017)  
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- ▶ ANSI/NSF 51-2019 (i19r1), NSF 51 - Food Equipment Materials (revision of ANSI/NSF 51-2018)  
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- ▶ ANSI/NSF 51-2021 (i17r3), Food Equipment Materials (revision of ANSI/NSF 51-2019)  
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- ▶ ANSI/NSF 51-2021 (i25r1), Food Equipment Materials (revision of ANSI/NSF 51-2019)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 51-2022 (i22r2), Food Equipment Materials (revision of ANSI/NSF 51-2019)  
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- ▶ ANSI/NSF 51-2022 (i26r1), Food Equipment Materials (revision of ANSI/NSF 51-2019)  
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- ▶ ANSI/NSF 52-2017 (i7r1), Supplemental Flooring (revision of ANSI/NSF 52-2012)  
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- ▶ ANSI/NSF 52-2020 (i8r1), NSF 52 - Supplemental Flooring (revision of ANSI/NSF 52-2017)  
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- ▶ ANSI/NSF 53-2014 (i92), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2013)  
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- ▶ ANSI/NSF 53-2015 (i100), Drinking Water Treatment Systems - Health Effects (revision of ANSI/NSF 53-2014)  
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- ▶ ANSI/NSF 53-2015 (i101), Drinking Water Treatment Systems - Health Effects (revision of ANSI/NSF 53-2015)  
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- ▶ ANSI/NSF 53-2015 (i85r5), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2014)  
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- ▶ ANSI/NSF 53-2015 (i98r1), Drinking water treatment units - Health effects (revision of ANSI/NSF 53-2014)  
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- ▶ ANSI/NSF 53-2015 (i99r2), Drinking water treatment units - Health effects (revision of ANSI/NSF 53-2014)  
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- ▶ ANSI/NSF 53-2016 (i104r1), NSF 53-2016 - Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2015)  
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- ▶ ANSI/NSF 53-2016 (i87r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2015)  
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- ▶ ANSI/NSF 53-2017 (i103r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2015)  
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- ▶ ANSI/NSF 53-2017 (i106r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2016)  
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- ▶ ANSI/NSF 53-2017 (i107), NSF/ANSI 53 Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2016)  
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- ▶ ANSI/NSF 53-2018 (i108r2), NSF 53- Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2016)  
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- ▶ ANSI/NSF 53-2018 (i109r1), NSF 53 - Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2017)  
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- ▶ ANSI/NSF 53-2018 (i112r2), NSF 53 - Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53-2017)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 53-2018 (i113r1), NSF 53 - Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53 -2018)  
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- ▶ ANSI/NSF 53-2018 (i114r1), NSF 53 - Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53 -2017)  
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- ▶ ANSI/NSF 53-2019 (i115r3), NSF 53 - Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53 -2018)  
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- ▶ ANSI/NSF 53-2019 (i118r1), NSF 53 - Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53 -2018)  
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- ▶ ANSI/NSF 53-2019 (i119r1), NSF 53 - Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53 -2018)  
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- ▶ ANSI/NSF 53-2020 (i121r1), NSF 53-20XX: Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53 -2019)  
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- ▶ ANSI/NSF 53-2020 (i122r1), NSF 53-2020: Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53 -2019)  
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- ▶ ANSI/NSF 53-2020 (i123r1), NSF 53 - Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53 -2019)  
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- ▶ ANSI/NSF 53-2020 (i124r2), NSF 53-2020: Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53 -2019)  
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- ▶ ANSI/NSF 53-2020 (i126r1), Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53-2019)  
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- ▶ ANSI/NSF 53-2021 (i128r1), Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53-2019)  
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- ▶ ANSI/NSF 53-2021 (i129r1), Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53-2020)  
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- ▶ ANSI/NSF 53-2021 (i131r1), Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53-2020)  
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- ▶ ANSI/NSF 53-2021 (i134r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2020)  
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- ▶ ANSI/NSF 53-2021 (i135r1), Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53-2020)  
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- ▶ ANSI/NSF 53-2021 (i136r1), Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53-2020)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 53-2021 (i137r1), Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53-2020)  
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- ▶ ANSI/NSF 53-2021 (i138r1), Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53-2020)  
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- ▶ ANSI/NSF 53-2021 (i139r2), Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53-2020)  
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- ▶ ANSI/NSF 53-2021 (i140r1), Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53-2020)  
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- ▶ ANSI/NSF 53-2022 (i125r3), Drinking Water Treatment Units - Health Affects (revision of ANSI/NSF 53-2021)  
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- ▶ ANSI/NSF 53-2022 (i132r2), Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53-2021)  
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- ▶ ANSI/NSF 53-2022 (i141r1), Drinking Water Treatment Units - Health Affects (revision of ANSI/NSF 53-2021)  
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- ▶ ANSI/NSF 53-2022 (i142r1), Drinking Water Treatment Units - Health Affects (revision of ANSI/NSF 53-2021)  
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- ▶ ANSI/NSF 53-2022 (i144r1), Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53-2021)  
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- ▶ ANSI/NSF 53-2022 (i146r1), Drinking Water Treatment Units – Health Effects (revision of ANSI/NSF 53-2021)  
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- ▶ ANSI/NSF 53-2022 (i147r1), Drinking Water Treatment Units - Health Affects (revision of ANSI/NSF 53-2021)  
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- ▶ ANSI/NSF 53-2022 (i148r1), Drinking Water Treatment Units - Health Affects (revision of ANSI/NSF 53-2021)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 9, 2022 | [Approved](#)

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- ▶ ANSI/NSF 53-2022 (i150r1), Drinking Water Treatment Units - Health Affects (revision of ANSI/NSF 53-2021)  
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- ▶ ANSI/NSF 55-2014 (i37), Ultraviolet Microbiological Water Treatment System (revision of ANSI/NSF 55-2013)  
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- ▶ ANSI/NSF 55-2014 (i38r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2013)  
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- ▶ ANSI/NSF 55-2014 (i39r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2013)  
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- ▶ ANSI/NSF 55-2015 (i40r2), Ultraviolet Microbiological Water Treatment System (revision of ANSI/NSF 55-2014)  
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- ▶ ANSI/NSF 55-2016 (i42r1), NSF 55-2016 - Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2015)  
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- ▶ ANSI/NSF 55-2017 (i43r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2016)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 55-2017 (i44), NSF/ANSI 55 Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2017)  
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- ▶ ANSI/NSF 55-2018 (i45r2), NSF 55 - Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2017)  
Public Review Date: Jun 22, 2018 | Final Action Date: Jul 31, 2018 | [Approved](#)

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- ▶ ANSI/NSF 55-2018 (i46r1), NSF 55 - Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2017)  
Public Review Date: Jul 13, 2018 | Final Action Date: Aug 13, 2018 | [Approved](#)

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- ▶ ANSI/NSF 55-2018 (i47r1), NSF/ANSI 55 - Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2017)  
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- ▶ ANSI/NSF 55-2019 (i49r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2018)  
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- ▶ ANSI/NSF 55-2020 (i51r1), NSF 55 - Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2019)  
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- ▶ ANSI/NSF 55-2021 (i52r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2019)  
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- ▶ ANSI/NSF 55-2021 (i53r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2019)  
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- ▶ ANSI/NSF 55-2021 (i54r1), NSF 55 - Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2019)  
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- ▶ ANSI/NSF 55-2021 (i55r1), NSF/ANSI 55 Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2019)  
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- ▶ ANSI/NSF 55-2021 (i57r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2019)  
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- ▶ ANSI/NSF 55-2021 (i58r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2020)  
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- ▶ ANSI/NSF 55-2021 (i59r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2021)  
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- ▶ ANSI/NSF 55-2021 (i60r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2020)  
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- ▶ ANSI/NSF 55-2022 (i61r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2021)  
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- ▶ ANSI/NSF 55-2022 (i62r1), Ultraviolet Microbiological Drinking Water Treatment Systems (revision of ANSI/NSF 55-2021)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 55-2022 (i63r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2021)  
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- ▶ ANSI/NSF 55-2022 (i64r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2021)  
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- ▶ ANSI/NSF 55-2023 (i65r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2021)  
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- ▶ ANSI/NSF 58-2014 (i65), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2013)  
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- ▶ ANSI/NSF 58-2014 (i67r2), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2013)  
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- ▶ ANSI/NSF 58-2015 (i68r2), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2014)  
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- ▶ ANSI/NSF 58-2015 (i69r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2014)  
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- ▶ ANSI/NSF 58-2015 (i70), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2014)  
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- ▶ ANSI/NSF 58-2015 (i71), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2014)  
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- ▶ ANSI/NSF 58-2016 (i72r2), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2015)  
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- ▶ ANSI/NSF 58-2016 (i76r1), NSF 58-2016 - Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2015)  
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- ▶ ANSI/NSF 58-2016 (i77r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2015)  
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- ▶ ANSI/NSF 58-2017 (i78r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2016)  
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- ▶ ANSI/NSF 58-2017 (i79), NSF/ANSI 58 Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2017)  
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- ▶ ANSI/NSF 58-2018 (i80r2), NSF 58 - Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2017)  
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- ▶ ANSI/NSF 58-2018 (i83r1), NSF 58 - Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2017)  
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- ▶ ANSI/NSF 58-2019 (i82r1), NSF 58 - Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2017)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 58-2019 (i86r1), NSF 58 - Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2018)

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- ▶ ANSI/NSF 58-2020 (i89r1), NSF 58 - Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2018)

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- ▶ ANSI/NSF 58-2021 (i91r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2020)

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- ▶ ANSI/NSF 58-2021 (i92r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2019)

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- ▶ ANSI/NSF 58-2021 (i95r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2020)

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- ▶ ANSI/NSF 58-2021 (i96r2), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2020)

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- ▶ ANSI/NSF 58-2022 (i100r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2021)

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- ▶ ANSI/NSF 58-2022 (i101r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2021)

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- ▶ ANSI/NSF 58-2022 (i102r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2021)

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- ▶ ANSI/NSF 58-2022 (i103r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2021)

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- ▶ ANSI/NSF 58-2022 (i90r3), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2021)

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- ▶ ANSI/NSF 58-2022 (i97r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2021)

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- ▶ ANSI/NSF 59-2017 (i7r1), NSF 59-2012 Mobile Food Carts (revision of ANSI/NSF 59-2015)

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- ▶ ANSI/NSF 59-2020 (i10r1), Mobile Food Carts (revision of ANSI/NSF 59-2017)

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- ▶ ANSI/NSF 59-2020 (i8r1), NSF 59 - Mobile Food Carts (revision of ANSI/NSF 59-2017)

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- ▶ ANSI/NSF 59-2020 (i9r1), Mobile Food Carts (revision of ANSI/NSF 59-2017)

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- ▶ ANSI/NSF 6-2014 (i10r2), Dispensing Freezers (revision of ANSI/NSF 6-2012)

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- ▶ ANSI/NSF 6-2016 (i11r3), Dispensing Freezers (revision of ANSI/NSF 6-2014 (i10r1))

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**NSF (NSF International)**

- ▶ ANSI/NSF 6-2018 (i13r2), NSF/ANSI 6 - Dispensing Freezers (revision of ANSI/NSF 6-2016)  
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- ▶ ANSI/NSF 6-2018 (i14r3), NSF 6 - Dispensing Freezers (revision of ANSI/NSF 6-2016)  
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- ▶ ANSI/NSF 6-2021 (i15r1), NSF 6 - Dispensing Freezers (revision of ANSI/NSF 6-2018)  
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- ▶ ANSI/NSF 6-2021 (i16r1), NSF 6 - Dispensing Freezers (revision of ANSI/NSF 6-2018)  
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- ▶ ANSI/NSF 6-2021 (i17r1), Dispensing Freezers (revision of ANSI/NSF 6-2018)  
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- ▶ ANSI/NSF 6-2021 (i18r1), Dispensing Freezers (revision of ANSI/NSF 6-2018)  
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- ▶ ANSI/NSF 6-2021 (i19r1), Dispensing Freezers (revision of ANSI/NSF 6-2018)  
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- ▶ ANSI/NSF 6-2021 (i20r1), Dispensing Freezers (revision of ANSI/NSF 6-2018)  
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- ▶ ANSI/NSF 60-2014 (i64r1), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF 60-2013)  
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- ▶ ANSI/NSF 60-2014 (i65r1), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF 60-2013)  
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- ▶ ANSI/NSF 60-2015 (i68r1), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF 60-2014a)  
Public Review Date: May 22, 2015 | Final Action Date: Oct 6, 2015 | [Approved](#)

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- ▶ ANSI/NSF 60-2015 (i69), Drinking Water Treatment Chemicals: Health Effects (revision of ANSI/NSF 60-2014a)  
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- ▶ ANSI/NSF 60-2016 (i66r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2015)  
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- ▶ ANSI/NSF 60-2016 (i70r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2014a)  
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- ▶ ANSI/NSF 60-2016 (i71r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2014a)  
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- ▶ ANSI/NSF 60-2016 (i72r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2015)  
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- ▶ ANSI/NSF 60-2016 (i73r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2015)  
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- ▶ ANSI/NSF 60-2016 (i74r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2015)  
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- ▶ ANSI/NSF 60-2016 (i75r1), NSF 60-2015 - Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2015)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 60-2017 (i76r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2016)  
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- ▶ ANSI/NSF 60-2017 (i77r1), NSF 60-2016 - Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2016)  
Public Review Date: Aug 4, 2017 | Final Action Date: Oct 12, 2017 | [Approved](#)

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- ▶ ANSI/NSF 60-2017 (i78r1), NSF 60 - Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF 60-2016)  
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- ▶ ANSI/NSF 60-2018 (i79r1), NSF 60 - Drinking Water Treatment Chemicals – Health Effects (revision of ANSI/NSF 60-2017)  
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- ▶ ANSI/NSF 61-2014 (i109r2), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2013 and BSR/NSF 61-201x (i109r1))  
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- ▶ ANSI/NSF 61-2014 (i115r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2013)  
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- ▶ ANSI/NSF 61-2014a (i119r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2014)  
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- ▶ ANSI/NSF 61-2015 (i118), Drinking Water System Components: Health Effects (revision of ANSI/NSF 61-2013)  
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- ▶ ANSI/NSF 61-2015 (i120r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2014)  
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- ▶ ANSI/NSF 61-2015 (i121), Drinking Water System Components: Health Effects (revision of ANSI/NSF 61-2014a)  
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- ▶ ANSI/NSF 61-2015 (i122), Drinking Water System Components: Health Effects (revision of ANSI/NSF 61-2014a)  
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- ▶ ANSI/NSF 61-2015 (i124), Drinking Water System Components: Health Effects (revision of ANSI/NSF 61-2014a)  
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- ▶ ANSI/NSF 61-2015 (i125), Drinking Water System Components: Health Effects (revision of ANSI/NSF 61-2014a)  
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- ▶ ANSI/NSF 61-2015 (i126), Drinking Water System Components: Health Effects (revision of ANSI/NSF 61-2014a)  
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- ▶ ANSI/NSF 61-2016 (i110r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2013)  
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- ▶ ANSI/NSF 61-2016 (i123r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2015)  
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- ▶ ANSI/NSF 61-2016 (i128), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2014a)  
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- ▶ ANSI/NSF 61-2016 (i129), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2015 (i125))  
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**NSF (NSF International)**

- ▶ ANSI/NSF 61-2016 (i130), Drinking Water System Components - Health effects (revision of ANSI/NSF 61-2015)  
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- ▶ ANSI/NSF 61-2016 (i131r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2015)  
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- ▶ ANSI/NSF 61-2016 (i132r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2015)  
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- ▶ ANSI/NSF 61-2016 (i133r1), NSF 61-2015 - Drinking Water System Components - Health effects (revision of ANSI/NSF 61-2015)  
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- ▶ ANSI/NSF 61-2017 (i127r2), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2016)  
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- ▶ ANSI/NSF 61-2017 (i134r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2016)  
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- ▶ ANSI/NSF 61-2017 (i135r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2016)  
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- ▶ ANSI/NSF 61-2017 (i136r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2016)  
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- ▶ ANSI/NSF 61-2017 (i137r1), NSF 61-2016 - Drinking Water System Components - Health effects (revision of ANSI/NSF 61-2016)  
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- ▶ ANSI/NSF 61-2017 (i137r2), NSF 61-2016 - Drinking Water System Components - Health effects (revision of ANSI/NSF 61-2016)  
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- ▶ ANSI/NSF 61-2017 (i138r1), NSF 61 - Drinking Water System Components - Health effects (revision of ANSI/NSF 61-2016)  
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- ▶ ANSI/NSF 61-2018 (i138r), NSF/ANSI 61: Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2017)  
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- ▶ ANSI/NSF 61-2018 (i140r1), NSF/ANSI 61 Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2017)  
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- ▶ ANSI/NSF 61-2018 (i141r1), NSF 61 - Drinking Water System Components – Health Effects (revision of ANSI/NSF 61-2017)  
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- ▶ ANSI/NSF 62-2014 (i24), Drinking Water Distillation Systems (revision of ANSI/NSF 62-2012)  
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- ▶ ANSI/NSF 62-2014 (i25r1), Drinking Water Distillation Systems (revision of ANSI/NSF 62-2013)  
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- ▶ ANSI/NSF 62-2015 (i26r2), Drinking Water Distillation Systems (revision of ANSI/NSF 62-2014)  
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**NSF (NSF International)**

- ▶ ANSI/NSF 62-2015 (i27), Drinking Water Distillation Systems (revision of ANSI/NSF 62-2014)  
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- ▶ ANSI/NSF 62-2016 (i28r1), Drinking Water Distillation Systems (revision of ANSI/NSF 62-2015)  
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- ▶ ANSI/NSF 62-2016 (i30r1), NSF 62-2016 - Drinking Water Distillation Systems (revision of ANSI/NSF 62-2015)  
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- ▶ ANSI/NSF 62-2016 (i31r1), Drinking Water Distillation Systems (revision of ANSI/NSF 62-2015)  
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- ▶ ANSI/NSF 62-2017 (i32r1), Drinking Water Distillation Systems (revision of ANSI/NSF 62-2016)  
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- ▶ ANSI/NSF 62-2017 (i33r1), NSF 62-2016 - Drinking Water Distillation Systems (revision of ANSI/NSF 62-2016)  
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- ▶ ANSI/NSF 62-2017 (i34), NSF/ANSI 62 Drinking Water Distillation Systems (revision of ANSI/NSF 62-2016)  
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- ▶ ANSI/NSF 62-2018 (i35r1), NSF 62 - Drinking Water Distillation Systems (revision of ANSI/NSF 62-2017)  
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- ▶ ANSI/NSF 62-2019 (i37r1), NSF 62 - Drinking Water Distillation Systems (revision of ANSI/NSF 62-2018)  
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- ▶ ANSI/NSF 62-2020 (i38r1), NSF 62 - Drinking Water Distillation Systems (revision of ANSI/NSF 62-2018)  
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- ▶ ANSI/NSF 62-2021 (i40r1), Drinking Water Distillation Systems (revision of ANSI/NSF 62-2019)  
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- ▶ ANSI/NSF 62-2021 (i42r1), Drinking Water Distillation Systems (revision of ANSI/NSF 62-2020)  
Public Review Date: Jul 2, 2021 | Final Action Date: Aug 16, 2021 | [Approved](#)

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- ▶ ANSI/NSF 62-2021 (i43r1), Drinking Water Distillation Systems (revision of ANSI/NSF 62-2020)  
Public Review Date: Aug 27, 2021 | Final Action Date: Oct 11, 2021 | [Approved](#)

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- ▶ ANSI/NSF 62-2022 (i44r1), Drinking Water Distillation Systems (revision of ANSI/NSF 62-2021)  
Public Review Date: Aug 19, 2022 | Final Action Date: Oct 3, 2022 | [Approved](#)

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- ▶ ANSI/NSF 62-2022 (i45r1), Drinking Water Distillation Systems (revision of ANSI/NSF 62-2021)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 7, 2022 | [Approved](#)

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- ▶ ANSI/NSF 62-2023 (i46r1), Drinking Water Distillation Systems (revision of ANSI/NSF 62-2021)  
Public Review Date: Dec 16, 2022 | Final Action Date: Jan 19, 2023 | [Approved](#)

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- ▶ ANSI/NSF 7-2016 (i13r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2014)  
Public Review Date: Nov 13, 2015 | Final Action Date: May 4, 2016 | [Approved](#)

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- ▶ ANSI/NSF 7-2016 (i10r5), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2014)  
Public Review Date: Jul 1, 2016 | Final Action Date: Jul 31, 2016 | [Approved](#)

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- ▶ ANSI/NSF 7-2016 (i15r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2014)  
Public Review Date: Jan 22, 2016 | Final Action Date: Jul 7, 2016 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF 7-2016 (i9r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2014)  
Public Review Date: Feb 19, 2016 | Final Action Date: May 6, 2016 | [Approved](#)

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- ▶ ANSI/NSF 7-2019 (i20r3), NSF 7 - Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2016)  
Public Review Date: Jun 14, 2019 | Final Action Date: Oct 9, 2019 | [Approved](#)

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- ▶ ANSI/NSF 7-2019 (i21r2), NSF 7 - Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2016)  
Public Review Date: Dec 21, 2018 | Final Action Date: Oct 17, 2019 | [Approved](#)

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- ▶ ANSI/NSF 7-2019 (i22r1), NSF 7 - Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2016)  
Public Review Date: Apr 5, 2019 | Final Action Date: Oct 18, 2019 | [Approved](#)

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- ▶ ANSI/NSF 7-2021 (i17r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2019)  
Public Review Date: May 14, 2021 | Final Action Date: Jun 13, 2021 | [Approved](#)

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- ▶ ANSI/NSF 7-2021 (i24r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2019)  
Public Review Date: Jan 22, 2021 | Final Action Date: Jun 15, 2021 | [Approved](#)

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- ▶ ANSI/NSF 7-2021 (i25r2), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2019)  
Public Review Date: Sep 24, 2021 | Final Action Date: Oct 24, 2021 | [Approved](#)

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- ▶ ANSI/NSF 7-2021 (i26r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2019)  
Public Review Date: Jun 18, 2021 | Final Action Date: Aug 2, 2021 | [Approved](#)

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- ▶ ANSI/NSF 8-2017 (i12r1), Commercial Powered Food Preparation Equipment (revision of ANSI/NSF 8-2007 (i6))  
Public Review Date: Dec 23, 2016 | Final Action Date: Feb 9, 2017 | [Approved](#)

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- ▶ ANSI/NSF 8-2018 (i11r1), NSF 8 - 2012 - Commercial Powered Food Preparation Equipment (revision of ANSI/NSF 8-2012)  
Public Review Date: Dec 16, 2016 | Final Action Date: Jan 12, 2018 | [Approved](#)

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- ▶ ANSI/NSF 8-2018 (i13r1), NSF 8-2012-Commercial Powered Food Preparation Equipment (revision of ANSI/NSF 8-2012)  
Public Review Date: Nov 17, 2017 | Final Action Date: Jan 30, 2018 | [Approved](#)

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- ▶ ANSI/NSF 8-2021 (i16r1), Commercial Powered Food Preparation Equipment (revision of ANSI/NSF 8-2018)  
Public Review Date: Sep 28, 2018 | Final Action Date: Feb 14, 2021 | [Approved](#)

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- ▶ ANSI/NSF 8-2021 (i17r1), NSF 8 - Commercial Powered Food Preparation Equipment (revision of ANSI/NSF 8-2018)  
Public Review Date: Apr 26, 2019 | Final Action Date: Feb 16, 2021 | [Approved](#)

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- ▶ ANSI/NSF 8-2021 (i18r1), Commercial Powered Food Preparation Equipment (revision of ANSI/NSF 8-2018)  
Public Review Date: Sep 18, 2020 | Final Action Date: Feb 1, 2021 | [Approved](#)

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- ▶ ANSI/NSF 8-2021 (i19r1), Commercial Powered Food Preparation Equipment (revision of ANSI/NSF 8-2018)  
Public Review Date: Jan 22, 2021 | Final Action Date: Mar 8, 2021 | [Approved](#)

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- ▶ ANSI/NSF 8-2021 (i20r1), Commercial Powered Food Preparation Equipment (revision of ANSI/NSF 8-2018)  
Public Review Date: Jun 18, 2021 | Final Action Date: Aug 2, 2021 | [Approved](#)

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- ▶ ANSI/NSF/AWWA 375-2020 (i2r1), NSF/AWWA 375 – Sustainability Assessment for Water Contact Products (revision and redesignation of ANSI/NSF 375-2016)  
Public Review Date: Jan 24, 2020 | Final Action Date: Feb 25, 2020 | [Approved](#)

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- ▶ ANSI/NSF/CAN 372-2020 (i5r1), Drinking Water System Components – Lead Content (revision and redesignation of ANSI/NSF 372-2016)  
Public Review Date: Aug 14, 2020 | Final Action Date: Sep 29, 2020 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF/CAN 372-2022 (i6r1), 372-20XX: Drinking Water System Components – Lead Content (revision of ANSI/NSF/CAN 372-2020)  
Public Review Date: Jan 28, 2022 | Final Action Date: Mar 21, 2022 | [Approved](#)

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- ▶ ANSI/NSF/CAN 50-2019 (i159r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision and redesignation of ANSI/NSF 50-2017)  
Public Review Date: Sep 13, 2019 | Final Action Date: Nov 19, 2019 | [Approved](#)

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- ▶ ANSI/NSF/CAN 50-2020 (i139r4), NSF 50 - Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2019)  
Public Review Date: Mar 13, 2020 | Final Action Date: Oct 27, 2020 | [Approved](#)

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- ▶ ANSI/NSF/CAN 50-2020 (i141r3), NSF/CAN 50 - Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2019)  
Public Review Date: Apr 3, 2020 | Final Action Date: Oct 23, 2020 | [Approved](#)

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- ▶ ANSI/NSF/CAN 50-2020 (i160r6), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2019)  
Public Review Date: Nov 6, 2020 | Final Action Date: Dec 23, 2020 | [Approved](#)

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- ▶ ANSI/NSF/CAN 50-2020 (i163r2), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2019)  
Public Review Date: Sep 11, 2020 | Final Action Date: Nov 11, 2020 | [Approved](#)

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- ▶ ANSI/NSF/CAN 50-2020 (i164r2), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2019)  
Public Review Date: Sep 4, 2020 | Final Action Date: Oct 21, 2020 | [Approved](#)

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- ▶ ANSI/NSF/CAN 50-2021 (i140r6), 50-2021: Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)  
Public Review Date: Mar 25, 2022 | Final Action Date: May 16, 2022 | [Approved](#)

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- ▶ ANSI/NSF/CAN 50-2021 (i165r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2019)  
Public Review Date: Nov 6, 2020 | Final Action Date: Jan 4, 2021 | [Approved](#)

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- ▶ ANSI/NSF/CAN 50-2021 (i175r2), 50 - Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)  
Public Review Date: Sep 3, 2021 | Final Action Date: Dec 1, 2021 | [Approved](#)

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- ▶ ANSI/NSF/CAN 50-2021 (i176r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)  
Public Review Date: Sep 10, 2021 | Final Action Date: Nov 30, 2021 | [Approved](#)

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- ▶ ANSI/NSF/CAN 50-2021 (i177r1), 50-20XX: Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)  
Public Review Date: Jul 23, 2021 | Final Action Date: Dec 2, 2021 | [Approved](#)

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- ▶ ANSI/NSF/CAN 50-2021 (i179r1), 50 - Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)  
Public Review Date: Sep 3, 2021 | Final Action Date: Dec 10, 2021 | [Approved](#)

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- ▶ ANSI/NSF/CAN 50-2021 (i182r1), 50-20XX: Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)  
Public Review Date: Nov 12, 2021 | Final Action Date: Dec 27, 2021 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF/CAN 50-2022 (i106r16), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)  
Public Review Date: May 20, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)

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- ▶ ANSI/NSF/CAN 50-2022 (i162r4), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)  
Public Review Date: Feb 4, 2022 | Final Action Date: Mar 25, 2022 | [Approved](#)

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- ▶ ANSI/NSF/CAN 50-2022 (i171r3), 50-2021 Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)  
Public Review Date: Feb 25, 2022 | Final Action Date: Apr 11, 2022 | [Approved](#)

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- ▶ ANSI/NSF/CAN 50-2022 (i180r1), 50-20XX: Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)  
Public Review Date: Nov 19, 2021 | Final Action Date: Jan 4, 2022 | [Approved](#)

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- ▶ ANSI/NSF/CAN 50-2022 (i181r1), 50-20XX: Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)  
Public Review Date: Dec 3, 2021 | Final Action Date: Apr 28, 2022 | [Approved](#)

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- ▶ ANSI/NSF/CAN 50-2022 (i183r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)  
Public Review Date: Feb 4, 2022 | Final Action Date: Mar 23, 2022 | [Approved](#)

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- ▶ ANSI/NSF/CAN 50-2022 (i186r2), 50-20XX Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)  
Public Review Date: Apr 15, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ ANSI/NSF/CAN 50-2022 (i188r1), 50-2021: Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2020)  
Public Review Date: May 13, 2022 | Final Action Date: Jun 27, 2022 | [Approved](#)

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- ▶ ANSI/NSF/CAN 50-2022 (i191r1), 50-2021: Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF/CAN 50-2022)  
Public Review Date: Aug 5, 2022 | Final Action Date: Sep 19, 2022 | [Approved](#)

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- ▶ ANSI/NSF/CAN 60-2019 (i80r1), NSF 60 - Drinking Water Treatment Chemicals – Health Effects (revision of ANSI/NSF 60-2018)  
Public Review Date: Mar 22, 2019 | Final Action Date: Jun 18, 2019 | [Approved](#)

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- ▶ ANSI/NSF/CAN 60-2019 (i81r1), NSF/CAN 60 - Drinking Water Treatment Chemicals – Health Effects (revision and redesignation of ANSI/NSF 60-2018)  
Public Review Date: Jun 7, 2019 | Final Action Date: Sep 4, 2019 | [Approved](#)

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- ▶ ANSI/NSF/CAN 60-2019 (i82r1), Drinking Water Treatment Chemicals – Health Effects (revision of ANSI/NSF/CAN 60-2018)  
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- ▶ ANSI/NSF/CAN 60-2019 (i83r1), NSF/CAN 60 - Drinking Water Treatment Chemicals – Health Effects (revision and redesignation of ANSI/NSF 60-2018)  
Public Review Date: May 10, 2019 | Final Action Date: Jun 23, 2019 | [Approved](#)

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- ▶ ANSI/NSF/CAN 60-2019 (i84r1), NSF 60: Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF 60-2018)  
Public Review Date: Feb 22, 2019 | Final Action Date: Jun 20, 2019 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF/CAN 60-2020 (i85r1), NSF 60 - Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF/CAN 60-2019)  
Public Review Date: Feb 21, 2020 | Final Action Date: Apr 27, 2020 | [Approved](#)

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- ▶ ANSI/NSF/CAN 60-2020 (i86r1), NSF/CAN 60-202X - Drinking Water Treatment Chemicals – Health Effects (revision of ANSI/NSF/CAN 60-2019)  
Public Review Date: Apr 3, 2020 | Final Action Date: May 26, 2020 | [Approved](#)

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- ▶ ANSI/NSF/CAN 60-2020 (i87r1), Drinking Water Treatment Chemicals – Health Effects (revision of ANSI/NSF/CAN 60-2019)  
Public Review Date: Apr 3, 2020 | Final Action Date: May 27, 2020 | [Approved](#)

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- ▶ ANSI/NSF/CAN 60-2020 (i88r1), NSF/CAN 60-2020: Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF/CAN 60-2019)  
Public Review Date: Jun 19, 2020 | Final Action Date: Aug 31, 2020 | [Approved](#)

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- ▶ ANSI/NSF/CAN 60-2020 (i89r1), NSF/CAN 60-20XX - Drinking Water Treatment Chemicals – Health Effects (revision of ANSI/NSF/CAN 60-2019)  
Public Review Date: Apr 10, 2020 | Final Action Date: May 28, 2020 | [Approved](#)

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- ▶ ANSI/NSF/CAN 60-2020 (i90r1), NSF/CAN 60-20XX - Drinking Water Treatment Chemicals – Health Effects (revision of ANSI/NSF/CAN 60-2019)  
Public Review Date: Apr 10, 2020 | Final Action Date: Jun 3, 2020 | [Approved](#)

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- ▶ ANSI/NSF/CAN 60-2020 (i91r1), NSF/CAN 60-20XX - Drinking Water Treatment Chemicals – Health Effects (revision of ANSI/NSF/CAN 60-2019)  
Public Review Date: Apr 10, 2020 | Final Action Date: Jun 16, 2020 | [Approved](#)

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- ▶ ANSI/NSF/CAN 60-2020 (i92r1), NSF 60 - Drinking Water Treatment Chemicals – Health Effects (revision of ANSI/NSF/CAN 60-2019)  
Public Review Date: Jun 12, 2020 | Final Action Date: Jul 31, 2020 | [Approved](#)

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- ▶ ANSI/NSF/CAN 60-2021 (i93r1), NSF/CAN 60: Drinking Water Treatment Chemicals – Health Effects (revision of ANSI/NSF/CAN 60-2020)  
Public Review Date: Feb 26, 2021 | Final Action Date: Apr 20, 2021 | [Approved](#)

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- ▶ ANSI/NSF/CAN 60-2021 (i94r1), Drinking Water Treatment Chemicals – Health Effects (revision of ANSI/NSF/CAN 60-2020)  
Public Review Date: Feb 19, 2021 | Final Action Date: Apr 16, 2021 | [Approved](#)

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- ▶ ANSI/NSF/CAN 600-2018 (i1r1), NSF 600 - Health Effects Evaluation and Criteria for Chemicals in Drinking Water (new standard)  
PINS Date: Jun 1, 2018 | Public Review Date: Aug 31, 2018 | Final Action Date: Oct 15, 2018 | [Approved](#)

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- ▶ ANSI/NSF/CAN 600-2018 (i2r1), Health Effects Evaluation and Criteria for Chemicals in Drinking Water (revision of ANSI/NSF 600-2018 (i1r1))  
Public Review Date: Nov 16, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ ANSI/NSF/CAN 600-2019 (i3r1), NSF/CAN 600 - Health Effects Evaluation and Criteria for Chemicals in Drinking Water (revision of ANSI/NSF/CAN 600-2018)  
Public Review Date: Apr 26, 2019 | Final Action Date: Jun 15, 2019 | [Approved](#)

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- ▶ ANSI/NSF/CAN 600-2019 (i4r1), NSF/CAN 600 - Health Effects Evaluation and Criteria for Chemicals in Drinking Water (revision of ANSI/NSF/CAN 600-2018)  
Public Review Date: Apr 19, 2019 | Final Action Date: Jun 6, 2019 | [Approved](#)

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**NSF (NSF International)**

- ▶ ANSI/NSF/CAN 600-2021 (i5r1), Health Effects Evaluation and Criteria for Chemicals in Drinking Water (revision of ANSI/NSF/CAN 600-2019)  
Public Review Date: Feb 5, 2021 | Final Action Date: Apr 9, 2021 | [Approved](#)

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- ▶ ANSI/NSF/CAN 600-2021 (i6r1), 600-2021 Addendum (addenda to ANSI/NSF/CAN 600-2021)  
Public Review Date: Aug 13, 2021 | Final Action Date: Sep 27, 2021 | [Approved](#)

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- ▶ ANSI/NSF/CAN 61-2019 (i142r1), NSF/CAN 61 - Drinking Water System Components – Health Effects (revision of ANSI/NSF/CAN 61-2018)  
Public Review Date: Jun 14, 2019 | Final Action Date: Jul 30, 2019 | [Approved](#)

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- ▶ ANSI/NSF/CAN 61-2019 (i144r1), NSF/CAN 61 - Drinking Water System Components – Health Effects (revision of ANSI/NSF 61-2018)  
Public Review Date: Mar 29, 2019 | Final Action Date: Jun 24, 2019 | [Approved](#)

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- ▶ ANSI/NSF/CAN 61-2019 (i145r1), NSF/CAN 61 - Drinking Water System Components – Health Effects (revision and redesignation of ANSI/NSF 61-2018)  
Public Review Date: May 31, 2019 | Final Action Date: Sep 11, 2019 | [Approved](#)

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- ▶ ANSI/NSF/CAN 61-2019 (i146r1), NSF/CAN 61 - Drinking Water System Components – Health Effects (revision and redesignation of ANSI/NSF 61-2018)  
Public Review Date: May 10, 2019 | Final Action Date: Jun 25, 2019 | [Approved](#)

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- ▶ ANSI/NSF/CAN 61-2019 (i147r1), NSF/CAN 61 - Drinking Water System Components – Health Effects (revision and redesignation of ANSI/NSF 61-2018)  
Public Review Date: May 31, 2019 | Final Action Date: Jul 21, 2019 | [Approved](#)

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- ▶ ANSI/NSF/CAN 61-2019 (i148r1), NSF 61 - Drinking Water System Components – Health Effects (revision of ANSI/NSF 61-2018)  
Public Review Date: Mar 8, 2019 | Final Action Date: Jun 12, 2019 | [Approved](#)

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- ▶ ANSI/NSF/CAN 61-2019 (i149r1), NSF/CAN 61 - Drinking Water System Components – Health Effects (revision of ANSI/NSF 61-2018)  
Public Review Date: Jun 14, 2019 | Final Action Date: Aug 30, 2019 | [Approved](#)

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- ▶ ANSI/NSF/CAN 61-2019 (i150r1), NSF 61 - Drinking Water Systems Components - Health Effects (revision of ANSI/NSF 61-2018)  
Public Review Date: Apr 12, 2019 | Final Action Date: Jun 13, 2019 | [Approved](#)

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- ▶ ANSI/NSF/CAN 61-2019 (i151r1), NSF/CAN 61 - Drinking Water System Components – Health Effects (revision of ANSI/NSF 61-2018)  
Public Review Date: Jun 14, 2019 | Final Action Date: Jul 31, 2019 | [Approved](#)

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- ▶ ANSI/NSF/CAN 61-2020 (i153r1), Drinking Water System Components – Health Effects (revision of ANSI/NSF/CAN 61-2019)  
Public Review Date: Nov 29, 2019 | Final Action Date: May 29, 2020 | [Approved](#)

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- ▶ ANSI/NSF/CAN 61-2020 (i154r1), NSF/CAN 61 - Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2019)  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 1, 2020 | [Approved](#)

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- ▶ ANSI/NSF/CAN 61-2020 (i155r1), NSF/CAN 61-2020: Drinking Water System Components – Health Effects (revision of ANSI/NSF/CAN 61-2019)  
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**NSF (NSF International)**

- ▶ ANSI/NSF/CAN 61-2020 (i156r1), NSF/CAN 61-202X - Drinking Water System Components – Health Effects (revision of ANSI/NSF/CAN 61-2019)  
Public Review Date: Apr 3, 2020 | Final Action Date: Jun 17, 2020 | [Approved](#)

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- ▶ ANSI/NSF/CAN 61-2021 (i157r2), 61 - Drinking Water System Components – Health Effects (revision of ANSI/NSF/CAN 61-2020)  
Public Review Date: Aug 6, 2021 | Final Action Date: Sep 28, 2021 | [Approved](#)

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- ▶ ANSI/NSF/CAN 61-2021 (i158r1), Drinking Water System Components – Health Effects (revision of ANSI/NSF/CAN 61-2020)  
Public Review Date: Feb 19, 2021 | Final Action Date: Apr 14, 2021 | [Approved](#)

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- ▶ ANSI/NSF/CAN 61-2021 (i159r1), 61-2021: Drinking Water System Components – Health Effects (revision of ANSI/NSF/CAN 61-2020)  
Public Review Date: Jul 23, 2021 | Final Action Date: Sep 8, 2021 | [Approved](#)

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- ▶ ANSI/NSF/CAN 61-2022 (i160r1), 61-20XX: Drinking Water System Components – Health Effects (revision of ANSI/NSF/CAN 61-2021)  
Public Review Date: Feb 11, 2022 | Final Action Date: Mar 15, 2022 | [Approved](#)

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- ▶ ANSI/NSF/CAN 61-2022 (i161r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61-2021)  
Public Review Date: Apr 15, 2022 | Final Action Date: Jun 8, 2022 | [Approved](#)

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- ▶ ANSI/NSF/CAN 61-2022 (i162r1), Drinking Water System Components – Health Effects (revision of ANSI/NSF/CAN 61-2021)  
Public Review Date: May 6, 2022 | Final Action Date: Jul 11, 2022 | [Approved](#)

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- ▶ ANSI/NSF/IPEC 363-2014 (i1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (new standard)  
Public Review Date: Oct 3, 2014 | Final Action Date: Nov 17, 2014 | [Approved](#)

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- ▶ ANSI/NSF/IPEC 363-2019 (i14r1), Good Manufacturing Practices(GMP) for Pharmaceutical Excipients (revision of ANSI/NSF/IPEC 363-2014)  
Public Review Date: Jul 5, 2019 | Final Action Date: Sep 20, 2019 | [Approved](#)

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- ▶ ANSI/NSF/ISO 14020-2001, Environmental Labels and Declarations - General Principles (identical national adoption of ISO 14020:2000)  
PINS Date: Jan 26, 2001 | Public Review Date: May 18, 2001 | Final Action Date: Aug 3, 2001 | [Approved](#)

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- ▶ ANSI/NSF/ISO 14021-2001, Environmental Labels and Declarations - Self-Declared Environmental Claims (Type II Environmental Labelling) (identical national adoption of ISO 14021:1999)  
PINS Date: Jan 26, 2001 | Public Review Date: May 18, 2001 | Final Action Date: Aug 3, 2001 | [Approved](#)

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- ▶ ANSI/NSF/ISO 14024-2001, Environmental Labels and Declarations - Type I Environmental Labelling - Principles and Procedures (identical national adoption of ISO 14024:1999)  
PINS Date: Jan 26, 2001 | Public Review Date: May 18, 2001 | Final Action Date: Aug 3, 2001 | [Approved](#)

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- ▶ ANSI/NSI 373-2022 (i6r1), Sustainability Assessment - Natural Dimension Stone (revision and redesignation of ANSI/NSC 373-2019)  
Public Review Date: Dec 10, 2021 | Final Action Date: Jan 9, 2022 | [Approved](#)

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- ▶ ANSI/NSI 373-2022 (i7r1), Sustainable Production of Natural Dimension Stone (revision of ANSI/NSI 373-2022)  
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**NSF (NSF International)**

- ▶ BSR/NSF 350-2020 (i52r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019)  
Public Review Date: Sep 4, 2020 | Final Action Date: Oct 4, 2020 | [Approved](#)
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**NW&RA (ASC Z245) (National Waste & Recycling Association)**

1550 Crystal Drive, Suite #804, Arlington, VA 22202 | w: [www.wasterecycling.org](http://www.wasterecycling.org)

- ▶ ANSI Z245.1-2017, for Equipment Technology and Operations for Wastes and Recyclable Materials --- Mobile Wastes and Recyclable Materials Collection, Transportation, and Compaction Equipment - Safety Requirements (revision of ANSI Z245.1-2012)  
Public Review Date: May 22, 2015 | Final Action Date: Jan 9, 2017 | [Approved](#)
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- ▶ ANSI Z245.2-2013, Stationary Compactors - Safety Requirements for Installation, Maintenance, Operation, Modification and Repair (revision of ANSI Z245.2-2008)  
PINS Date: Aug 15, 2008 | Public Review Date: Jun 21, 2013 | Final Action Date: Dec 4, 2013 | [Approved](#)
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- ▶ ANSI Z245.21-2013, Equipment Technology and Operations for Wastes and Recyclable Materials - Stationary Compactors -- Safety Requirements for Installation, Maintenance and Operation (revision of ANSI Z245.21-2008)  
PINS Date: Apr 6, 2012 | Public Review Date: Mar 1, 2013 | Final Action Date: May 1, 2013 | [Approved](#)
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- ▶ ANSI Z245.30-2018, Waste Containers - Safety Requirements (new standard)  
PINS Date: Jul 13, 2012 | Public Review Date: Aug 11, 2017 | Final Action Date: Jul 19, 2018 | [Approved](#)
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- ▶ ANSI Z245.41-2015, Equipment Technology and Operations for Wastes and Recyclable Materials - Facilities for the Processing of Commingled Recyclable Materials - Safety Requirements (revision of ANSI Z245.41-2008)  
PINS Date: Jun 14, 2013 | Public Review Date: Jul 24, 2015 | Final Action Date: Oct 6, 2015 | [Approved](#)
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- ▶ ANSI Z245.5-2013, Equipment Technology and Operations for Wastes and Recyclable Materials - Baling Equipment -- Safety Requirements for Installation, Maintenance and Operation (revision of ANSI Z245.5-2008)  
PINS Date: Aug 15, 2008 | Public Review Date: Mar 1, 2013 | Final Action Date: May 1, 2013 | [Approved](#)
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- ▶ ANSI Z245.51-2013, Equipment Technology and Operations for Wastes and Recyclable Materials - Baling Equipment -- Safety Requirements (revision of ANSI Z245.51-2008)  
PINS Date: Aug 15, 2008 | Public Review Date: Mar 1, 2013 | Final Action Date: May 1, 2013 | [Approved](#)
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- ▶ ANSI Z245.60-2018, Waste Containers - Compatibility Dimensions (new standard)  
PINS Date: Jul 13, 2012 | Public Review Date: Aug 11, 2017 | Final Action Date: Jul 19, 2018 | [Approved](#)
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**OEOSC (ASC OP) (Optics and Electro-Optics Standards Council)**

75 Barett Drive, #1190, Webster, NY 14580 | w: [www.OEOSC.org](http://www.OEOSC.org)

- ▶ ANSI OEOSC ISO 10110-1-2019, Optics and Electro-Optical Instruments—Preparation of drawings for optical elements and systems —Part 1: General (identical national adoption of ISO 10110-01:2019 and revision of ANSI/OEOSC OP1.0110-1-2011)  
Public Review Date: Mar 11, 2022 | Final Action Date: Jun 2, 2022 | [Approved](#)
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- ▶ ANSI OEOSC ISO 10110-18-2022, Optics and Electro-Optical Instruments— Preparation of drawings for optical elements and systems — Part 18: Stress birefringence, bubbles and inclusions,homogeneity, and striae (identical national adoption of ISO 10110-18:2018)  
PINS Date: Feb 14, 2020 | Public Review Date: Mar 11, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)
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- ▶ ANSI OEOSC ISO 10110-5-2022, Optics and Electro-Optical Instruments— Preparation of drawings for optical elements and systems — Part 5: Surface form tolerances (identical national adoption of ISO 10110-5:2015 and revision of ANSI/OEOSC OP1.0110-5:2015)  
Public Review Date: Mar 11, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)
-

**OEOSC (ASC OP) (Optics and Electro-Optics Standards Council)**

- ▶ ANSI OEOSC ISO 10110-7-2022, Optics and Electro-Optical Instruments— Preparation of drawings for optical elements and systems — Part 7: Surface Imperfections (identical national adoption of ISO 10110-7:2017)  
PINS Date: Mar 4, 2022 | Public Review Date: Jul 1, 2022 | Final Action Date: Aug 25, 2022 | [Approved](#)
- ▶ ANSI OEOSC ISO 10110-8-2022, Optics and Electro-Optical Instruments— Preparation of drawings for optical elements and systems — Part 8: Surface texture (identical national adoption of ISO 10110-8:2019 and revision of ANSI/OEOSC OP1.0110-8-2014)  
Public Review Date: Mar 11, 2022 | Final Action Date: Jul 14, 2022 | [Approved](#)
- ▶ ANSI OEOSC OP1.002-2017, for Optics and Electro-Optical Instruments - Optical Elements and Assemblies - Surface Imperfections (revision of ANSI/OEOSC OP1.002-2009)  
PINS Date: Jan 16, 2015 | Public Review Date: Mar 24, 2017 | Final Action Date: Jun 19, 2017 | [Approved](#)
- ▶ ANSI OEOSC OP1.007-2020, Optics and Electro-Optical Instruments— Optical Elements and Assemblies— Infrared Spectral Bands (new standard)  
PINS Date: Mar 1, 2013 | Public Review Date: Sep 20, 2019 | Final Action Date: Feb 24, 2020 | [Approved](#)
- ▶ ANSI/OEOSC OP1.0110-10-2014, Standard for Optics and Electro-Optical Instruments - Preparation of drawings for optical elements and systems - Part:10 Table representing data of optical elements and cemented assemblies (national adoption with modifications of ISO 10110-10)  
PINS Date: Jul 9, 2010 | Public Review Date: Oct 31, 2014 | Final Action Date: Dec 18, 2014 | [Approved](#)
- ▶ ANSI/OEOSC OP1.0110-12-2014, Optics and Electro-Optical Instruments - Preparation of Drawings for Optical Elements and Systems - Part 12: Aspheric Surfaces (national adoption with modifications of ISO 10110-12)  
PINS Date: Jul 9, 2010 | Public Review Date: Feb 8, 2013 | Final Action Date: Oct 31, 2014 | [Approved](#)
- ▶ ANSI/OEOSC OP1.0110-9-2015, Standard for Optics and Photonics - Preparation of Drawings for Optical Elements and Systems - Part 9: Surface treatment and coatings (national adoption with modifications of ISO 10110-9)  
PINS Date: Jun 24, 2011 | Public Review Date: Mar 28, 2014 | Final Action Date: Dec 30, 2015 | [Approved](#)
- ▶ ANSI/OEOSC OP1.9211-4-2014, Standard for Optics and Photonics - Optical Coatings - Part 4: Specific Test Methods (national adoption with modifications of ISO 9211-4)  
PINS Date: Jan 18, 2013 | Public Review Date: Jan 3, 2014 | Final Action Date: Dec 18, 2014 | [Approved](#)
- ▶ ANSI/OEOSC OP3.001-2001 (R2014), Standard For Optics and Electro-Optical Instruments - Optical Glass (reaffirmation of ANSI/OEOSC OP3.001-2001 (R2008))  
Public Review Date: Jan 3, 2014 | Final Action Date: Dec 17, 2014 | [Approved](#)

**OIX (Open-IX Association)**

340 South Lemon Avenue #7988, Walnut, CA 91789 | w: <http://www.open-ix.org>

- ▶ ANSI/OIX 1-2020, Open-IX Certified Internet Exchange (new standard)  
PINS Date: Oct 5, 2018 | Public Review Date: Jan 11, 2019 | Final Action Date: Jul 23, 2020 | [Approved](#)
- ▶ ANSI/OIX 2-2020, Data Center Technical Standard (new standard)  
PINS Date: Oct 5, 2018 | Public Review Date: Jan 11, 2019 | Final Action Date: Aug 26, 2020 | [Approved](#)
- ▶ ANSI/OIX 3-2021, Edge Technical Standard (new standard)  
PINS Date: Mar 5, 2021 | Public Review Date: Apr 23, 2021 | Final Action Date: Jun 10, 2021 | [Approved](#)

**OPEI (Outdoor Power Equipment Institute)**1605 King Street, Alexandria, VA 22314 | w: [www.opei.org](http://www.opei.org)

- ▶ ANSI/OPEI 60335-2-107 Amd.2-2022, OPEI 60335-2-107 – Standard for Outdoor Power Equipment – Household and similar electrical appliances – Safety – Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers (addenda to ANSI/OPEI 60335-2-107-2020)

PINS Date: Jan 28, 2022 | Public Review Date: Apr 8, 2022 | Final Action Date: May 27, 2022 | [Approved](#)

- ▶ ANSI/OPEI 60335-2-107-2020, (Standard) for Outdoor Power Equipment – Household and similar electrical appliances – Safety – Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers (national adoption with modifications of IEC 60335-2-107)

PINS Date: Aug 16, 2013 | Public Review Date: Jun 7, 2019 | Final Action Date: Sep 5, 2019 | [Approved](#)

- ▶ ANSI/OPEI 60335-2-107-2020 Amd.1, Standard For Outdoor Power Equipment – Household And Similar Electrical Appliances – Safety – Part 2-107: Particular Requirements For Robotic Battery Powered Electrical Lawnmowers (addenda to ANSI/OPEI 60335-2-107-2020)

PINS Date: Jun 19, 2020 | Public Review Date: Aug 14, 2020 | Final Action Date: Oct 6, 2020 | [Approved](#)

- ▶ ANSI/OPEI B175.1-2012/A1-2014, Internal Combustion Engine-Powered Handheld Chain Saws - Safety and Environmental Requirements - Amendment 1 (addenda to ANSI/OPEI B175.1-2012)

PINS Date: Jun 7, 2013 | Public Review Date: Dec 20, 2013 | Final Action Date: Jun 16, 2014 | [Approved](#)

- ▶ ANSI/OPEI B175.1-2021, (Standard) for Outdoor Power Equipment - Internal Combustion Engine-Powered Hand-Held Chain Saws - Safety and Environmental Requirements (revision of ANSI/OPEI B175.1-2012, ANSI/OPEI B175.1-2012/A1-2014)

PINS Date: Sep 13, 2019 | Public Review Date: Mar 5, 2021 | Final Action Date: May 11, 2021 | [Approved](#)

- ▶ ANSI/OPEI B175.2-2012 (R2019), Standard for Outdoor Power Equipment - Internal Combustion Engine-Powered Handheld and Backpack Blowers and Blower-Vacuums - Safety Requirements and Performance Testing Procedures (reaffirmation of ANSI/OPEI B175.2-2012, ANSI/OPEI B175.2-2012/A1-2013)

PINS Date: Mar 7, 2014 | Public Review Date: Feb 15, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

- ▶ ANSI/OPEI B175.3-2019, (Standard) for Outdoor Power Equipment Internal Combustion Engine-Powered Hand-Held Grass Trimmers and Brushcutters - Safety and Environmental Requirements (revision of ANSI/OPEI B175.3-2013)

PINS Date: Mar 7, 2014 | Public Review Date: Aug 2, 2019 | Final Action Date: Dec 5, 2019 | [Approved](#)

- ▶ ANSI/OPEI B175.4-2018, Standard for Outdoor Power Equipment - Portable, Handheld, Internal Combustion Engine-Powered Cut-off Machines - Safety and Environmental Requirements (revision of ANSI/OPEI B175.4-2013)

PINS Date: Mar 7, 2014 | Public Review Date: Jun 1, 2018 | Final Action Date: Aug 13, 2018 | [Approved](#)

- ▶ ANSI/OPEI B175.5-2021, (Standard) for Outdoor Power Equipment Internal Combustion Engine-Powered Hand-Held Edger - Safety and Environmental Requirements (new standard)

PINS Date: Feb 22, 2013 | Public Review Date: Jul 2, 2021 | Final Action Date: Sep 24, 2021 | [Approved](#)

- ▶ ANSI/OPEI B175.6-2018, Standard for Outdoor Power Equipment - Internal Combustion Engine-Powered Hand-Held Hedge Trimmers - Safety and Environmental Requirements (new standard)

PINS Date: Feb 22, 2013 | Public Review Date: Mar 30, 2018 | Final Action Date: May 24, 2018 | [Approved](#)

- ▶ ANSI/OPEI B175.7-2019, (Standard) for Outdoor Power Equipment - Internal Combustion Engine-Powered Hand-Held Pole Mounted Pruners - Safety and Environmental Requirements (new standard)

PINS Date: Feb 22, 2013 | Public Review Date: Mar 8, 2019 | Final Action Date: May 14, 2019 | [Approved](#)

- ▶ ANSI/OPEI B71.1-2017, Consumer Turf Care Equipment - Pedestrian-Controlled Mowers and Ride-On Mowers - Safety Specifications (revision of ANSI/OPEI B71.1-2012)

Public Review Date: May 20, 2016 | Final Action Date: Jan 24, 2017 | [Approved](#)

**OPEI (Outdoor Power Equipment Institute)**

- ▶ ANSI/OPEI B71.10-2018, Standard for Off-Road Ground-Supported Outdoor Power Equipment - Gasoline Fuel Systems - Safety Specifications (revision of ANSI/OPEI B71.10-2013)  
PINS Date: Jan 31, 2014 | Public Review Date: Mar 16, 2018 | Final Action Date: Aug 10, 2018 | [Approved](#)
- ▶ ANSI/OPEI B71.3-2014 (R2020), Snow Throwers - Safety Specifications (reaffirmation of ANSI/OPEI B71.3-2014)  
PINS Date: Jan 31, 2020 | Public Review Date: Apr 24, 2020 | Final Action Date: Jul 6, 2020 | [Approved](#)
- ▶ ANSI/OPEI B71.4-2017, Commercial Turf Care Equipment - Safety Specifications (revision of ANSI/OPEI B71.4-2012)  
Public Review Date: Aug 12, 2016 | Final Action Date: Jan 24, 2017 | [Approved](#)
- ▶ ANSI/OPEI B71.6-2021, Powered Consumer Chipper / Shredders and Pedestrian-Controlled Chipper / Shredder Vacuums - Safety Specifications (new standard)  
PINS Date: Feb 7, 2020 | Public Review Date: Apr 23, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)
- ▶ ANSI/OPEI B71.7-2018, Powered Consumer Ram-Type Log Splitters - Safety Specifications (new standard)  
PINS Date: May 11, 2012 | Public Review Date: Dec 15, 2017 | Final Action Date: Aug 8, 2018 | [Approved](#)
- ▶ ANSI/OPEI B71.8-2016, Powered Walk-Behind Rotary Tillers and Hand-Supported Cultivators - Safety Specifications (revision of ANSI/OPEI B71.8-1996 (R2005))  
PINS Date: Feb 3, 2012 | Public Review Date: Jul 10, 2015 | Final Action Date: Jan 13, 2016 | [Approved](#)
- ▶ ANSI/OPEI B71.9-2022, (Standard) for Multipurpose Off-Highway Utility Vehicles (revision of ANSI/OPEI B71.9-2016)  
PINS Date: Jun 11, 2021 | Public Review Date: Nov 4, 2022 | Final Action Date: Dec 20, 2022 | [Approved](#)
- ▶ ANSI/OPEI Z130.1-2020, (Standard) for Golf Cars - Safety and Performance Specifications (revision and redesignation of ANSI/ILTV A Z130.1-2012)  
PINS Date: Feb 26, 2016 | Public Review Date: Dec 13, 2019 | Final Action Date: May 15, 2020 | [Approved](#)
- ▶ ANSI/OPEI Z135-2020, (Standard) for Personal Transport Vehicles - Safety and Performance Specifications (revision and redesignation of ANSI/ILTV Z135-2012)  
PINS Date: Aug 28, 2015 | Public Review Date: Dec 13, 2019 | Final Action Date: Aug 7, 2020 | [Approved](#)

**PCI (Precast/Prestressed Concrete Institute)**

200 West Adams Street, Suite 2100, Chicago, IL 60606-5230 | w: [www.pci.org](http://www.pci.org)

- ▶ ANSI/PCI 128-2019, Specification for Glass-Fiber-Reinforced Concrete Panels (new standard)  
PINS Date: Jun 16, 2017 | Public Review Date: Nov 23, 2018 | Final Action Date: May 21, 2019 | [Approved](#)

**PDA (Parenteral Drug Association)**

Bethesda Towers, 4350 East-West Highway, Suite 600, Bethesda, MD 20814 | w: [www.pda.org](http://www.pda.org)

- ▶ ANSI/PDA Standard 001-2020, Enhanced Purchasing Controls to Support the Bio-Pharmaceutical, Pharmaceutical, Medical Devices and Combination Products Industries (new standard)  
PINS Date: Jun 15, 2018 | Public Review Date: Sep 20, 2019 | Final Action Date: Mar 13, 2020 | [Approved](#)
- ▶ ANSI/PDA Standard 02-2021, Cryopreservation of Cells for Use in Cell Therapies, Gene Therapies, and Regenerative Medicine Manufacturing: An Introduction and Best Practices Approach on How to Prepare, Cryopreserve, and Recover Cells, Cell Lines, and Cell-Based Tissue Products (new standard)  
PINS Date: Jun 15, 2018 | Public Review Date: Jun 18, 2021 | Final Action Date: Dec 13, 2021 | [Approved](#)
- ▶ ANSI/PDA Standard 04-2021, Phage Retention Nomenclature Rating for Small and Large Virus-Selective Filters (new standard)  
PINS Date: Mar 29, 2019 | Public Review Date: Aug 7, 2020 | Final Action Date: Jan 28, 2021 | [Approved](#)
- ▶ ANSI/PDA Standard 05-2021, Consensus Method for Rating Filters for Mycoplasma Reduction (new standard)  
PINS Date: Jul 5, 2019 | Public Review Date: Jan 15, 2021 | Final Action Date: Jun 10, 2021 | [Approved](#)

**PEARL (Professional Electrical Apparatus Recyclers League)**17 Faulkner Drive, Niantic, CT 06357 | w: [www.pearl1.org](http://www.pearl1.org)

- ▶ ANSI/PEARL EERS-2018, Professional Electrical Apparatus Reconditioning League Electrical Equipment Reconditioning Standard for Electrical Apparatus and Equipment Used in Commercial and Industrial applications (new standard)  
PINS Date: Feb 14, 2014 | Public Review Date: Sep 8, 2017 | Final Action Date: Sep 25, 2018 | [Approved](#)

**PGMA (Portable Generator Manufacturers Association)**1300 Sumner Avenue, Cleveland, OH 44115-2851 | w: [www.pgmaonline.com](http://www.pgmaonline.com)

- ▶ ANSI/PGMA G300-2018, Safety and Performance of Portable Generators (revision of ANSI/PGMA G300-2015)  
PINS Date: Sep 30, 2016 | Public Review Date: Jan 5, 2018 | Final Action Date: Apr 20, 2018 | [Approved](#)

**PHTA (Pool and Hot Tub Alliance)**2111 Eisenhower Avenue, Suite 500, Alexandria, VA 22314 | w: [www.PHTA.org](http://www.PHTA.org)

- ▶ ANSI/APSP 1-2013, Standard for Public Swimming Pools (new standard)  
PINS Date: Sep 14, 2012 | Public Review Date: Apr 12, 2013 | Final Action Date: Aug 28, 2013 | [Approved](#)
- ▶ ANSI/APSP 4 Addenda-2013, Standard for Aboveground/Onground Residential Swimming Pools (addenda to ANSI/APSP 4-2012)  
Public Review Date: May 3, 2013 | Final Action Date: Aug 21, 2013 | [Approved](#)
- ▶ ANSI/APSP 8-2004 (R2013), Model Barrier Code for Residential Swimming Pools, Spas, and Hot Tubs (reaffirmation and redesignation of ANSI/NSPI 8-2004)  
PINS Date: Aug 3, 2012 | Public Review Date: Feb 8, 2013 | Final Action Date: Apr 2, 2013 | [Approved](#)
- ▶ ANSI/APSP/ICC 11-2019, Standard for Water Quality in Public Pools and Spas (revision and redesignation of ANSI/APSP-11 2009)  
PINS Date: Feb 27, 2015 | Public Review Date: May 12, 2017 | Final Action Date: Nov 7, 2018 | [Approved](#)
- ▶ ANSI/APSP/ICC 13-2017, Standard for Water Conservation Efficiency in Residential and Public Pools, Spas, Portable Spas and Swim Spas (new standard)  
PINS Date: Jul 12, 2013 | Public Review Date: Sep 2, 2016 | Final Action Date: Jan 6, 2017 | [Approved](#)
- ▶ ANSI/APSP/ICC 14 2014, Standard for Portable Electric Spa Energy Efficiency (revision of ANSI/APSP 14-2011)  
PINS Date: Jul 11, 2014 | Public Review Date: Aug 1, 2014 | Final Action Date: Sep 12, 2014 | [Approved](#)
- ▶ ANSI/APSP/ICC 14-2019, Standard for Portable Electric Spa Energy Efficiency (revision of ANSI/APSP/ICC-14 2014)  
PINS Date: Jan 4, 2019 | Public Review Date: Aug 23, 2019 | Final Action Date: Nov 19, 2019 | [Approved](#)
- ▶ ANSI/APSP/ICC 16-2017, Standard for Suction Outlet Fitting Assemblies for Use in Pools, Spas, and Hot Tubs (revision and redesignation of ANSI/APSP 16-2011)  
PINS Date: Mar 17, 2017 | Public Review Date: May 12, 2017 | Final Action Date: Aug 18, 2017 | [Approved](#)
- ▶ ANSI/APSP/ICC 3-2013, Standard for Permanently Installed Residential Spas and Swim Spas (new standard)  
PINS Date: Jan 16, 2009 | Public Review Date: Oct 18, 2013 | Final Action Date: Dec 20, 2013 | [Approved](#)
- ▶ ANSI/APSP/ICC 6-2013 (R2023), Standard for Residential Portable Spas and Swim Spas (reaffirmation and redesignation of ANSI/APSP 6-2013)  
Public Review Date: Nov 11, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)
- ▶ ANSI/APSP/ICC-4 2012 (R2022), Standard for Aboveground/Onground Residential Swimming Pools (reaffirmation of ANSI/APSP/ICC-4 2012)  
PINS Date: Apr 7, 2017 | Public Review Date: Apr 8, 2022 | Final Action Date: Jun 6, 2022 | [Approved](#)

**PHTA (Pool and Hot Tub Alliance)**

- ▶ ANSI/APSP/ICC-5 2012 (R2022), Standard for Residential Inground Swimming Pools (reaffirmation and redesignation of ANSI/APSP 5-2012)  
PINS Date: Apr 7, 2017 | Public Review Date: Apr 8, 2022 | Final Action Date: Jun 6, 2022 | [Approved](#)
- ▶ ANSI/APSP/ICC/NPC 12-2015, Standard for the Plastering of Swimming Pools and Spas (new standard)  
PINS Date: Aug 1, 2014 | Public Review Date: Jul 10, 2015 | Final Action Date: Nov 3, 2015 | [Approved](#)
- ▶ ANSI/APSP/ICC/NPC 12, Supplement A-2019, Standard for the Plastering of Swimming Pools and Spas (supplement to ANSI/APSP/ICC/NPC-12-2015)  
PINS Date: Jan 4, 2019 | Public Review Date: Mar 22, 2019 | Final Action Date: May 10, 2019 | [Approved](#)
- ▶ ANSI/PHTA/ICC-10-2021, Standard for Elevated Pools, Spas, and Other Aquatic Venues Integrated into a Building or Structure (new standard)  
PINS Date: Apr 2, 2021 | Public Review Date: Jul 9, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)
- ▶ ANSI/PHTA/ICC-15-2021, Standard for Residential Swimming Pool and Spa Energy Efficiency (revision, redesignation and consolidation of ANSI/APSP/ICC S-15-2011, ANSI/APSP/ICC S-15 (Addenda)-2013)  
PINS Date: Apr 17, 2020 | Public Review Date: Jun 4, 2021 | Final Action Date: Aug 2, 2021 | [Approved](#)
- ▶ ANSI/PHTA/ICC-7-2020, Standard for Suction Entrapment Avoidance in Swimming Pools, Wading Pools, Spas, Hot Tubs and Catch Basins (revision and redesignation of ANSI/APSP 7-2013)  
PINS Date: Sep 6, 2019 | Public Review Date: Oct 2, 2020 | Final Action Date: Nov 19, 2020 | [Approved](#)

**PLASTICS (Plastics Industry Association)**

1425 K Street, NW, Suite 500, Washington, DC 20005 | w: [www.plasticsindustry.org](http://www.plasticsindustry.org)

- ▶ ANSI/PLASTICS B151.1-2017, Safety Requirements for Plastics Injection Molding Machines (revision of ANSI/SPI B151.1-2007 (R2013))  
PINS Date: Feb 10, 2012 | Public Review Date: Nov 18, 2016 | Final Action Date: Jan 6, 2017 | [Approved](#)
- ▶ ANSI/PLASTICS B151.11-2021, Safety Requirements for Granulators, Strand Pelletizers and Dicers Used for Size Reduction of Plastics (new standard)  
PINS Date: Jul 20, 2018 | Public Review Date: Jul 17, 2020 | Final Action Date: Apr 12, 2021 | [Approved](#)
- ▶ ANSI/PLASTICS B151.20-2013 (R2018), Safety Requirements for Plastic Sheet Production Machinery (reaffirmation and redesignation of ANSI/SPI B151.20-2013)  
Public Review Date: Oct 12, 2018 | Final Action Date: Feb 27, 2019 | [Approved](#)
- ▶ ANSI/PLASTICS B151.27-2021, Safety Requirements for Robot / Injection Molding Machine Systems (revision and redesignation of ANSI/SPI B151.27-2013)  
PINS Date: Nov 1, 2019 | Public Review Date: Oct 9, 2020 | Final Action Date: Mar 8, 2021 | [Approved](#)
- ▶ ANSI/PLASTICS B151.31-2014 (R2020), Safety Requirements for the Manufacture and Use of Blow Molding Machines (reaffirmation and redesignation of ANSI/SPI B151.31-2014)  
Public Review Date: Mar 15, 2019 | Final Action Date: Jun 18, 2020 | [Approved](#)
- ▶ ANSI/PLASTICS B151.5-2020, Safety Requirements for Plastic Film and Sheet Winding and Unwinding Machinery (new standard)  
PINS Date: Jul 20, 2018 | Public Review Date: Feb 15, 2019 | Final Action Date: Mar 5, 2020 | [Approved](#)
- ▶ ANSI/PLASTICS B151.7-2013 (R2021), Safety Requirements for Extrusion Machines (reaffirmation and redesignation of ANSI/SPI B151.7-2013)  
PINS Date: Jan 18, 2019 | Public Review Date: Mar 5, 2021 | Final Action Date: Sep 24, 2021 | [Approved](#)

**PLATO (Portable Lights American Trade Organization)**2279 Gordon Avenue, St. Paul, MN 55108 | w: [www.plato-usa.org](http://www.plato-usa.org)

- ▶ ANSI/PLATO FL 1-2019, Flashlight Basic Performance Standard (revision of ANSI/PLATO FL 1-2016)  
PINS Date: Feb 23, 2018 | Public Review Date: Jul 19, 2019 | Final Action Date: Sep 23, 2019 | [Approved](#)

**PMI (Organization) (Project Management Institute)**18 Campus Boulevard, Suite 150, Newtown Square, PA 19073 | w: [www.pmi.org](http://www.pmi.org)

- ▶ ANSI/PMI 08-002-2017, The Standard for Program Management - Fourth Edition (revision of ANSI/PMI 08-002-2012)  
PINS Date: Feb 6, 2015 | Public Review Date: May 5, 2017 | Final Action Date: Jul 21, 2017 | [Approved](#)
- ▶ ANSI/PMI 19-006-2019, Standard for Earned Value Management (EVM) (new standard)  
PINS Date: Oct 30, 2015 | Public Review Date: Sep 13, 2019 | Final Action Date: Oct 29, 2019 | [Approved](#)
- ▶ ANSI/PMI 99-001-2021, The Standard for Project Management (revision of ANSI/PMI 99-001-2017)  
PINS Date: Jul 5, 2019 | Public Review Date: Jun 12, 2020 | Final Action Date: Feb 16, 2021 | [Approved](#)
- ▶ ANSI/PMI-08-003-2017, The Standard for Portfolio Management - Fourth Edition (revision of ANSI/PMI 08-003-2012)  
PINS Date: Apr 3, 2015 | Public Review Date: Aug 11, 2017 | Final Action Date: Oct 18, 2017 | [Approved](#)
- ▶ ANSI/PMI-17-005-2017, The Standard for Business Analysis (new standard)  
PINS Date: Oct 14, 2016 | Public Review Date: Aug 11, 2017 | Final Action Date: Oct 30, 2017 | [Approved](#)

**PMMI (Organization) (PMMI - The Association for Packaging and Processing Technologies)**12930 Worldgate Dr, Suite 200, Herndon, VA 20170-6037 | w: [www.pmmi.org](http://www.pmmi.org)

- ▶ ANSI/PMMI B155.1-2016, Safety Requirements for Packaging and Processing Machinery (revision of ANSI/PMMI B155.1-2011)  
PINS Date: Nov 6, 2015 | Public Review Date: Nov 9, 2018 | Final Action Date: Nov 18, 2016 | [Approved](#)

**PRCA (Professional Ropes Course Association)**6260 East Riverside Boulevard #104, Rockford, IL 61114 | w: [www.prcainfo.org](http://www.prcainfo.org)

- ▶ ANSI/PRCA 1.0-3-2014, Ropes Challenge Course Installation, Operation & Training Standards (new standard)  
PINS Date: Dec 23, 2005 | Public Review Date: Oct 21, 2011 | Final Action Date: Mar 3, 2014 | [Approved](#)

**PSAI (Portable Sanitation Association International)**1000 Westgate Drive, Suite 252, Saint Paul, MN 55114 | w: [www.psai.org](http://www.psai.org)

- ▶ ANSI/PSAI Z4.3-2016, Sanitation - Non-Sewered Waste Disposal Systems: Minimum Requirements (new standard)  
PINS Date: Dec 13, 2013 | Public Review Date: Jan 29, 2016 | Final Action Date: May 19, 2016 | [Approved](#)
- ▶ ANSI/PSAI Z4.4-2016, Sanitation in Fields and Temporary Labor Camps: Minimum Requirements (new standard)  
PINS Date: Dec 13, 2013 | Public Review Date: Jan 29, 2016 | Final Action Date: May 19, 2016 | [Approved](#)

**RESNA (Rehabilitation Engineering and Assistive Technology Society of North America)**2001 K Street, NW, 3rd Floor North, Washington, DC 20006 | w: [www.resna.org](http://www.resna.org)

- ▶ ANSI/RESNA ASE-1-2019, RESNA Standard for Adaptive Sports Equipment Volume 1: Winter Sports Equipment (revision of ANSI/RESNA ASE-1-2016)  
PINS Date: Aug 19, 2016 | Public Review Date: Aug 10, 2018 | Final Action Date: Nov 5, 2019 | [Approved](#)

**RESNA (Rehabilitation Engineering and Assistive Technology Society of North America)**

- ▶ ANSI/RESNA ASE-2-2012 (R2018), RESNA Standard for Adaptive Sports Equipment - Volume 2: Adaptive Golf Cars (reaffirmation of ANSI/RESNA ASE-2-2012)  
PINS Date: May 26, 2017 | Public Review Date: Nov 24, 2017 | Final Action Date: May 4, 2018 | [Approved](#)
- ▶ ANSI/RESNA AT-1-Section 4-2021, RESNA Standard for Assistive Technology for Air Travel – Volume 1 Requirements and Test Methods Related to Mobility Devices (new standard)  
PINS Date: Sep 18, 2020 | Public Review Date: Jun 25, 2021 | Final Action Date: Sep 16, 2021 | [Approved](#)
- ▶ ANSI/RESNA CA-1-2018, RESNA Standard for Cognitive Accessibility - Volume 1: Universal Criteria for Reporting the Cognitive Accessibility of Products and Technologies (revision of ANSI/RESNA CA-1-2016)  
PINS Date: Aug 19, 2016 | Public Review Date: Aug 10, 2018 | Final Action Date: Oct 19, 2018 | [Approved](#)
- ▶ ANSI/RESNA ED-1-2019, RESNA Standard for Evacuation Devices – Volume 1: Emergency Stair Travel Devices Used by Individuals with Disabilities (revision of ANSI/RESNA ED-1-2013)  
PINS Date: Jan 25, 2019 | Public Review Date: Mar 29, 2019 | Final Action Date: Jun 3, 2019 | [Approved](#)
- ▶ ANSI/RESNA IF-1-2020, RESNA Standard for Inclusive Fitness—Volume 1: RESNA Standard for Inclusive Fitness Environments (revision of ANSI/RESNA IF-1-2018)  
PINS Date: Sep 4, 2020 | Public Review Date: Oct 16, 2020 | Final Action Date: Dec 21, 2020 | [Approved](#)
- ▶ ANSI/RESNA SS-1-2019, RESNA Standard for Support Surfaces - Volume 1: Requirements and Test Methods for Full Body Support Surfaces (revision of ANSI/RESNA SS-1-2014)  
PINS Date: Jun 9, 2017 | Public Review Date: Jul 13, 2018 | Final Action Date: Feb 15, 2019 | [Approved](#)
- ▶ ANSI/RESNA WC-1-2019, RESNA Standard for Wheelchairs – Volume 1: Requirements and Test Methods for Wheelchairs (including Scooters) (national adoption of ISO 7176 with modifications and revision of ANSI/RESNA WC -1-2009)  
PINS Date: Sep 21, 2012 | Public Review Date: Feb 8, 2019 | Final Action Date: Jun 5, 2019 | [Approved](#)
- ▶ ANSI/RESNA WC-2-2019, RESNA Standard for Wheelchairs – Volume 2: Additional Requirements for Wheelchairs (including Scooters) with Electrical Systems (national adoption of ISO 7176 with modifications and revision of ANSI/RESNA WC-2-2009)  
PINS Date: Sep 21, 2012 | Public Review Date: Feb 8, 2019 | Final Action Date: Jun 5, 2019 | [Approved](#)
- ▶ ANSI/RESNA WC-3-2018, RESNA Standard for Wheelchairs - Volume 3: Wheelchair Seating (national adoption of ISO 16840-2, ISO 16840-3, ISO 16840-6, ISO TS 16840-12 with modifications and revision of ANSI/RESNA WC-3 -2013)  
PINS Date: Feb 7, 2014 | Public Review Date: Aug 10, 2018 | Final Action Date: Jan 16, 2019 | [Approved](#)
- ▶ ANSI/RESNA WC-4-2017, RESNA Standard for Wheelchairs - Volume 4: Wheelchairs and Transportation (national adoption of ISO 10865-1:2012 with modifications and revision of ANSI/RESNA WC Volume 4-2012)  
PINS Date: Apr 5, 2013 | Public Review Date: May 5, 2017 | Final Action Date: Nov 27, 2017 | [Approved](#)

**RESNET (Residential Energy Services Network, Inc.)**

P.O. Box 4561, Oceanside, CA 92052 | w: [www.resnet.us.com](http://www.resnet.us.com)

- ▶ ANSI/RESNET 1201-2016 (R2021), Standard Method of Test for the Evaluation of Building Energy Analysis Model Calibration Methods (reaffirmation of ANSI/RESNET 1201-2016 )  
Public Review Date: Oct 8, 2021 | Final Action Date: Dec 17, 2021 | [Approved](#)
- ▶ ANSI/RESNET/ACCA/ICC 310-2020, Standard for Grading the Installation of HVAC Systems (new standard)  
PINS Date: Apr 26, 2019 | Public Review Date: Mar 20, 2020 | Final Action Date: Jun 23, 2020 | [Approved](#)
- ▶ ANSI/RESNET/ICC 301-2019 Addendum C-2021, Default Values for Duct Leakage to Outside (addenda to ANSI/RESNET/ICC 301-2019)  
Public Review Date: Sep 17, 2021 | Final Action Date: Mar 1, 2022 | [Approved](#)

**RESNET (Residential Energy Services Network, Inc.)**

- ▶ ANSI/RESNET/ICC 301-2019 Addendum D-2022, CO2 Rating Index (addenda to ANSI/RESNET/ICC 301-2019)  
Public Review Date: Nov 19, 2021 | Final Action Date: Mar 4, 2022 | [Approved](#)
- ▶ ANSI/RESNET/ICC 301-2022, Standard for the Calculation and Labeling of the Energy Performance of Dwelling and Sleeping Units using an Energy Rating Index (revision, redesignation and consolidation of ANSI/RESNET/ICC 301-2019, ANSI/RESNET/ICC 301-2019, Addendum A-2019, ANSI/RESNET/ICC 301-2019, Addendum B-2020, ANSI/RESNET/ICC 301-2019, Addendum C-2021, ANSI/RESNET/ICC 301-2019, Addendum D-2022)  
Public Review Date: Nov 19, 2021 | Final Action Date: Feb 3, 2022 | [Approved](#)
- ▶ ANSI/RESNET/ICC 301-2022 Addendum A-2022, Renewable Energy Certificates (addenda to ANSI/RESNET/ICC 301-2022)  
Public Review Date: May 27, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)
- ▶ ANSI/RESNET/ICC 301-2022 Addendum B-2022, CO2e Index (addenda to ANSI/RESNET/ICC 301-2022)  
Public Review Date: Aug 12, 2022 | Final Action Date: Oct 12, 2022 | [Approved](#)
- ▶ ANSI/RESNET/ICC 380-2019, Standard for Testing Airtightness of Building, Dwelling Unit and Sleeping Unit Enclosures; Airtightness of Heating and Cooling Air Distribution Systems; and Airflow of Mechanical Ventilation Systems (revision of ANSI/RESNET/ICC 380-2016 )  
Public Review Date: Sep 7, 2018 | Final Action Date: Nov 20, 2018 | [Approved](#)
- ▶ ANSI/RESNET/ICC 380-2022, Standard for Testing Airtightness of Building, Dwelling Unit, and Sleeping Unit Enclosures; Airtightness of Heating and Cooling Air Distribution Systems; and Airflow of Mechanical Ventilation Systems (revision and redesignation of ANSI/RESNET/ICC 380-2019)  
Public Review Date: Feb 18, 2022 | Final Action Date: May 10, 2022 | [Approved](#)
- ▶ ANSI/RESNET/ICC 850-2020, Standard for the Calculation and Labeling of the Water Use Performance of One- and Two-Family Dwellings Using the Water Rating Index (new standard)  
PINS Date: Apr 24, 2015 | Public Review Date: Jul 26, 2019 | Final Action Date: Mar 23, 2020 | [Approved](#)

**RIC (Remanufacturing Industries Council)**

150 Lucius Gordon Drive, Suite 127, West Henrietta, NY 14586 | w: [www.remancouncil.org](http://www.remancouncil.org)

- ▶ ANSI/RIC 001.2-2021, Specifications for the Process of Remanufacturing (revision of ANSI/RIC 001.1-2016)  
PINS Date: Oct 9, 2020 | Public Review Date: Jul 23, 2021 | Final Action Date: Oct 22, 2021 | [Approved](#)

**ROHVA (Recreational Off-Highway Vehicle Association)**

2 Jenner Street, Suite 150, Irvine, CA 92618

- ▶ ANSI/ROHVA 1-2016, Standard for Recreational Off-Highway Vehicles (revision of ANSI/ROHVA 1-2014)  
PINS Date: Jun 19, 2015 | Public Review Date: Feb 19, 2016 | Final Action Date: Apr 18, 2016 | [Approved](#)

**RVIA (Recreational Vehicle Industry Association)**

2465 J-17 Centreville Road, #801, Herndon, VA 20171 | w: [www.rvia.org](http://www.rvia.org)

- ▶ ANSI A119.5-2020, Park Model Recreational Vehicle Standard (revision of ANSI A119.5-2015)  
PINS Date: Nov 2, 2018 | Public Review Date: Oct 4, 2019 | Final Action Date: Jan 9, 2020 | [Approved](#)
- ▶ ANSI/RVIA EGS-1-2022, Engine Generator Sets for Recreational Vehicle Safety Requirements (revision of ANSI/RVIA EGS-1-2018)  
PINS Date: Aug 6, 2021 | Public Review Date: Feb 25, 2022 | Final Action Date: May 3, 2022 | [Approved](#)
- ▶ ANSI/RVIA EXTLAD-1-2019, Recommended Practice Laboratory Test Procedures for Exterior Ladders on Recreational Vehicles (new standard)  
PINS Date: Jun 30, 2017 | Public Review Date: Jun 14, 2019 | Final Action Date: Jul 19, 2019 | [Approved](#)

**RVIA (Recreational Vehicle Industry Association)**

- ▶ ANSI/RVIA LV-2020, Standard for Low Voltage Systems in Conversion and Recreational Vehicles (revision of ANSI/RVIA LV-2017)  
PINS Date: Nov 2, 2018 | Public Review Date: Oct 4, 2019 | Final Action Date: Jan 9, 2020 | [Approved](#)
- ▶ ANSI/RVIA RVEC-1-2021, Recommended Practice Testing Requirements of Exterior Components for Recreational Vehicles (new standard)  
PINS Date: Jun 5, 2020 | Public Review Date: May 28, 2021 | Final Action Date: Aug 9, 2021 | [Approved](#)
- ▶ ANSI/RVIA TSIC-1-2018 (R2023), Recommended Practice Process Controls for Assembly of Wheels on Trailers (reaffirmation of ANSI/RVIA TSIC-1-2018)  
PINS Date: Feb 11, 2022 | Public Review Date: Jun 10, 2022 | Final Action Date: Jan 26, 2023 | [Approved](#)
- ▶ ANSI/RVIA UPA-1-2019, Uniform Plan Approval Recreational Vehicles (revision of ANSI/RVIA UPA-1-2014)  
PINS Date: Apr 13, 2018 | Public Review Date: Feb 1, 2019 | Final Action Date: Mar 8, 2019 | [Approved](#)

**SAAMI (Sporting Arms and Ammunition Manufacturers Institute)**

6 Corporate Drive, Suite 650, Shelton, CT 06484 | w: [www.saami.org](http://www.saami.org)

- ▶ ANSI/SAAMI Z299.1-2015 (R2018), Voluntary Industry Performance Standards for Pressure and Velocity of Rimfire Sporting Ammunition for Use by Commercial Manufacturers (reaffirmation of ANSI/SAAMI Z299.1-2015)  
PINS Date: May 12, 2017 | Public Review Date: Nov 9, 2018 | Final Action Date: Jun 13, 2018 | [Approved](#)
- ▶ ANSI/SAAMI Z299.2-2019, Voluntary Industry Performance Standards for Pressure and Velocity of Shotshell Ammunition for the Use of Commercial Manufacturers. (revision of ANSI/SAAMI Z299.2-2015)  
PINS Date: Mar 16, 2018 | Public Review Date: Feb 22, 2019 | Final Action Date: Apr 23, 2019 | [Approved](#)
- ▶ ANSI/SAAMI Z299.3-2022, Voluntary Industry Performance Standards for Pressure and Velocity of Centerfire Pistol and Revolver Ammunition for the Use of Commercial Manufacturers (revision of ANSI/SAAMI Z299.3-2015)  
PINS Date: Oct 15, 2021 | Public Review Date: Mar 25, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)
- ▶ ANSI/SAAMI Z299.4-2015, Voluntary Industry Performance Standards for Pressure and Velocity of Centerfire Rifle Sporting Ammunition for Use by Commercial Manufacturers (new standard)  
PINS Date: Mar 25, 2005 | Public Review Date: Nov 9, 2018 | Final Action Date: Dec 14, 2015 | [Approved](#)
- ▶ ANSI/SAAMI Z299.5-2016, Voluntary Industry Performance Standards Criteria for Evaluation of New Firearms Designs Under Conditions of Abusive Mishandling for the Use of Commercial Manufacturers (new standard)  
PINS Date: May 22, 2015 | Public Review Date: Nov 9, 2018 | Final Action Date: Mar 14, 2016 | [Approved](#)

**SAE (SAE International)**

755 West Big Beaver Road, Suite 1600, Troy, MI 48084 | w: [www.sae.org](http://www.sae.org)

- ▶ ANSI/SAE ISO 9244-2010, Earth Moving Machinery - Product Safety Labels - General Principles (identical national adoption of ISO 9244 and revision of ANSI/SAE ISO 9244-2009)  
PINS Date: Sep 25, 2009 | Public Review Date: Mar 12, 2010 | Final Action Date: May 27, 2010 | [Approved](#)
- ▶ SAE J3097 TM/ANSI Z26.1-2019, Standard For Safety Glazing Materials For Glazing Motor Vehicles And Motor Vehicle Equipment Operating On Land Highways – Safety Standard (new standard)  
PINS Date: May 29, 2015 | Public Review Date: Jun 1, 2018 | Final Action Date: Mar 21, 2019 | [Approved](#)

**SAIA (ASC A11) (Scaffold & Access Industry Association)**

400 Admiral Boulevard, Kansas City, MO 64106 | w: [www.saiaonline.org](http://www.saiaonline.org)

- ▶ ANSI/SAIA A11.1-2019, Standard for Testing and Rating Scaffold Assemblies and Components (new standard)  
PINS Date: Aug 5, 2016 | Public Review Date: May 10, 2019 | Final Action Date: Nov 21, 2019 | [Approved](#)

**SAIA (ASC A11) (Scaffold & Access Industry Association)**

- ▶ ANSI/SAIA A11.2-2023, Standard for Testing & Rating Shoring Equipment (new standard)  
PINS Date: Aug 5, 2016 | Public Review Date: Apr 23, 2021 | Final Action Date: Jan 13, 2023 | [Approved](#)
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**SAIA (ASC A92) (Scaffold & Access Industry Association)**

400 Admiral Boulevard, Kansas City, MO 64106 | w: [www.saiaonline.org](http://www.saiaonline.org)

- ▶ ANSI/SAIA A92.10-2009 (R2014), Standard for Transport Platforms (reaffirmation of ANSI/SIA A92.10-2009)  
Public Review Date: Aug 1, 2014 | Final Action Date: Dec 17, 2014 | [Approved](#)
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- ▶ ANSI/SAIA A92.2-2021, Vehicle-Mounted Elevating and Rotating Aerial Devices (revision of ANSI/SAIA A92.2-2015)  
PINS Date: May 8, 2020 | Public Review Date: Jan 8, 2021 | Final Action Date: Jul 28, 2021 | [Approved](#)
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- ▶ ANSI/SAIA A92.20-2021, Design, Calculations, Safety Requirements and Test Methods for Mobile Elevating Work Platforms (MEWPs) (revision of ANSI/SAIA A92.20-2020)  
PINS Date: Dec 18, 2020 | Public Review Date: Jan 22, 2021 | Final Action Date: Aug 5, 2021 | [Approved](#)
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- ▶ ANSI/SAIA A92.22-2021, Safe Use of Mobile Elevating Work Platforms (MEWPs) (revision of ANSI/SAIA A92.22-2020)  
PINS Date: Dec 18, 2020 | Public Review Date: Jan 22, 2021 | Final Action Date: Aug 5, 2021 | [Approved](#)
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- ▶ ANSI/SAIA A92.24-2018, Training Requirements for the Use, Operation, Inspection, Testing and Maintenance of Mobile Elevating Work Platforms (MEWPs) (new standard)  
PINS Date: Apr 16, 2010 | Public Review Date: Mar 24, 2017 | Final Action Date: Nov 20, 2018 | [Approved](#)
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- ▶ ANSI/SAIA A92.7-2014, Standard for Airline Ground Support Vehicle-Mounted Vertical Lift Devices (new standard)  
PINS Date: Oct 14, 2005 | Public Review Date: Dec 20, 2013 | Final Action Date: Mar 4, 2014 | [Approved](#)
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- ▶ ANSI/SAIA A92.9-2011 (R2017), Standard for Mast-Climbing Work Platforms (reaffirmation of ANSI/SIA A92.9-2011)  
Public Review Date: Dec 2, 2016 | Final Action Date: Jan 24, 2017 | [Approved](#)
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**SCTE (Society of Cable Telecommunications Engineers)**

140 Philips Road, Exton, PA 19341-1318 | w: [www.scte.org](http://www.scte.org)

- ▶ ANSI/SCTE 01-2021, Specification for F Port, Female, Outdoor (revision of ANSI/SCTE 01-2015)  
PINS Date: Feb 28, 2020 | Public Review Date: Apr 30, 2021 | Final Action Date: Jun 18, 2021 | [Approved](#)
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- ▶ ANSI/SCTE 02-2021, Specification for F Port, Female, Indoor (revision of ANSI/SCTE 02-2015)  
PINS Date: Feb 28, 2020 | Public Review Date: Apr 30, 2021 | Final Action Date: Jun 18, 2021 | [Approved](#)
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- ▶ ANSI/SCTE 03-2016, Test Method for Coaxial Cable Structural Return Loss (new standard)  
PINS Date: Feb 15, 2013 | Public Review Date: Aug 31, 2018 | Final Action Date: Oct 25, 2018 | [Approved](#)
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- ▶ ANSI/SCTE 04-2021, Test Method for F Connector Return Loss (revision of ANSI/SCTE 04-2014)  
PINS Date: Sep 7, 2018 | Public Review Date: Dec 3, 2021 | Final Action Date: Feb 28, 2022 | [Approved](#)
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- ▶ ANSI/SCTE 05-2022, Test Method for F Connector Return Loss In-Line Pair (revision of ANSI/SCTE 05-2014)  
PINS Date: Sep 7, 2018 | Public Review Date: Dec 3, 2021 | Final Action Date: May 20, 2022 | [Approved](#)
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- ▶ ANSI/SCTE 06-2019, Composite Distortion Measurements (CSO & CTB) (revision of ANSI/SCTE 06-2015)  
PINS Date: Feb 8, 2019 | Public Review Date: Mar 22, 2019 | Final Action Date: May 21, 2019 | [Approved](#)
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- ▶ ANSI/SCTE 07-2018, Digital Transmission Standard For Cable Television (revision of ANSI/SCTE 07-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Oct 26, 2018 | Final Action Date: Dec 17, 2018 | [Approved](#)
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- ▶ ANSI/SCTE 09-2016, Test Method for Cold Bend (revision of ANSI/SCTE 09-2010)  
PINS Date: Apr 17, 2015 | Public Review Date: Sep 30, 2016 | Final Action Date: Nov 22, 2016 | [Approved](#)
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**SCTE (Society of Cable Telecommunications Engineers)**

- ▶ ANSI/SCTE 10-2014 (R2021), Test Method for Flexible Coaxial Cable Impact (reaffirmation of ANSI/SCTE 10-2014)  
PINS Date: Sep 7, 2018 | Public Review Date: Nov 19, 2021 | Final Action Date: Jan 18, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 101-2019, Hard Line Splice Connector Return Loss (revision of ANSI/SCTE 101-2011)  
PINS Date: Dec 25, 2015 | Public Review Date: Jan 24, 2020 | Final Action Date: Apr 13, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 102-2016, Cable Retention Force Testing of Trunk & Distribution Connectors (revision of ANSI/SCTE 102-2010)  
PINS Date: Apr 17, 2015 | Public Review Date: Nov 25, 2016 | Final Action Date: Jan 11, 2017 | [Approved](#)

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- ▶ ANSI/SCTE 103-2018, Test Method for DC Contact Resistance, Drop cable to F connectors and F 81 Barrels (revision of ANSI/SCTE 103-2012)  
PINS Date: Dec 9, 2016 | Public Review Date: Mar 23, 2018 | Final Action Date: May 22, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 104-2019a, Automation System to Compression System Communications Applications Program Interface (API) (revision of ANSI/SCTE 104-2019)  
PINS Date: Oct 11, 2019 | Public Review Date: Dec 20, 2019 | Final Action Date: Feb 24, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 106-2018, DOCSIS Set-top Gateway (DSG) Specification (revision of ANSI/SCTE 106-2010)  
PINS Date: Apr 17, 2015 | Public Review Date: Mar 2, 2018 | Final Action Date: May 21, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 107-2021, Embedded Cable Modem Devices (revision of ANSI/SCTE 107-2017)  
PINS Date: Feb 5, 2021 | Public Review Date: Jul 9, 2021 | Final Action Date: Sep 2, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 108-2018, Test Method for Dielectric Withstand of Coaxial Cable (revision of ANSI/SCTE 108-2012)  
PINS Date: Dec 9, 2016 | Public Review Date: Feb 2, 2018 | Final Action Date: May 22, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 109-2020, Test Procedure for Common Path Distortion (CPD) (revision of ANSI/SCTE 109-2016)  
PINS Date: Jun 14, 2019 | Public Review Date: Oct 11, 2019 | Final Action Date: Jan 6, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 11-2018, Test Method for Aerial Cable Corrosion Protection Flow (revision of ANSI/SCTE 11-2012)  
PINS Date: Nov 25, 2016 | Public Review Date: May 25, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 110-2020, Hybrid Fiber Coax Outside Plant Status Monitoring: Alternative Power Supply to Transponder Interface Bus (PSTIB) For HMS Transponders (revision of ANSI/SCTE 110-2011)  
PINS Date: Dec 25, 2015 | Public Review Date: Jun 19, 2020 | Final Action Date: Aug 6, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 111-2017, Specification for 5/8-24 Plug, Male Adaptors (revision of ANSI/SCTE 111-2010)  
PINS Date: Apr 17, 2015 | Public Review Date: Sep 8, 2017 | Final Action Date: Nov 1, 2017 | [Approved](#)

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- ▶ ANSI/SCTE 112-2017 (R2022), HMS/DOCSIS Transponder for Outside Plant Power Supply (reaffirmation of ANSI/SCTE 112-2017)  
Public Review Date: Aug 19, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 113-2017 (R2022), HMS Digital Transport Management Information Base SCTE-HMS-HE-DIG-TRANSPORT-MIB (reaffirmation of ANSI/SCTE 113-2017)  
Public Review Date: Aug 19, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 115-2019, Test Method for Reverse Path (Upstream) Intermodulation Using Two Carriers (revision of ANSI/SCTE 115-2011)  
PINS Date: Dec 25, 2015 | Public Review Date: Mar 22, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 116-2018, Specification for 5/8-24 Port, Female Adapters (revision of ANSI/SCTE 116-2011)  
PINS Date: Dec 25, 2015 | Public Review Date: Jun 15, 2018 | Final Action Date: Aug 31, 2018 | [Approved](#)

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**SCTE (Society of Cable Telecommunications Engineers)**

- ▶ ANSI/SCTE 118-1-2019, Program-Specific Ad Insertion - Data Field Definitions, Functional Overview and Application Guidelines (revision of ANSI/SCTE 118-1-2012)  
PINS Date: Jan 6, 2017 | Public Review Date: Feb 15, 2019 | Final Action Date: Apr 10, 2019 | [Approved](#)
- ▶ ANSI/SCTE 118-2-2019, Program-Specific Ad Insertion - Content Provider to Traffic Communication Applications Data Model (revision of ANSI/SCTE 118-2-2012)  
PINS Date: Jan 6, 2017 | Public Review Date: Feb 15, 2019 | Final Action Date: Apr 10, 2019 | [Approved](#)
- ▶ ANSI/SCTE 118-3-2019, Program-Specific Ad Insertion - Traffic System to Ad Insertion System File Format Specification (revision of ANSI/SCTE 118-3-2012)  
PINS Date: Jan 6, 2017 | Public Review Date: Feb 15, 2019 | Final Action Date: Apr 10, 2019 | [Approved](#)
- ▶ ANSI/SCTE 119-2018, Measurement Procedure for Noise Power Ratio (revision of ANSI/SCTE 119-2011)  
PINS Date: Dec 25, 2015 | Public Review Date: Jun 15, 2018 | Final Action Date: Aug 31, 2018 | [Approved](#)
- ▶ ANSI/SCTE 12-2018, Test Method for Center Conductor Bond to Dielectric for Trunk Feeder and Distribution Coaxial Cables (revision of ANSI/SCTE 12-2011)  
PINS Date: Dec 25, 2015 | Public Review Date: May 25, 2018 | Final Action Date: Feb 1, 2019 | [Approved](#)
- ▶ ANSI/SCTE 121-2018, Test Method for Downstream Bit Error Ratio (revision of ANSI/SCTE 121-2011)  
PINS Date: Dec 25, 2015 | Public Review Date: Jan 11, 2019 | Final Action Date: Mar 8, 2019 | [Approved](#)
- ▶ ANSI/SCTE 123-2021, Specification for F Connector, Male, Feed-Through (revision of ANSI/SCTE 123-2011)  
PINS Date: Dec 25, 2015 | Public Review Date: Apr 2, 2021 | Final Action Date: Jun 17, 2021 | [Approved](#)
- ▶ ANSI/SCTE 124-2021, Specification for F Connector, Male, Pin Type (revision of ANSI/SCTE 124-2011)  
PINS Date: Dec 25, 2015 | Public Review Date: Apr 2, 2021 | Final Action Date: Jun 17, 2021 | [Approved](#)
- ▶ ANSI/SCTE 125-2020, Hard Line Pin Connector Return Loss (revision of ANSI/SCTE 125-2018)  
PINS Date: Feb 21, 2020 | Public Review Date: Oct 22, 2021 | Final Action Date: Jan 5, 2022 | [Approved](#)
- ▶ ANSI/SCTE 126-2019, Test Method for Distortion of 2-way Amplifiers Caused by Insufficient Isolation of Built in Diplex Filter (revision of ANSI/SCTE 126-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Apr 19, 2019 | Final Action Date: Jul 15, 2019 | [Approved](#)
- ▶ ANSI/SCTE 127-2019, Carriage of Vertical Blanking Interval (VBI) Data in North American Digital Television Bitstreams (new standard)  
PINS Date: Jan 17, 2020 | Public Review Date: Feb 28, 2020 | Final Action Date: Nov 12, 2021 | [Approved](#)
- ▶ ANSI/SCTE 128-01-2019, AVC Video Constraints for Cable Television Part 1- Coding (revision and redesignation of ANSI/SCTE 128-1-2018)  
Public Review Date: Feb 7, 2020 | Final Action Date: Mar 30, 2020 | [Approved](#)
- ▶ ANSI/SCTE 128-2-2018, AVC Video Constraints for Cable Television Part 2 - Transport (revision of ANSI/SCTE 128-2-2010)  
PINS Date: Mar 2, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Nov 2, 2018 | [Approved](#)
- ▶ ANSI/SCTE 129-2021, Drop Passives: Bonding Blocks(Without Surge Protection) (revision of ANSI/SCTE 129-2017)  
PINS Date: Mar 6, 2020 | Public Review Date: Apr 30, 2021 | Final Action Date: Jul 22, 2021 | [Approved](#)
- ▶ ANSI/SCTE 13-2018, Dielectric Air Leak Test Method For Trunk, Feeder and Distribution Coaxial Cable (revision of ANSI/SCTE 13-2011)  
PINS Date: Dec 25, 2015 | Public Review Date: May 25, 2018 | Final Action Date: Feb 1, 2019 | [Approved](#)
- ▶ ANSI/SCTE 130-04-2020, Digital Program Insertion–Advertising Systems Interfaces Part 4Content Information Service (CIS) (revision and redesignation of ANSI/SCTE 130-4-2015)  
PINS Date: Oct 18, 2019 | Public Review Date: Sep 18, 2020 | Final Action Date: Nov 4, 2020 | [Approved](#)

**SCTE (Society of Cable Telecommunications Engineers)**

- ▶ ANSI/SCTE 130-05-2020, Digital Program Insertion - Advertising Systems Interfaces Part 5: Placement Opportunity Information Service (POIS) (revision of ANSI/SCTE 130-5-2016)  
PINS Date: Oct 18, 2019 | Public Review Date: Sep 18, 2020 | Final Action Date: Nov 4, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 130-07-2020, Digital Program Insertion–Advertising Systems InterfacesPart 7 – Message Transport (revision of ANSI/SCTE 130-07 2016)  
PINS Date: Nov 15, 2019 | Public Review Date: Sep 18, 2020 | Final Action Date: Nov 4, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 130-1-2020, Digital Program Insertion – Advertising Systems InterfacesPart 1 – Advertising Systems Overview (revision of ANSI/SCTE 130-1-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Jul 10, 2020 | Final Action Date: Sep 3, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 130-10-2020, Digital Program Insertion – Advertising Systems InterfacesPart 10Stream Restriction Data Model (SRDM) (revision of ANSI/SCTE 130-10-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Jul 10, 2020 | Final Action Date: Sep 3, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 130-2-2020, Digital Program Insertion–Advertising Systems Interfaces Part 2 Core Data Elements (revision of ANSI/SCTE 130-2 2014)  
PINS Date: Sep 7, 2018 | Public Review Date: Jan 1, 2021 | Final Action Date: Mar 1, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 130-3-2020, Digital Program Insertion-Advertising Systems InterfacesPart 3Ad Management Service (ADM) Interface (revision of ANSI/SCTE 130-3-2013)  
Public Review Date: Jan 1, 2021 | Final Action Date: Feb 22, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 130-6-2020, Digital Program Insertion–Advertising Systems InterfacesPart 6–Subscriber Information Service (SIS) (revision of ANSI/SCTE 130-6-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Jul 10, 2020 | Final Action Date: Sep 8, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 130-7-2015, Digital Program Insertion-Advertising Systems Interfaces - Part 7: Message Transport (revision of ANSI/SCTE 130-7-2009)  
PINS Date: Aug 8, 2014 | Public Review Date: Jan 1, 2016 | Final Action Date: Apr 15, 2016 | [Approved](#)

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- ▶ ANSI/SCTE 130-8-2020, Digital Program Insertion–Advertising Systems InterfacesPart 8–General Information Service (GIS) (revision of ANSI/SCTE 130-8-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Jul 10, 2020 | Final Action Date: Sep 3, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 130-9-2020, Recommended Practices for SCTE 130Digital Program Insertion—Advertising Systems Interfaces (revision of ANSI/SCTE 130-9-2014)  
Public Review Date: Jul 10, 2020 | Final Action Date: Sep 3, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 131-2017, HMS VoIP Test Management Information Base (MIB) Definition SCTE-HMS-VOIP-MIB (revision of ANSI/SCTE 131-2007)  
PINS Date: Feb 17, 2012 | Public Review Date: Dec 29, 2017 | Final Action Date: Feb 28, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 132-2020, Test Method for Reverse Path (Upstream) bit error rate (revision of ANSI/SCTE 132-2012)  
PINS Date: Dec 9, 2016 | Public Review Date: Nov 15, 2019 | Final Action Date: Jan 6, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 133-2017 (R2021), Downstream RF Interface for Cable Modem Termination System (reaffirmation of ANSI/SCTE 133-2017)  
PINS Date: Feb 5, 2021 | Public Review Date: Dec 24, 2021 | Final Action Date: Feb 8, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 134-2021, Fusion Splicing Equipment and Applications for the Cable/Broadband Industry (revision of ANSI/SCTE 134-2012)  
PINS Date: Dec 9, 2016 | Public Review Date: Mar 12, 2021 | Final Action Date: May 13, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 135-02-2019, DOCSIS 3.0 Part 2: MAC and Upper Layer Protocols (revision of ANSI/SCTE 135-2-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Mar 15, 2019 | Final Action Date: May 10, 2019 | [Approved](#)

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**SCTE (Society of Cable Telecommunications Engineers)**

- ▶ ANSI/SCTE 135-03-2019, DOCSIS 3.0 Part 3: Security Services (revision and redesignation of ANSI/SCTE 135-3-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Mar 8, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 135-04-2019, DOCSIS 3.0 Part 4: Operations Support Systems Interface (revision and redesignation of ANSI/SCTE 135-4-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Mar 8, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 135-1-2018, DOCSIS 3.0 Part 1: Physical Layer Specification (revision of ANSI/SCTE 135-1-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Sep 21, 2018 | Final Action Date: Nov 9, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 135-5-2022, DOCSIS 3.0 Part 5: Cable Modem to Customer Premise Equipment Interface (revision of ANSI/SCTE 135-5-2017)  
Public Review Date: Aug 26, 2022 | Final Action Date: Dec 1, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 136-1-2019, Layer 2 Virtual Private Networks for IP Cable Modem Systems (revision of ANSI/SCTE 136-1-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Apr 26, 2019 | Final Action Date: Jul 15, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 136-2-2019, Cable Modem TDM Emulation Interface Standard (revision of ANSI/SCTE 136-2-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Apr 26, 2019 | Final Action Date: Jul 15, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 137-1-2017 (R2021), Modular Head End Architecture Part 1: DOCSIS Timing Interface (reaffirmation of ANSI/SCTE 137-1-2017)  
PINS Date: Feb 5, 2021 | Public Review Date: Oct 29, 2021 | Final Action Date: Jan 7, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 137-2-2017 (R2021), Modular Head End Architecture Part 2: M-CMTS Downstream External PHY Interface (reaffirmation of ANSI/SCTE 137-2-2017)  
PINS Date: Feb 5, 2021 | Public Review Date: Oct 29, 2021 | Final Action Date: Jan 7, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 137-3-2017 (R2021), Modular Head End Architecture Part 3: Operations Support System Interface (reaffirmation of ANSI/SCTE 137-3-2017)  
PINS Date: Feb 5, 2021 | Public Review Date: Oct 29, 2021 | Final Action Date: Jan 7, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 137-4-2017 (R2021), Modular Head End Architecture Part 4: Edge Resource Manager Interface (reaffirmation of ANSI/SCTE 137-4-2017)  
PINS Date: Feb 5, 2021 | Public Review Date: Oct 29, 2021 | Final Action Date: Jan 7, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 137-5-2017 (R2021), Modular Head End Architecture Part 5: Edge QAM Provisioning and Management Interface. (reaffirmation of ANSI/SCTE 137-5-2017)  
PINS Date: Feb 5, 2021 | Public Review Date: Oct 29, 2021 | Final Action Date: Jan 7, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 137-6-2017 (R2021), Modular Head End Architecture Part 6: Edge QAM Video Stream Interface (reaffirmation of ANSI/SCTE 137-6-2017)  
PINS Date: Feb 5, 2021 | Public Review Date: Oct 29, 2021 | Final Action Date: Jan 7, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 137-7-2017 (R2021), Modular Head End Architecture Part 7: EQAM Architectural Overview Technical Report (reaffirmation of ANSI/SCTE 137-7-2017)  
PINS Date: Feb 5, 2021 | Public Review Date: Oct 29, 2021 | Final Action Date: Jan 7, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 138-2019, Stream Conditioning For Switching Of Addressable Content In Digital Television Receivers (revision of ANSI/SCTE 138-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: May 17, 2019 | Final Action Date: Jul 15, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 14-2016 (R2022), Test Method for Hex Crimp Tool Verification/Calibration (reaffirmation of ANSI/SCTE 14-2016)  
PINS Date: Jan 28, 2022 | Public Review Date: Mar 11, 2022 | Final Action Date: May 6, 2022 | [Approved](#)

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**SCTE (Society of Cable Telecommunications Engineers)**

- ▶ ANSI/SCTE 140-2019, Cable Modem IPv4 and IPv6 eRouter Specification (revision of ANSI/SCTE 140-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Apr 26, 2019 | Final Action Date: Jul 15, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 142-2017 (R2021), Recommended Practice for Transport Stream Verification (reaffirmation of ANSI/SCTE 142-2017)  
PINS Date: Feb 5, 2021 | Public Review Date: Jul 30, 2021 | Final Action Date: Oct 22, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 143-2018, Test Method for Salt Spray (revision of ANSI/SCTE 143-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Jan 11, 2019 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 144-2017, Test Procedure for Measuring Transmission and Reflection (revision of ANSI/SCTE 144-2012)  
PINS Date: Dec 9, 2016 | Public Review Date: Sep 8, 2017 | Final Action Date: Nov 7, 2017 | [Approved](#)

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- ▶ ANSI/SCTE 145-2022, Test Method for Second Harmonic Distortion of Passives Using a Single Carrier (revision of ANSI/SCTE 145-2015)  
PINS Date: Nov 15, 2019 | Public Review Date: Feb 25, 2022 | Final Action Date: May 6, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 146-2021, Outdoor F Female to F Female Inline Splice (revision of ANSI/SCTE 146-2017)  
PINS Date: Mar 6, 2020 | Public Review Date: Apr 30, 2021 | Final Action Date: Jul 22, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 147-2010, Specification for 75 ohm Inline Attenuators (revision of ANSI/SCTE 147-2008)  
PINS Date: Nov 9, 2012 | Public Review Date: Apr 26, 2013 | Final Action Date: Jun 26, 2013 | [Approved](#)

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- ▶ ANSI/SCTE 148-2022, Specification for Male F Terminator, 75 Ohm (revision of ANSI/SCTE 148-2016)  
PINS Date: Jan 15, 2021 | Public Review Date: Nov 11, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)

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- ▶ ANSI/SCTE 149-2019, Test Method for Withstand Tightening Torque - F Female (revision of ANSI/SCTE 149-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Apr 5, 2019 | Final Action Date: Jul 15, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 15-2022, Specification for Trunk, Feeder and Distribution Coaxial Cable (revision of ANSI/SCTE 15-2019)  
PINS Date: Apr 16, 2021 | Public Review Date: Feb 25, 2022 | Final Action Date: Apr 25, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 150-2013, Preparing a Line Extender Specification (revision of ANSI/SCTE 150-2008)  
PINS Date: Nov 9, 2012 | Public Review Date: Apr 26, 2013 | Final Action Date: Jun 26, 2013 | [Approved](#)

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- ▶ ANSI/SCTE 151-2021, Mechanical, Electrical, and Environmental Requirements for RF Traps and Filters (revision of ANSI/SCTE 151-2015)  
PINS Date: Nov 15, 2019 | Public Review Date: Oct 29, 2021 | Final Action Date: Jan 14, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 152-2019, Test Procedure for Contact Resistance Measurement of Mainline Plug Interface (revision of ANSI/SCTE 152-2014)  
PINS Date: Sep 7, 2018 | Public Review Date: Apr 26, 2019 | Final Action Date: Jul 9, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 153-2021, Drop Passives: Splitters, Couplers and Power Inserters (revision of ANSI/SCTE 153-2016)  
PINS Date: Apr 23, 2021 | Public Review Date: Dec 3, 2021 | Final Action Date: Feb 7, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 154-1-2018, Digital Video Common MIB (revision of ANSI/SCTE 154-1-2008)  
PINS Date: Feb 15, 2013 | Public Review Date: May 4, 2018 | Final Action Date: Dec 6, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 154-2-2018, SCTE-HMS-QAM-MIB (revision of ANSI/SCTE 154-2-2008)  
PINS Date: Feb 15, 2013 | Public Review Date: May 4, 2018 | Final Action Date: Jul 20, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 154-3-2018, Encoder MIB (revision of ANSI/SCTE 154-3-2008)  
PINS Date: Feb 15, 2013 | Public Review Date: May 4, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)

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**SCTE (Society of Cable Telecommunications Engineers)**

- ▶ ANSI/SCTE 154-4-2018, MPEG Management Information Base SCTE-HMS-MPEG MIB (revision of ANSI/SCTE 154-4-2008)

PINS Date: Feb 15, 2013 | Public Review Date: May 4, 2018 | Final Action Date: Jul 20, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 154-5-2018, SCTE-HMS-Headendident Textual Conventions MIB (revision of ANSI/SCTE 154-5-2008)

PINS Date: Feb 15, 2013 | Public Review Date: May 4, 2018 | Final Action Date: Jul 20, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 155-2021, Indoor F Female to F Female Inline Splice (revision of ANSI/SCTE 155-2017)

PINS Date: Mar 6, 2020 | Public Review Date: Apr 30, 2021 | Final Action Date: Jul 22, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 156-2019, Specification for Mainline Plug (Male) to Cable Interface (revision of ANSI/SCTE 156-2016)

PINS Date: Dec 21, 2018 | Public Review Date: Feb 8, 2019 | Final Action Date: Apr 9, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 158-2016, Recommended Environmental Condition Ranges for Broadband Communications Equipment (revision of ANSI/SCTE 158-2009)

PINS Date: Dec 6, 2013 | Public Review Date: Nov 4, 2016 | Final Action Date: Dec 27, 2016 | [Approved](#)

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- ▶ ANSI/SCTE 159-1-2017 (R2022), Multimedia Application and Service Part 1: IPCablecom Multimedia (reaffirmation of ANSI/SCTE 159-1-2017)

PINS Date: Feb 5, 2021 | Public Review Date: Jan 28, 2022 | Final Action Date: Mar 21, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 159-2-2017 (R2022), Multimedia Application and Service Part 2: IPCablecom Multimedia Web Services (reaffirmation of ANSI/SCTE 159-2-2017)

PINS Date: Feb 5, 2021 | Public Review Date: Jan 28, 2022 | Final Action Date: Mar 21, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 16-2018, Test Procedure for Hum Modulation (revision of ANSI/SCTE 16-2012)

PINS Date: Dec 2, 2016 | Public Review Date: May 4, 2018 | Final Action Date: Dec 6, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 160-2018, Specification for Mini F Connector, Male, Pin Type (revision of ANSI/SCTE 160-2010)

PINS Date: Apr 17, 2015 | Public Review Date: Dec 14, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 161-2016, Drop Amplifiers (revision of ANSI/SCTE 161-2009)

PINS Date: Dec 6, 2013 | Public Review Date: Nov 25, 2016 | Final Action Date: Jan 11, 2017 | [Approved](#)

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- ▶ ANSI/SCTE 162-2019, Emergency Alert Signaling for the Home Network (revision of ANSI/SCTE 162-2019)

PINS Date: Jan 25, 2019 | Public Review Date: Mar 15, 2019 | Final Action Date: May 3, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 163-2018, SCTE HMS Switched Digital Video MIB (revision of ANSI/SCTE 163-2009)

PINS Date: Apr 24, 2015 | Public Review Date: May 4, 2018 | Final Action Date: Jul 20, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 164-2019, Emergency Alert Metadata Descriptor (revision of ANSI/SCTE 164-2010)

PINS Date: Mar 21, 2014 | Public Review Date: May 31, 2019 | Final Action Date: Aug 6, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 165-01-2019, IPCablecom 1.5 Part 1: Architecture Framework Technical Report (revision of ANSI/SCTE 165-1-2009)

PINS Date: Apr 17, 2015 | Public Review Date: Mar 15, 2019 | Final Action Date: May 14, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 165-04-2019, IPCablecom 1.5 Part 4: Dynamic Quality-of-Service (revision of ANSI/SCTE 165-4-2009)

PINS Date: Apr 17, 2015 | Public Review Date: Mar 15, 2019 | Final Action Date: May 14, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 165-06-2019, IPCablecom 1.5 Part 6: MIBS Framework (revision of ANSI/SCTE 165-6-2009)

PINS Date: Apr 17, 2015 | Public Review Date: Mar 15, 2019 | Final Action Date: May 14, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 165-07-2019, IPCablecom 1.5 Part 7: MTA MIB (revision of ANSI/SCTE 165-7-2009)

PINS Date: Apr 17, 2015 | Public Review Date: Mar 15, 2019 | Final Action Date: May 14, 2019 | [Approved](#)

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**SCTE (Society of Cable Telecommunications Engineers)**

- ▶ ANSI/SCTE 165-08-2019, IPCablecom 1.5 Part 8: Signaling MIB (revision of ANSI/SCTE 165-8-2009)  
PINS Date: Apr 17, 2015 | Public Review Date: Mar 15, 2019 | Final Action Date: May 23, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 165-09-2019, IPCablecom 1.5 Part 9: Event Messages (revision of ANSI/SCTE 165-9-2009)  
PINS Date: Apr 17, 2015 | Public Review Date: Mar 15, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 165-10-2020, IPCablecom 1.5 Part 10: Security (new standard)  
PINS Date: Apr 17, 2015 | Public Review Date: Aug 21, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 165-11-2019, IPCablecom 1.5 Part 11: Analog Trunking for PBX Specification (revision of ANSI/SCTE 165-11-2009)  
PINS Date: Apr 17, 2015 | Public Review Date: Mar 15, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 165-12-2016 (R2021), IPCablecom 1.5 Part 12: PSTN Gateway Call Signaling Protocol (reaffirmation of ANSI/SCTE 165-12-2016)  
PINS Date: Feb 5, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Jan 14, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 165-13-2019, IPCablecom 1.5 Part 13: Electronic Surveillance Standard (revision of ANSI/SCTE 165-13-2009)  
PINS Date: Apr 17, 2015 | Public Review Date: Mar 15, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 165-14-2019, IPCablecom 1.5 Part 14: Embedded MTA Analog Interface and Powering (revision of ANSI/SCTE 165-14-2009)  
PINS Date: Apr 17, 2015 | Public Review Date: Mar 15, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 165-15-2019, IPCablecom 1.5 Part 15: Management Event MIB Specification (revision of ANSI/SCTE 165-15-2009)  
PINS Date: Apr 17, 2015 | Public Review Date: Mar 15, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 165-16-2022, IPCablecom 1.5 Part 16: Management Event Mechanism (revision of ANSI/SCTE 165-16-2016)  
PINS Date: Mar 25, 2022 | Public Review Date: Aug 12, 2022 | Final Action Date: Oct 13, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 165-17-2019, IPCablecom 1.5 Part 17: Audio Server Protocol (revision of ANSI/SCTE 165-17-2009)  
PINS Date: Apr 17, 2015 | Public Review Date: Mar 15, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 165-18-2016 (R2021), IPCablecom 1.5 Part 18: CMS to CMS Signaling (reaffirmation of ANSI/SCTE 165-18-2016)  
PINS Date: Feb 5, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Jan 14, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 165-19-2019, IPCablecom 1.5 Part 19: CMS Subscriber Provisioning Specification (revision of ANSI/SCTE 165-19-2009)  
PINS Date: Apr 17, 2015 | Public Review Date: Mar 15, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 165-2-2016 (R2021), IPCablecom 1.5 Part 2: Audio/Video Codecs (reaffirmation of ANSI/SCTE 165-2-2016)  
PINS Date: Feb 5, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Jan 14, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 165-20-2019, IPCablecom 1.5 Part 20: MTA Extension MIB (revision of ANSI/SCTE 165-20-2009)  
PINS Date: Apr 17, 2015 | Public Review Date: Mar 15, 2019 | Final Action Date: May 21, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 165-21-2016 (R2021), IPCablecom 1.5 Part 21: Signaling Extension MIB (reaffirmation of ANSI/SCTE 165-21-2016)  
PINS Date: Feb 5, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Jan 14, 2022 | [Approved](#)

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**SCTE (Society of Cable Telecommunications Engineers)**

- ▶ ANSI/SCTE 165-3-2016 (R2021), IPCablecom 1.5 Part 3: Network-Based Call Signaling Protocol (reaffirmation of ANSI/SCTE 165-3-2016)  
PINS Date: Feb 5, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Jan 14, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 165-5-2019, IPCablecom 1.5 Part 5: MTA Device Provisioning (revision of ANSI/SCTE 165-5-2009)  
PINS Date: Apr 17, 2015 | Public Review Date: Mar 15, 2019 | Final Action Date: May 14, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 166-2020, Flexure Method for Drop Cable Conditioning (new standard)  
PINS Date: Apr 17, 2015 | Public Review Date: Aug 14, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 168-4-2019, Recommended Practice for Transport Stream Verification Metrics (revision of ANSI/SCTE 168-4-2010)  
PINS Date: Apr 24, 2015 | Public Review Date: Mar 15, 2019 | Final Action Date: May 10, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 168-6-2017 (R2021), Recommended Practice for Monitoring Multimedia Distribution Quality (reaffirmation of ANSI/SCTE 168-6-2017)  
PINS Date: Feb 5, 2021 | Public Review Date: Jul 30, 2021 | Final Action Date: Oct 22, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 168-7-2017 (R2021), Recommended Practice for Transport Stream Verification in an IP Transport Network (reaffirmation of ANSI/SCTE 168-7-2017)  
PINS Date: Feb 5, 2021 | Public Review Date: Jul 30, 2021 | Final Action Date: Oct 22, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 17-2018, Test Procedure for Carrier to Noise (C/N, CCN, CIN, CTN) (new standard)  
PINS Date: Dec 30, 2011 | Public Review Date: May 4, 2018 | Final Action Date: Jul 20, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 170-2020, Preparing an MDU Amplifier Extender Specification (revision of ANSI/SCTE 170-2010)  
PINS Date: Apr 10, 2020 | Public Review Date: May 22, 2020 | Final Action Date: Jul 14, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 171-2022, Passive Network Device (NID) Enclosure Specification (reaffirmation of ANSI/SCTE 171-2016)  
PINS Date: Jan 28, 2022 | Public Review Date: Mar 11, 2022 | Final Action Date: May 6, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 172-2017, Constraints on AVC and HEVC Structured Video Coding for Digital Program Insertion (revision of ANSI/SCTE 172-2011)  
PINS Date: Apr 25, 2014 | Public Review Date: Jul 28, 2017 | Final Action Date: Sep 12, 2017 | [Approved](#)

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- ▶ ANSI/SCTE 173-1-2017 (R2021), Requirements for Preferential Telecommunications over IPCablecom Networks (reaffirmation of ANSI/SCTE 173-1-2017)  
PINS Date: Feb 5, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Jan 14, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 173-2-2017 (R2021), Framework for Implementing Preferential Telecommunications in IPCablecom and IPCablecom2 Networks (reaffirmation of ANSI/SCTE 173-2-2017)  
PINS Date: Feb 5, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Jan 18, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 173-3-2017 (R2021), Specification for Authentication in Preferential Telecommunications over IPCablecom2 Networks (reaffirmation of ANSI/SCTE 173-3-2017)  
PINS Date: Feb 5, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Jan 18, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 173-4-2017 (R2021), Specification for Priority in Preferential Telecommunications over IPCablecom2 Networks (reaffirmation of ANSI/SCTE 173-4-2017)  
PINS Date: Feb 5, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Jan 18, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 174-2018, Radio Frequency over Glass Fiber-to-the-Home (RFoG) Specification Extension (revision of ANSI/SCTE 174-2010)  
PINS Date: Sep 12, 2014 | Public Review Date: Dec 28, 2018 | Final Action Date: Feb 22, 2019 | [Approved](#)

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**SCTE (Society of Cable Telecommunications Engineers)**

- ▶ ANSI/SCTE 175-2017 (R2021), Recommended Practice for Qualifying Network Devices for High Availability Streaming Video (reaffirmation of ANSI/SCTE 175-2017)  
PINS Date: Feb 5, 2021 | Public Review Date: Jul 30, 2021 | Final Action Date: Oct 22, 2021 | [Approved](#)
- ▶ ANSI/SCTE 176-2019, Specification for 75 ohm MCX Connector, Male & Female Interface (revision of ANSI/SCTE 176-2011)  
PINS Date: Dec 9, 2016 | Public Review Date: Sep 13, 2019 | Final Action Date: Oct 31, 2019 | [Approved](#)
- ▶ ANSI/SCTE 177-2018, Specification for Braided 75 , Mini-Series Quad Shield Coaxial Cable for CMTS and SDI cables (revision of ANSI/SCTE 177-2012)  
PINS Date: Jul 7, 2017 | Public Review Date: Aug 3, 2018 | Final Action Date: Oct 18, 2018 | [Approved](#)
- ▶ ANSI/SCTE 178-2019, Test Method for Cable Weld Integrity (revision of ANSI/SCTE 178-2011)  
PINS Date: Dec 25, 2015 | Public Review Date: Mar 1, 2019 | Final Action Date: Apr 18, 2019 | [Approved](#)
- ▶ ANSI/SCTE 185-2022, Test Method for Cantilever Force, Female F Port (revision of ANSI/SCTE 185-2017)  
PINS Date: Jul 29, 2022 | Public Review Date: Aug 19, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)
- ▶ ANSI/SCTE 186-2021, Product Physical, Environmental, Electrical, Sustainability, and Quality Requirements for Cable Telecommunications (revision of ANSI/SCTE 186-2016)  
PINS Date: Dec 25, 2020 | Public Review Date: Feb 12, 2021 | Final Action Date: Apr 19, 2021 | [Approved](#)
- ▶ ANSI/SCTE 187-1-2019, Stereoscopic 3D Formatting and Coding for Cable (revision of ANSI/SCTE 187-1-2012)  
PINS Date: Jan 6, 2017 | Public Review Date: Dec 20, 2019 | Final Action Date: Feb 24, 2020 | [Approved](#)
- ▶ ANSI/SCTE 187-2-2019, Stereoscopic 3D PSI Signaling (revision of ANSI/SCTE 187-2-2012)  
PINS Date: Jan 6, 2017 | Public Review Date: Dec 20, 2019 | Final Action Date: Mar 2, 2020 | [Approved](#)
- ▶ ANSI/SCTE 187-3-2019, Informative Guidance for Stereoscopic Video (revision of ANSI/SCTE 187-3-2012)  
PINS Date: Jan 6, 2017 | Public Review Date: Dec 20, 2019 | Final Action Date: Feb 24, 2020 | [Approved](#)
- ▶ ANSI/SCTE 19-2018, Methods for Isochronous Data Services Transport (revision of ANSI/SCTE 19-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Oct 30, 2018 | [Approved](#)
- ▶ ANSI/SCTE 191-2018, Test Method for Axial Pull Force, Femail F Port (revision of ANSI/SCTE 191-2010)  
PINS Date: Mar 2, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Nov 6, 2018 | [Approved](#)
- ▶ ANSI/SCTE 193-01-2020, MPEG AAC Audio Codec Constraints for Cable Television - Coding (revision and redesignation of ANSI/SCTE 193-1-2014)  
Public Review Date: Feb 7, 2020 | Final Action Date: Mar 31, 2020 | [Approved](#)
- ▶ ANSI/SCTE 193-02-2020, MPEG-4 AAC Family Audio System – Part 2 Constraints for Carriage over MPEG-2 Transport (revision and redesignation of ANSI/SCTE 193-2-2014)  
PINS Date: Sep 7, 2018 | Public Review Date: Feb 7, 2020 | Final Action Date: Mar 30, 2020 | [Approved](#)
- ▶ ANSI/SCTE 194-1-2018, DTS-HD AUDIO SYSTEM – Part 1:Coding Constraints for Cable Television (revision of ANSI/SCTE 194-1-2010)  
PINS Date: Mar 2, 2018 | Public Review Date: Oct 26, 2018 | Final Action Date: Jan 11, 2019 | [Approved](#)
- ▶ ANSI/SCTE 194-2-2018, DTS-HD AUDIO SYSTEM – Part 2: Constraints for Carriage over MPEG-2 Transport (revision of ANSI/SCTE 194-2-2014)  
PINS Date: Sep 7, 2018 | Public Review Date: Oct 26, 2018 | Final Action Date: Jan 11, 2019 | [Approved](#)
- ▶ ANSI/SCTE 195-2019, XFP-RF: Interface Specifications for an RF-Modulated Small Form Factor Pluggable Optical Module (revision of ANSI/SCTE 195-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Oct 4, 2019 | Final Action Date: Dec 17, 2019 | [Approved](#)

**SCTE (Society of Cable Telecommunications Engineers)**

- ▶ ANSI/SCTE 196-2019, SFP-RF: Interface Specifications for an RF-Modulated Small Form Factor Pluggable Optical Module (revision of ANSI/SCTE 196-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Oct 4, 2019 | Final Action Date: Dec 20, 2019 | [Approved](#)
- ▶ ANSI/SCTE 197-2018, Recommendations for Spot Check Loudness Measurements (revision of ANSI/SCTE 197-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Nov 5, 2018 | [Approved](#)
- ▶ ANSI/SCTE 199-2019, Interface Specifications for an RF-Modulated Small Form Factor Pluggable Optical Receiver Module (SFP-RF-USRx) (revision of ANSI/SCTE 199-2010)  
PINS Date: Mar 2, 2018 | Public Review Date: Oct 4, 2019 | Final Action Date: Dec 20, 2019 | [Approved](#)
- ▶ ANSI/SCTE 20-2017 (R2022), Methods for Carriage of CEA-608 Closed Captions And Non-Real Time Sampled Video (reaffirmation of ANSI/SCTE 20-2017)  
PINS Date: Mar 25, 2022 | Public Review Date: Apr 8, 2022 | Final Action Date: Jun 6, 2022 | [Approved](#)
- ▶ ANSI/SCTE 200-2016, Specification for a 75 ohm 'MMCX' Connector (MMCX-75), Male & Female Interface (new standard)  
PINS Date: Feb 8, 2013 | Public Review Date: Jun 3, 2016 | Final Action Date: Jul 22, 2016 | [Approved](#)
- ▶ ANSI/SCTE 201-2018, Open Media Security (OMS) Root Key Derivation Profiles and Test Vectors (revision of ANSI/SCTE 201-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Oct 31, 2018 | [Approved](#)
- ▶ ANSI/SCTE 203-2019, Product Environmental Requirements for Cable Telecommunications Facilities – Test Methods (revision of ANSI/SCTE 203-2014)  
PINS Date: Sep 7, 2018 | Public Review Date: Nov 1, 2019 | Final Action Date: Dec 20, 2019 | [Approved](#)
- ▶ ANSI/SCTE 21-2017 (R2022), Standard For Carriage Of VBI Data In Cable Digital Transport Streams (reaffirmation of ANSI/SCTE 21-2017)  
PINS Date: Mar 25, 2022 | Public Review Date: Apr 8, 2022 | Final Action Date: Jun 8, 2022 | [Approved](#)
- ▶ ANSI/SCTE 210-2020, Performance Metrics for Energy Efficiency & Functional Density of Cable Data Generation, Storage, Routing, and Transport Equipment (revision of ANSI/SCTE 210-2015)  
PINS Date: Nov 15, 2019 | Public Review Date: Jan 15, 2021 | Final Action Date: Mar 18, 2021 | [Approved](#)
- ▶ ANSI/SCTE 211-2020, Energy Metrics for Cable Operator Access Networks (revision of ANSI/SCTE 211-2015)  
PINS Date: Nov 15, 2019 | Public Review Date: Sep 4, 2020 | Final Action Date: Oct 26, 2020 | [Approved](#)
- ▶ ANSI/SCTE 212-2020, Cable Operator Energy Audit Framework and Establishment of Energy Baseline (revision of ANSI/SCTE 212-2015)  
PINS Date: Nov 15, 2019 | Public Review Date: Oct 16, 2020 | Final Action Date: Jan 4, 2021 | [Approved](#)
- ▶ ANSI/SCTE 213-2020, Edge and Core Facilities Energy Metrics (revision of ANSI/SCTE 213-2015)  
PINS Date: Nov 15, 2019 | Public Review Date: Sep 25, 2020 | Final Action Date: Nov 17, 2020 | [Approved](#)
- ▶ ANSI/SCTE 214-1-2022, MPEG DASH for IP-Based Cable Services Part 1: MPD Constraints and Extensions (revision of ANSI/SCTE 214-1-2016)  
PINS Date: Jan 15, 2021 | Public Review Date: May 20, 2022 | Final Action Date: Jul 11, 2022 | [Approved](#)
- ▶ ANSI/SCTE 214-2-2022, MPEG DASH for IP-Based Cable Services Part 2: DASH/TS Profile (revision of ANSI/SCTE 214-2-2016)  
PINS Date: Jan 15, 2021 | Public Review Date: May 20, 2022 | Final Action Date: Jul 11, 2022 | [Approved](#)
- ▶ ANSI/SCTE 214-3-2015, MPEG DASH for IP-Based Cable Services Part 3: DASH/FF Profile (new standard)  
PINS Date: Mar 20, 2015 | Public Review Date: Sep 4, 2015 | Final Action Date: Oct 28, 2015 | [Approved](#)

**SCTE (Society of Cable Telecommunications Engineers)**

- ▶ ANSI/SCTE 214-4-2018, MPEG DASH for IP-Based Cable Services Part 4: CIF (Common Interface Format) (new standard)  
PINS Date: May 25, 2018 | Public Review Date: Feb 1, 2019 | Final Action Date: Mar 22, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 215-1-1-2020b, HEVC Video Constraints for Cable TelevisionPart 1-1 HDR (revision of ANSI/SCTE 215-1-2020)  
PINS Date: Aug 7, 2020 | Public Review Date: Jan 15, 2021 | Final Action Date: Mar 19, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 215-1-2020, HEVC Video Constraints for Cable Television Part 1- Coding (revision of ANSI/SCTE 215-1-2018)  
PINS Date: Feb 14, 2020 | Public Review Date: Mar 20, 2020 | Final Action Date: May 7, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 215-2-2018, HEVC Video Constraints for Cable Television Part 2- Transport (revision of ANSI/SCTE 215-2-2015)  
PINS Date: Aug 24, 2018 | Public Review Date: Feb 1, 2019 | Final Action Date: Mar 22, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 216-2021, Adaptive Power System Interface Specification (APSIS™) (revision of ANSI/SCTE 216-2015)  
PINS Date: Nov 15, 2019 | Public Review Date: Dec 25, 2020 | Final Action Date: Nov 4, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 217-2017, MPEG DASH Reference Architecture for IP-based Cable Services (new standard)  
PINS Date: Mar 20, 2015 | Public Review Date: Mar 31, 2017 | Final Action Date: May 23, 2017 | [Approved](#)

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- ▶ ANSI/SCTE 220-1-2016, DOCSIS 3.1 Part 1: Physical Layer Specification (new standard)  
PINS Date: Aug 15, 2014 | Public Review Date: Jul 22, 2016 | Final Action Date: Sep 16, 2016 | [Approved](#)

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- ▶ ANSI/SCTE 220-1-2022, DOCSIS 3.1 Part 1: Physical Layer Specification (revision of ANSI/SCTE 220-1 2016)  
PINS Date: Feb 5, 2021 | Public Review Date: Mar 4, 2022 | Final Action Date: May 6, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 220-2-2022, DOCSIS 3.1 Part 2: Media Access Control (MAC) and Upper Layer Protocols Interface Specification (revision of ANSI/SCTE 220-2-2016)  
PINS Date: Feb 5, 2021 | Public Review Date: Mar 4, 2022 | Final Action Date: May 6, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 220-3-2022, DOCSIS 3.1 Part 3: Cable Modem Operations Support System Interface-Specification (revision of ANSI/SCTE 220-3-2016)  
PINS Date: Feb 5, 2021 | Public Review Date: May 27, 2022 | Final Action Date: Jul 12, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 220-4-2022, DOCSIS 3.1 Part 4: CCAP OSSI Specification (revision of ANSI/SCTE 220-4-2016)  
PINS Date: Feb 5, 2021 | Public Review Date: Mar 4, 2022 | Final Action Date: May 6, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 220-5-2022, DOCSIS 3.1 Part 5: Security Specification (revision of ANSI/SCTE 220-5-2016)  
PINS Date: Feb 5, 2021 | Public Review Date: Mar 4, 2022 | Final Action Date: May 6, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 223-2018, Adaptive Transport Stream (revision of ANSI/SCTE 223-2017)  
PINS Date: Nov 2, 2018 | Public Review Date: Feb 1, 2019 | Final Action Date: Mar 22, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 224-2021, Event Scheduling and Notification Interface (ESNI) (revision of ANSI/SCTE 224-2020)  
PINS Date: Apr 9, 2021 | Public Review Date: May 28, 2021 | Final Action Date: Jul 22, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 226-2015, Cable Facility Classification Definitions and Requirements (new standard)  
PINS Date: Oct 2, 2015 | Public Review Date: Dec 18, 2015 | Final Action Date: Feb 11, 2016 | [Approved](#)

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- ▶ ANSI/SCTE 23-1-2017 (R2022), DOCSIS 1.1 Part 1: Radio Frequency Interface (reaffirmation of ANSI/SCTE 23-1-2017)  
PINS Date: Mar 25, 2022 | Public Review Date: Jun 24, 2022 | Final Action Date: Sep 29, 2022 | [Approved](#)

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**SCTE (Society of Cable Telecommunications Engineers)**

- ▶ ANSI/SCTE 23-2-2017 (R2022), DOCSIS 1.1 Part 2: Baseline Privacy Plus Interface (reaffirmation of ANSI/SCTE 23-2-2017)

PINS Date: Apr 29, 2022 | Public Review Date: Jun 24, 2022 | Final Action Date: Sep 29, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 23-3-2017 (R2022), DOCSIS 1.1 Part 3: Operations Support System Interface (reaffirmation of ANSI/SCTE 23-3-2017)

PINS Date: Apr 29, 2022 | Public Review Date: Jun 24, 2022 | Final Action Date: Sep 29, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 230-2021, Recommended Practice for Proper Handling of Audio-Video Synchronization in Cable Systems (revision of ANSI/SCTE 230-2016)

PINS Date: Jul 9, 2021 | Public Review Date: Nov 19, 2021 | Final Action Date: Jan 18, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 231-2020, General Test Procedures for Evaluation of Energy Efficiency Metrics and in Support of Functional Density Metrics (revision of ANSI/SCTE 231-2016)

PINS Date: Oct 18, 2019 | Public Review Date: Nov 15, 2019 | Final Action Date: Jan 6, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 232-2020, Key Performance Metrics: Energy Efficiency & Functional Density of CMTS, CCAP, and Time Server Equipment (revision of ANSI/SCTE 232-2016)

PINS Date: Jun 7, 2019 | Public Review Date: Nov 15, 2019 | Final Action Date: Jan 6, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 233-2016 (R2021), Wavelength-Division Multiplex Small Form Factor Pluggable (PXFP-WDM) Optical Transmitter Module Interface Specification (reaffirmation of ANSI/SCTE 233-2016)

PINS Date: Jun 25, 2021 | Public Review Date: Jul 30, 2021 | Final Action Date: Oct 22, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 234-2016, Guidelines for Use of ISO 50001:2011 Energy Management Systems and Energy Metrics (new standard)

PINS Date: Aug 5, 2016 | Public Review Date: Oct 21, 2016 | Final Action Date: Dec 15, 2016 | [Approved](#)

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- ▶ ANSI/SCTE 236-2021, Content Metadata (revision of ANSI/SCTE 236-2017)

PINS Date: Oct 23, 2020 | Public Review Date: Jun 11, 2021 | Final Action Date: Aug 5, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 237-2017, Implementation Steps for Adaptive Power Systems Interface Specification (APSiS™) (new standard)

PINS Date: Jul 21, 2017 | Public Review Date: Aug 11, 2017 | Final Action Date: Oct 18, 2017 | [Approved](#)

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- ▶ ANSI/SCTE 24-1-2016 (R2022), IPCablecom 1.0 Part 1: Architecture Framework for the Delivery of Time-Critical Services over Cable Television Networks Using Cable Modems (reaffirmation of ANSI/SCTE 24-1-2016)

PINS Date: Feb 5, 2021 | Public Review Date: Feb 4, 2022 | Final Action Date: Apr 12, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 24-10-2016 (R2022), IPCablecom 1.0 Part 10: Security Specification (reaffirmation of ANSI/SCTE 24-10-2016)

PINS Date: Feb 5, 2021 | Public Review Date: Feb 4, 2022 | Final Action Date: Apr 12, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 24-11-2016 (R2022), IPCablecom 1.0 Part 11: Internet Signaling Transport Protocol (ISTP) (reaffirmation of ANSI/SCTE 24-11-2016)

PINS Date: Feb 5, 2021 | Public Review Date: Feb 4, 2022 | Final Action Date: Apr 12, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 24-12-2016 (R2022), IPCablecom 1.0 Part 12: Trunking Gateway Control Protocol (TGCP) (reaffirmation of ANSI/SCTE 24-12-2016)

PINS Date: Feb 5, 2021 | Public Review Date: Feb 4, 2022 | Final Action Date: Apr 12, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 24-2-2016 (R2022), IPCablecom 1.0 Part 2: Audio Codec Requirements for the Provision of Bi-directional Audio Service over Cable Television Networks Using Cable Modems (reaffirmation of ANSI/SCTE 24-2-2016)

PINS Date: Feb 5, 2021 | Public Review Date: Feb 4, 2022 | Final Action Date: Apr 12, 2022 | [Approved](#)

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**SCTE (Society of Cable Telecommunications Engineers)**

- ▶ ANSI/SCTE 24-21-2017 (R2022), BV16 Speech Codec Specification for Voice over IP Applications in Cable Telephony (reaffirmation of ANSI/SCTE 24-21-2017)  
PINS Date: Mar 25, 2022 | Public Review Date: Sep 2, 2022 | Final Action Date: Dec 1, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 24-22-2018, iLBCv2.0 Speech Codec Specification for Voice over IP Applications in Cable Telephony (revision of ANSI/SCTE 24-22-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Oct 30, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 24-23-2017, BV32 Speech Codec Specification for Voice over IP Applications in Cable Telephony (revision of ANSI/SCTE 24-23-2012)  
PINS Date: May 19, 2017 | Public Review Date: Aug 11, 2017 | Final Action Date: Oct 18, 2017 | [Approved](#)

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- ▶ ANSI/SCTE 24-3-2016 (R2022), IPCablecom 1.0 Part 3: Network Call Signaling Protocol for the Delivery of Time-Critical Services over Cable Television Using Data Modems (reaffirmation of ANSI/SCTE 24-3-2016)  
PINS Date: Feb 5, 2021 | Public Review Date: Feb 4, 2022 | Final Action Date: Apr 12, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 24-4-2016 (R2022), IPCablecom 1.0 Part 4: Dynamic Quality of Service for the Provision of Real-Time Services over Cable Television Networks Using Data Modems (reaffirmation of ANSI/SCTE 24-4-2016)  
PINS Date: Feb 5, 2021 | Public Review Date: Feb 4, 2022 | Final Action Date: Apr 12, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 24-5-2016 (R2022), IPCablecom 1.0 Part 5: Media Terminal Adapter (MTA) Device Provisioning Requirements for the Delivery of Real-Time Services over Cable Television Using Cable Modems (reaffirmation of ANSI/SCTE 24-5-2016)  
PINS Date: Feb 5, 2021 | Public Review Date: Feb 4, 2022 | Final Action Date: Apr 12, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 24-6-2016 (R2022), IPCablecom 1.0 Part 6: Management Information Base (MIB) Framework (reaffirmation of ANSI/SCTE 24-6-2016)  
PINS Date: Feb 5, 2021 | Public Review Date: Feb 4, 2022 | Final Action Date: Apr 12, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 24-7-2016 (R2022), IPCablecom 1.0 Part 7: Media Terminal Adapter (MTA) Management Information Base (MIB) Requirements (reaffirmation of ANSI/SCTE 24-7-2016)  
PINS Date: Feb 5, 2021 | Public Review Date: Feb 4, 2022 | Final Action Date: Apr 12, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 24-8-2016 (R2022), IPCablecom 1.0 Part 8: Signaling Management Information Base (MIB) Requirements (reaffirmation of ANSI/SCTE 24-8-2016)  
PINS Date: Feb 5, 2021 | Public Review Date: Feb 4, 2022 | Final Action Date: Apr 12, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 24-9-2016 (R2022), IPCablecom 1.0 Part 9: Event Message Requirements (reaffirmation of ANSI/SCTE 24-9-2016)  
PINS Date: Feb 5, 2021 | Public Review Date: Feb 4, 2022 | Final Action Date: Apr 12, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 240-2017 (R2022), SCTE Test Procedures for Testing CWDM Systems in Cable Telecommunications Access Networks (reaffirmation of ANSI/SCTE 240-2017)  
PINS Date: Jan 28, 2022 | Public Review Date: Mar 11, 2022 | Final Action Date: May 6, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 241-2022, Key Performance Metrics: Energy Efficiency & Functional Density of Wi-Fi Infrastructure Equipment (revision of ANSI/SCTE 241-2017)  
PINS Date: May 20, 2022 | Public Review Date: Oct 14, 2022 | Final Action Date: Dec 15, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 242-1-2022, Next Generation Audio Coding Constraints for Cable Systems: Part 1 - Introduction and Common Constraints (revision of ANSI/SCTE 242-1-2017)  
PINS Date: Jan 28, 2022 | Public Review Date: Nov 18, 2022 | Final Action Date: Jan 5, 2023 | [Approved](#)

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- ▶ ANSI/SCTE 242-2-2022, Next Generation Audio Coding Constraints for Cable Systems: Part 2 - AC-4 Audio Coding Constraints (revision of ANSI/SCTE 242-2-2017)  
PINS Date: Jan 28, 2022 | Public Review Date: Nov 18, 2022 | Final Action Date: Jan 5, 2023 | [Approved](#)

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**SCTE (Society of Cable Telecommunications Engineers)**

- ▶ ANSI/SCTE 242-3-2022, Next Generation Audio Coding Constraints for Cable Systems: Part 3 - MPEG-H Audio Coding Constraints (revision of ANSI/SCTE 242-3-2017)  
PINS Date: Jan 28, 2022 | Public Review Date: Nov 18, 2022 | Final Action Date: Jan 5, 2023 | [Approved](#)

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- ▶ ANSI/SCTE 242-4-2022, Next Generation Audio Coding Constraints for Cable Systems: Part 4 - DTS-UHD Audio Coding Constraints (revision of ANSI/SCTE 242-4-2018)  
PINS Date: Jul 22, 2022 | Public Review Date: Nov 18, 2022 | Final Action Date: Jan 5, 2023 | [Approved](#)

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- ▶ ANSI/SCTE 243-1-2022, Next Generation Audio Carriage Constraints for Cable Systems: Part 1 - Common Transport Signaling (revision of ANSI/SCTE 243-1-2017)  
PINS Date: Jan 28, 2022 | Public Review Date: Nov 18, 2022 | Final Action Date: Jan 9, 2023 | [Approved](#)

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- ▶ ANSI/SCTE 243-2-2022, Next Generation Audio Carriage Constraints for Cable Systems: Part 2 - AC-4 Audio Carriage Constraints (revision of ANSI/SCTE 243-2-2017)  
PINS Date: Jan 28, 2022 | Public Review Date: Nov 18, 2022 | Final Action Date: Jan 9, 2023 | [Approved](#)

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- ▶ ANSI/SCTE 243-3-2022, Next Generation Audio Carriage Constraints for Cable Systems: Part 3 - MPEG-H Audio Carriage Constraints (revision of ANSI/SCTE 243-3-2017)  
PINS Date: Jan 28, 2022 | Public Review Date: Nov 18, 2022 | Final Action Date: Jan 9, 2023 | [Approved](#)

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- ▶ ANSI/SCTE 243-4-2022, Next Generation Audio Carriage for Cable Systems: Part 4 - DTS-UHD Audio Carriage Constraints (revision of ANSI/SCTE 243-4-2018)  
PINS Date: Jul 22, 2022 | Public Review Date: Nov 18, 2022 | Final Action Date: Jan 9, 2023 | [Approved](#)

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- ▶ ANSI/SCTE 244-2018, Specification for Braided 75 , Micro-Series Quad Shield Coaxial Cable for Connectivity and Dense CCAP/Edge QAM Applications (new standard)  
PINS Date: Jan 17, 2014 | Public Review Date: Mar 2, 2018 | Final Action Date: May 22, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 249-2018, Test Method Common Mode Disturbance (new standard)  
PINS Date: Dec 15, 2017 | Public Review Date: Aug 31, 2018 | Final Action Date: Oct 25, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 25-1-2017 (R2022), Hybrid Fiber Coax Outside Plant Status Monitoring - Physical (PHY) Layer Specification v1.0 (reaffirmation of ANSI/SCTE 25-1-2017)  
PINS Date: Jan 28, 2022 | Public Review Date: Mar 4, 2022 | Final Action Date: May 6, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 25-2-2017 (R2022), Hybrid Fiber Coax Outside Plant Status Monitoring - Media Access Control (MAC) Layer Specification v1.0 (reaffirmation of ANSI/SCTE 25-2-2017)  
PINS Date: Jan 28, 2022 | Public Review Date: Mar 4, 2022 | Final Action Date: May 6, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 25-3-2017 (R2022), Hybrid Fiber Coax Outside Plant Status Monitoring – Power Supply to Transponder Interface Bus (PSTIB) Specification v1.1 (reaffirmation of ANSI/SCTE 25-3-2017)  
PINS Date: Jan 28, 2022 | Public Review Date: Mar 25, 2022 | Final Action Date: Jun 8, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 250-2022, Real-time Event Signaling and Management API (revision of ANSI/SCTE 250-2020)  
PINS Date: Jan 29, 2021 | Public Review Date: Sep 2, 2022 | Final Action Date: Nov 21, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 251-2018, Test Procedure for Determining the Thermal Oxidative Stability of Foamed Polyethylene (new standard)  
PINS Date: Apr 17, 2015 | Public Review Date: Nov 16, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 252-2018, Attenuation of Common Mode Filters (new standard)  
PINS Date: Nov 2, 2018 | Public Review Date: Dec 7, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 254-2019, Content Encoding Profiles 3.0 Specification (Closed Specification) (new standard)  
PINS Date: Aug 31, 2018 | Public Review Date: Feb 15, 2019 | Final Action Date: Apr 10, 2019 | [Approved](#)

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**SCTE (Society of Cable Telecommunications Engineers)**

- ▶ ANSI/SCTE 259-01-2020, Enterprise SIP Gateway Specification (new standard)  
PINS Date: Jul 10, 2020 | Public Review Date: Aug 21, 2020 | Final Action Date: Oct 26, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 259-02-2020, PacketCable High Definition Voice Specification (new standard)  
PINS Date: Jul 10, 2020 | Public Review Date: Aug 21, 2020 | Final Action Date: Oct 26, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 259-03-2020, HDV NCS Specification (new standard)  
PINS Date: Jul 10, 2020 | Public Review Date: Aug 21, 2020 | Final Action Date: Oct 26, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 259-04-2020, HDV Provisioning Specification (new standard)  
PINS Date: Jul 10, 2020 | Public Review Date: Aug 21, 2020 | Final Action Date: Oct 26, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 259-05-2020, HDV SIP Specification (new standard)  
PINS Date: Jul 10, 2020 | Public Review Date: Aug 21, 2020 | Final Action Date: Oct 26, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 26-2017 (R2021), Home Digital Network Interface Specification with Copy Protection (reaffirmation of ANSI/SCTE 26-2017)  
Public Review Date: Dec 3, 2021 | Final Action Date: Feb 7, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 260-1-2020, DPoE Architecture Specification (new standard)  
PINS Date: Sep 11, 2020 | Public Review Date: Dec 4, 2020 | Final Action Date: Jan 25, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 260-2-2020, DPoE IP Network Element Requirements (new standard)  
PINS Date: Sep 11, 2020 | Public Review Date: Dec 4, 2020 | Final Action Date: Jan 25, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 260-3-2020, DPoE Metro Ethernet Forum Specification (new standard)  
PINS Date: Sep 11, 2020 | Public Review Date: Dec 4, 2020 | Final Action Date: Jan 28, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 260-4-2020, DPoE MAC and Upper Layer Protocols Interface (new standard)  
PINS Date: Sep 11, 2020 | Public Review Date: Dec 4, 2020 | Final Action Date: Jan 28, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 260-5-2020, DPoE OAM Extensions Specification (new standard)  
PINS Date: Sep 11, 2020 | Public Review Date: Dec 4, 2020 | Final Action Date: Jan 28, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 260-6-2020, DPoE Operations and Support System Interface Specification (new standard)  
PINS Date: Sep 11, 2020 | Public Review Date: Dec 4, 2020 | Final Action Date: Jan 28, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 260-7-2020, DPoE Physical Layer Specification (new standard)  
PINS Date: Sep 11, 2020 | Public Review Date: Dec 4, 2020 | Final Action Date: Jan 28, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 260-8-2020, DPoE Security and Certification Specification (new standard)  
PINS Date: Sep 11, 2020 | Public Review Date: Dec 4, 2020 | Final Action Date: Feb 1, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 262-1-2020, DOCSIS 4.0 Part 1: Physical Layer Specification (new standard)  
PINS Date: Sep 18, 2020 | Public Review Date: Oct 23, 2020 | Final Action Date: May 5, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 262-2-2020, DOCSIS 4.0 Part 2: MAC and Upper Layer Protocols Interface Specification (new standard)  
PINS Date: Sep 18, 2020 | Public Review Date: Oct 23, 2020 | Final Action Date: May 5, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 262-3-2020, DOCSIS 4.0 Part 3: Cable Modem Operations Support System Interface Specification (new standard)  
PINS Date: Sep 18, 2020 | Public Review Date: Oct 23, 2020 | Final Action Date: May 5, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 262-4-2020, DOCSIS 4.0 Part 4: CCAP™ Operations Support System Interface Specification (new standard)  
PINS Date: Sep 18, 2020 | Public Review Date: Oct 23, 2020 | Final Action Date: May 5, 2022 | [Approved](#)

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**SCTE (Society of Cable Telecommunications Engineers)**

- ▶ ANSI/SCTE 262-5-2020, DOCSIS 4.0 Part 5: Security Specification (new standard)  
PINS Date: Sep 18, 2020 | Public Review Date: Oct 23, 2020 | Final Action Date: May 5, 2022 | [Approved](#)
- ▶ ANSI/SCTE 264-2021, Broadband Radio Frequency Hardline Taps for Cable Systems (new standard)  
PINS Date: Oct 30, 2020 | Public Review Date: Apr 30, 2021 | Final Action Date: Jul 22, 2021 | [Approved](#)
- ▶ ANSI/SCTE 265-2021, Broadband Radio Frequency Hardline Passives for Cable Systems (new standard)  
PINS Date: Dec 11, 2020 | Public Review Date: Oct 29, 2021 | Final Action Date: Jan 14, 2022 | [Approved](#)
- ▶ ANSI/SCTE 267-2021, Optimum Load Shaping for Electric Vehicle and Battery Charging (new standard)  
PINS Date: Oct 16, 2020 | Public Review Date: Apr 16, 2021 | Final Action Date: Jun 18, 2021 | [Approved](#)
- ▶ ANSI/SCTE 269-2021, Test Procedure for F Port Center Conductor Retention Force (new standard)  
PINS Date: Apr 18, 2008 | Public Review Date: Apr 30, 2021 | Final Action Date: Jul 22, 2021 | [Approved](#)
- ▶ ANSI/SCTE 27-2016 (R2021), Subtitling Methods for Broadcast Cable (reaffirmation of ANSI/SCTE 27-2016)  
PINS Date: Jan 15, 2021 | Public Review Date: Jul 30, 2021 | Final Action Date: Oct 22, 2021 | [Approved](#)
- ▶ ANSI/SCTE 271-2021, Requirements for Power Sensing in Cable and Utility Networks (new standard)  
PINS Date: Jan 29, 2021 | Public Review Date: Aug 20, 2021 | Final Action Date: Oct 25, 2021 | [Approved](#)
- ▶ ANSI/SCTE 272-2021, Standardized Loading for Reverse-Path Bit Error Ratio Testing (new standard)  
PINS Date: Jul 8, 2011 | Public Review Date: Sep 10, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)
- ▶ ANSI/SCTE 273-1-2021, Generic Access Platform Enclosure Specification (new standard)  
PINS Date: Mar 16, 2018 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)
- ▶ ANSI/SCTE 273-2-2021, Generic Access Platform (GAP) Modules Specification (new standard)  
PINS Date: Mar 16, 2018 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)
- ▶ ANSI/SCTE 275-2021, Electrical Grounding and Bonding for Cable Broadband Network Critical Facilities (new standard)  
PINS Date: Sep 24, 2021 | Public Review Date: Jan 28, 2022 | Final Action Date: Mar 18, 2022 | [Approved](#)
- ▶ ANSI/SCTE 277-2022, Linear Contribution Encoding Specification (new standard)  
PINS Date: Dec 31, 2021 | Public Review Date: Apr 29, 2022 | Final Action Date: Jun 22, 2022 | [Approved](#)
- ▶ ANSI/SCTE 278-2022, Standard Data Fields for Outside Plant Power (new standard)  
PINS Date: Apr 29, 2022 | Public Review Date: Jun 10, 2022 | Final Action Date: Aug 1, 2022 | [Approved](#)
- ▶ ANSI/SCTE 279-2022, 1.8 GHz Broadband Radio Frequency Hardline Amplifiers for Cable Systems (new standard)  
PINS Date: Jul 23, 2021 | Public Review Date: Aug 12, 2022 | Final Action Date: Oct 13, 2022 | [Approved](#)
- ▶ ANSI/SCTE 28-2017 (R2022), HOST-POD Interface Standard (reaffirmation of ANSI/SCTE 28-2017)  
PINS Date: Apr 22, 2022 | Public Review Date: Jul 29, 2022 | Final Action Date: Sep 29, 2022 | [Approved](#)
- ▶ ANSI/SCTE 29-2018, Torque Requirements for Bond Wire Penetration of Bonding Set Screw (revision of ANSI/SCTE 29-2012)  
PINS Date: Dec 2, 2016 | Public Review Date: Nov 23, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)
- ▶ ANSI/SCTE 30-2021, Digital Program Insertion Splicing API (revision of ANSI/SCTE 30-2017)  
PINS Date: Jan 15, 2021 | Public Review Date: Nov 19, 2021 | Final Action Date: Jan 18, 2022 | [Approved](#)
- ▶ ANSI/SCTE 31-2016, Test Method for Measuring Diameter Over Core (revision of ANSI/SCTE 31-2008)  
PINS Date: Dec 30, 2011 | Public Review Date: Nov 4, 2016 | Final Action Date: Dec 27, 2016 | [Approved](#)

**SCTE (Society of Cable Telecommunications Engineers)**

- ▶ ANSI/SCTE 32-2016 (R2021), Ampacity of Coaxial Telecommunications Cables (reaffirmation of ANSI/SCTE 32-2016)  
PINS Date: Jan 15, 2021 | Public Review Date: Nov 19, 2021 | Final Action Date: Jan 18, 2022 | [Approved](#)
- ▶ ANSI/SCTE 33-2016, Test Method for Diameter of Drop Cable (revision of ANSI/SCTE 33-2010)  
PINS Date: Apr 17, 2015 | Public Review Date: Nov 4, 2016 | Final Action Date: Dec 27, 2016 | [Approved](#)
- ▶ ANSI/SCTE 34-2016 (R2021), Test Method for Cored Depth Verification (reaffirmation of ANSI/SCTE 34-2016)  
PINS Date: Mar 26, 2021 | Public Review Date: Nov 19, 2021 | Final Action Date: Jan 18, 2022 | [Approved](#)
- ▶ ANSI/SCTE 35-2019a, Digital Program Insertion Cueing Message for Cable (revision of ANSI/SCTE 35-2019)  
PINS Date: Oct 11, 2019 | Public Review Date: Jan 3, 2020 | Final Action Date: Feb 24, 2020 | [Approved](#)
- ▶ ANSI/SCTE 35-2022, Digital Program Insertion Cueing Message (revision of ANSI/SCTE 35-2020)  
Public Review Date: May 20, 2022 | Final Action Date: Jul 11, 2022 | [Approved](#)
- ▶ ANSI/SCTE 36-2018, SCTE-ROOT Management Information Base (MIB) Definitions (revision of ANSI/SCTE 36-2012)  
PINS Date: May 4, 2018 | Public Review Date: Jun 8, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)
- ▶ ANSI/SCTE 37-2017 (R2021), Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-ROOTSMManagement Information Base (MIB) Definition (reaffirmation of ANSI/SCTE 37-2017)  
PINS Date: Feb 5, 2021 | Public Review Date: Aug 20, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)
- ▶ ANSI/SCTE 38-1-2017 (R2022), Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-PROPERTY-MIBManagement Information Base (MIB) Definition (reaffirmation of ANSI/SCTE 38-1-2017)  
Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)
- ▶ ANSI/SCTE 38-10-2017 (R2022), Outside Plant Status Monitoring SCTE-HMS-RF-AMPLIFIER-MIB Management Information Base (MIB) Definition (reaffirmation of ANSI/SCTE 38-10-2017)  
Public Review Date: Sep 2, 2022 | Final Action Date: Dec 5, 2022 | [Approved](#)
- ▶ ANSI/SCTE 38-11-2017 (R2022), HMS Headend Management Information Base (MIB) SCTE-HMS-HEADENDIDENT-MIB (reaffirmation of ANSI/SCTE 38-11-2017)  
Public Review Date: Sep 2, 2022 | Final Action Date: Dec 5, 2022 | [Approved](#)
- ▶ ANSI/SCTE 38-2-2017 (R2022), Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-ALARMS-MIB Management Information Base (MIB) Definition (reaffirmation of ANSI/SCTE 38-2-2017)  
Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)
- ▶ ANSI/SCTE 38-3-2017 (R2022), Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-COMMON-MIBManagement Information Base (MIB) Definition (reaffirmation of ANSI/SCTE 38-3-2017)  
Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)
- ▶ ANSI/SCTE 38-4-2017 (R2022), Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-PS-MIBManagement Information Base (MIB) Definition (reaffirmation of ANSI/SCTE 38-4-2017)  
Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)
- ▶ ANSI/SCTE 38-5-2017, Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-FIBERNODE-MIB Management Information Base (MIB) Definition (revision of ANSI/SCTE 38-5-2008)  
PINS Date: Feb 15, 2013 | Public Review Date: Dec 22, 2017 | Final Action Date: Feb 28, 2018 | [Approved](#)
- ▶ ANSI/SCTE 38-6-2017 (R2022), Hybrid Fiber/Coax Outside Plant Status Monitoring - SCTE-HMS-GEN-MIB HMS Management Information Base (MIB) Definition (reaffirmation of ANSI/SCTE 38-6-2017)  
Public Review Date: Sep 2, 2022 | Final Action Date: Dec 1, 2022 | [Approved](#)
- ▶ ANSI/SCTE 38-7-2017 (R2022), Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-Transponder-Interface-Bus (TIB)-MIB Management Information Base (MIB) Definition (reaffirmation of ANSI/SCTE 38-7-2017)  
Public Review Date: Sep 2, 2022 | Final Action Date: Dec 5, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 38-8-2017 (R2022), Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-DOWNLOAD-MIB Management Information Base (MIB) Definition (reaffirmation of ANSI/SCTE 38-8-2017)  
Public Review Date: Sep 2, 2022 | Final Action Date: Dec 8, 2022 | [Approved](#)
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- ▶ ANSI/SCTE 39-2013 (R2021), Test Method for Static Minimum Bending Radius for Coaxial Trunk, Feeder, and Distribution Cables (reaffirmation of ANSI/SCTE 39-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Nov 19, 2021 | Final Action Date: Jan 18, 2022 | [Approved](#)
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- ▶ ANSI/SCTE 40-2016 (R2021), Digital Cable Network Interface Standard (reaffirmation of ANSI/SCTE 40-2016)  
PINS Date: Jan 15, 2021 | Public Review Date: Jul 30, 2021 | Final Action Date: Oct 22, 2021 | [Approved](#)
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- ▶ ANSI/SCTE 41-2016 (R2021), POD Copy Protection System (reaffirmation of ANSI/SCTE 41-2016)  
PINS Date: Jan 15, 2021 | Public Review Date: Sep 3, 2021 | Final Action Date: Oct 25, 2021 | [Approved](#)
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- ▶ ANSI/SCTE 42-2019, IP Multicast for Digital MPEG Networks (new standard)  
PINS Date: Jul 19, 2019 | Public Review Date: Sep 6, 2019 | Final Action Date: Oct 28, 2019 | [Approved](#)
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- ▶ ANSI/SCTE 43-2015 (R2021), Digital Video Systems Characteristics Standard for Cable Television (reaffirmation of ANSI/SCTE 43-2015)  
PINS Date: Jan 15, 2021 | Public Review Date: Sep 3, 2021 | Final Action Date: Oct 25, 2021 | [Approved](#)
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- ▶ ANSI/SCTE 44-2018, Test Method for DC Loop Resistance (revision of ANSI/SCTE 44-2010)  
PINS Date: Apr 17, 2015 | Public Review Date: Jul 27, 2018 | Final Action Date: Oct 18, 2018 | [Approved](#)
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- ▶ ANSI/SCTE 45-2022, Test Method for Group Delay (revision of ANSI/SCTE 45-2017)  
PINS Date: Jan 28, 2022 | Public Review Date: Jul 29, 2022 | Final Action Date: Sep 29, 2022 | [Approved](#)
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- ▶ ANSI/SCTE 46-2014 (R2021), Test Method for AC to DC Outdoor Power Supplies (reaffirmation of ANSI/SCTE 46-2014)  
PINS Date: Feb 26, 2021 | Public Review Date: Jun 11, 2021 | Final Action Date: Aug 5, 2021 | [Approved](#)
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- ▶ ANSI/SCTE 47-2022, Test Method for Coaxial Cable Attenuation (new standard)  
PINS Date: Dec 30, 2011 | Public Review Date: Nov 4, 2022 | Final Action Date: Jan 3, 2023 | [Approved](#)
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- ▶ ANSI/SCTE 48-1-2021, Test Method for Measuring Shielding Effectiveness of Passive and Active Devices Using a GTEM Cell (revision of ANSI/SCTE 48-1-2015)  
PINS Date: Aug 16, 2019 | Public Review Date: Oct 29, 2021 | Final Action Date: Jan 14, 2022 | [Approved](#)
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- ▶ ANSI/SCTE 48-3-2022, Test Procedure for Measuring Shielding Effectiveness of Coaxial Cable and Connectors Using the GTEM Cell (revision of ANSI/SCTE 48-3-2018)  
PINS Date: Jan 28, 2022 | Public Review Date: May 13, 2022 | Final Action Date: Jul 12, 2022 | [Approved](#)
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- ▶ ANSI/SCTE 49-2011 (R2021), Test Method for Velocity of Propagation (reaffirmation of ANSI/SCTE 49-2011)  
PINS Date: Dec 25, 2015 | Public Review Date: Nov 19, 2021 | Final Action Date: Jan 18, 2022 | [Approved](#)
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- ▶ ANSI/SCTE 51-2018, Method for Determining Drop Cable Braid Coverage (revision of ANSI/SCTE 51-2012)  
PINS Date: Dec 9, 2016 | Public Review Date: May 25, 2018 | Final Action Date: Feb 1, 2019 | [Approved](#)
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- ▶ ANSI/SCTE 52-2018, Data Encryption Standard – Cipher Block Chaining Packet Encryption Specification (revision of ANSI/SCTE 52-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Sep 7, 2018 | Final Action Date: Oct 30, 2018 | [Approved](#)
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- ▶ ANSI/SCTE 53-2019, Methods for Asynchronous Data Services Transport (new standard)  
PINS Date: Jul 19, 2019 | Public Review Date: Sep 6, 2019 | Final Action Date: Oct 28, 2019 | [Approved](#)
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- ▶ ANSI/SCTE 54-2020, Digital Video Service Multiplex and Transport System Standard for Cable Television (revision of ANSI/SCTE 54-2015)  
PINS Date: Nov 15, 2019 | Public Review Date: Aug 21, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ ANSI/SCTE 55-1-2019, Digital Broadband Delivery System: Out of Band Transport Part 1: Mode A (new standard)  
PINS Date: Jul 19, 2019 | Public Review Date: Sep 6, 2019 | Final Action Date: Oct 28, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 55-2-2019, Digital Broadband Delivery System: Out of Band Transport Part 2: Mode B (new standard)  
PINS Date: Jul 19, 2019 | Public Review Date: Sep 6, 2019 | Final Action Date: Oct 28, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 56-2016 (R2021), Digital Multiprogram Distribution by Satellite (reaffirmation of ANSI/SCTE 56-2016)  
PINS Date: Jan 15, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Jan 7, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 57-2016 (R2021), System Information for Satellite Distribution of Digital Television for Cable and MMDS (reaffirmation of ANSI/SCTE 57-2016)  
PINS Date: Jan 15, 2021 | Public Review Date: Sep 3, 2021 | Final Action Date: Oct 25, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 58-2017 (R2022), AM Cross Modulation Measurements (reaffirmation of ANSI/SCTE 58-2017)  
PINS Date: Jun 3, 2022 | Public Review Date: Jul 22, 2022 | Final Action Date: Sep 29, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 59-2018, Test Method for Drop Cable Center Conductor Bond to Dielectric (revision of ANSI/SCTE 59-2012)  
PINS Date: Dec 9, 2016 | Public Review Date: May 25, 2018 | Final Action Date: Feb 1, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 60-2015 (R2021), Test Method for Interface Moisture Migration Double Ended (reaffirmation of ANSI/SCTE 60-2015)  
PINS Date: Mar 26, 2021 | Public Review Date: Nov 19, 2021 | Final Action Date: Jan 18, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 61-2018, Test Method for Jacket Web Separation (revision of ANSI/SCTE 61-2012)  
PINS Date: Dec 9, 2016 | Public Review Date: May 25, 2018 | Final Action Date: Feb 1, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 62-2018, Measurement Procedure for Noise Figure (revision of ANSI/SCTE 62-2012)  
PINS Date: Dec 9, 2016 | Public Review Date: Jun 15, 2018 | Final Action Date: Aug 31, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 63-2021, Test Method for Voltage / Spark Test of Outer Jacket (revision of ANSI/SCTE 63-2015)  
PINS Date: Jan 15, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Jan 14, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 65-2016 (R2021), Service Information Delivered Out-Of-Band For Digital Cable Television (reaffirmation of ANSI/SCTE 65-2016)  
PINS Date: Jan 15, 2021 | Public Review Date: Nov 5, 2021 | Final Action Date: Jan 14, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 66-2022, Test Method For Coaxial Cable Impedance (revision of ANSI/SCTE 66-2016)  
PINS Date: Jan 15, 2021 | Public Review Date: Jul 29, 2022 | Final Action Date: Sep 29, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 67-2017, Recommended Practice for Digital Program Insertion for Cable (revision of ANSI/SCTE 67-2014)  
PINS Date: Oct 21, 2016 | Public Review Date: Aug 4, 2017 | Final Action Date: Jun 15, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 68-2018, Drop Passives: Matching Transformers 75 Ohm to 300 Ohm (revision of ANSI/SCTE 68-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: May 25, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 71-2018, Specification for Series 15, Braided, 75 , Coaxial, Mulit-Purpose Cable (revision of ANSI/SCTE 71 2008)  
PINS Date: Feb 15, 2013 | Public Review Date: Sep 7, 2018 | Final Action Date: Oct 31, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 73-2018, Test Method for Insertion Force of Connector to Drop Cable Interface (revision of ANSI/SCTE 73-2012)  
PINS Date: Dec 9, 2016 | Public Review Date: Mar 23, 2018 | Final Action Date: May 22, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 74-2011, Specification for Braided 75 Ohm Flexible RF Coaxial Drop Cable (revision of ANSI/SCTE 74-2003)  
PINS Date: Oct 14, 2005 | Public Review Date: May 6, 2011 | Final Action Date: Jun 28, 2011 | [Approved](#)

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- ▶ ANSI/SCTE 75-2012, Test Point Accuracy (revision of ANSI/SCTE 75-2002 (R2007))  
PINS Date: Dec 30, 2011 | Public Review Date: May 11, 2012 | Final Action Date: Jul 3, 2012 | [Approved](#)

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- ▶ ANSI/SCTE 77-2017, Specifications for Underground Enclosure Integrity (revision of ANSI/SCTE 77-2013)  
PINS Date: May 1, 2015 | Public Review Date: Nov 10, 2017 | Final Action Date: Jan 17, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 78-2021, Test Method for Transfer Impedance (revision of ANSI/SCTE 78-2017)  
PINS Date: Feb 26, 2021 | Public Review Date: May 14, 2021 | Final Action Date: Jul 22, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 79-1-2016 (R2021), DOCSIS 2.0 Part 1: Radio Frequency Interface (reaffirmation of ANSI/SCTE 79-1-2016)  
PINS Date: Feb 5, 2021 | Public Review Date: Jul 23, 2021 | Final Action Date: Sep 9, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 79-2-2016 (R2021), DOCSIS 2.0 Part 2: Operations Support System Interface (reaffirmation of ANSI/SCTE 79-2-2016)  
PINS Date: Feb 5, 2021 | Public Review Date: Jul 9, 2021 | Final Action Date: Sep 9, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 79-3-2017 (R2021), DOCSIS 2.0 + IPv6 Cable Modem Standard (reaffirmation of ANSI/SCTE 79-3-2017)  
PINS Date: Feb 5, 2021 | Public Review Date: Jul 9, 2021 | Final Action Date: Sep 9, 2021 | [Approved](#)

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- ▶ ANSI/SCTE 81-2018, Surge Withstand Test Procedure (revision of ANSI/SCTE 81-2012)  
PINS Date: Dec 9, 2016 | Public Review Date: Dec 14, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)

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- ▶ ANSI/SCTE 82-2012 (R2022), Test Method for Low Frequency and Spurious Disturbances (reaffirmation of ANSI/SCTE 82-2012)  
PINS Date: Dec 17, 2021 | Public Review Date: Feb 25, 2022 | Final Action Date: May 6, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 83-1-2017, HMS Inside Plant Management Information Base (MIB) Part 1: SCTE-HMS-HE-OPTICS-MIB (revision of ANSI/SCTE 83-1-2012)  
PINS Date: Jul 14, 2017 | Public Review Date: Sep 8, 2017 | Final Action Date: Mar 1, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 83-3-2017, Hybrid Fiber/Coax Inside Plant Status Monitoring SCTE-HMS-HMTS-MIB Management Information Base (MIB) Definition (revision of ANSI/SCTE 83-3-2009)  
PINS Date: Apr 24, 2015 | Public Review Date: Sep 8, 2017 | Final Action Date: Mar 1, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 83-4-2017, HMS Common Inside Plant Management Information Base (MIB) SCTE-HMS-HE\_RF-MIB (revision of ANSI/SCTE 83-4-2009)  
PINS Date: Apr 24, 2015 | Public Review Date: Sep 8, 2017 | Final Action Date: Mar 1, 2018 | [Approved](#)

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- ▶ ANSI/SCTE 84-1-2017 (R2022), HMS Common Inside Plant Management Information Base (MIB) - Part 1: SCTE-HMS-HE-COMMON-MIB (reaffirmation of ANSI/SCTE 84-1-2017)  
Public Review Date: Aug 26, 2022 | Final Action Date: Nov 14, 2022 | [Approved](#)

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- ▶ ANSI/SCTE 84-2-2017 (R2022), HMS Inside Plant Management Information Base (MIB) SCTE-HMS-HE-OPTICAL-TRANSMITTER-MIB (reaffirmation of ANSI/SCTE 84-2-2017)  
Public Review Date: Nov 25, 2022 | Final Action Date: Jan 10, 2023 | [Approved](#)

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- ▶ ANSI/SCTE 84-3-2017 (R2022), HMS Inside Plant Management Information Base (MIB) - Part 3: SCTE-HMS-HE-FAN-MIB (reaffirmation of ANSI/SCTE 84-3-2017)  
Public Review Date: Aug 26, 2022 | Final Action Date: Nov 14, 2022 | [Approved](#)
- ▶ ANSI/SCTE 85-1-2017 (R2022), HMS HE Optics Management Information Base (MIB) Part 1: SCTE-HMS-HE-OPTICAL-TRANSMITTER-MIB (reaffirmation of ANSI/SCTE 85-1-2017)  
Public Review Date: Aug 19, 2022 | Final Action Date: Oct 13, 2022 | [Approved](#)
- ▶ ANSI/SCTE 85-2-2017 (R2022), HMS HE Optics Management Information Base (MIB) Part 2: SCTE-HMS-HE-OPTICAL-RECEIVER-MIB (reaffirmation of ANSI/SCTE 85-2-2017)  
Public Review Date: Aug 19, 2022 | Final Action Date: Oct 13, 2022 | [Approved](#)
- ▶ ANSI/SCTE 85-3-2017 (R2022), HMS Inside Plant Management Information Base SCTE-HMS-HE-OPTICAL-AMPLIFIER-MIB (reaffirmation of ANSI/SCTE 85-3-2017)  
Public Review Date: Aug 19, 2022 | Final Action Date: Oct 13, 2022 | [Approved](#)
- ▶ ANSI/SCTE 85-4-2017 (R2022), HMS Common Inside Plant Management Information Base (MIB) SCTE-HMS-HE-OPTICAL-SWITCH-MIB (reaffirmation of ANSI/SCTE 85-4-2017)  
Public Review Date: Aug 19, 2022 | Final Action Date: Oct 13, 2022 | [Approved](#)
- ▶ ANSI/SCTE 86-2021, SCTE Recommended Optical Fiber Cable Types for Outside Plant Trunk and Distribution Applications (new standard)  
PINS Date: Apr 17, 2015 | Public Review Date: Apr 16, 2021 | Final Action Date: Jun 18, 2021 | [Approved](#)
- ▶ ANSI/SCTE 87-2017, Graphic Symbols for Cable Systems (revision and redesignation of ANSI/SCTE 87-1-2008)  
PINS Date: Jul 26, 2013 | Public Review Date: Sep 1, 2017 | Final Action Date: Oct 20, 2017 | [Approved](#)
- ▶ ANSI/SCTE 88-2012 (R2021), Test Methods for Polyethylene Jacket Longitudinal Shrinkage (reaffirmation of ANSI/SCTE 88-2012)  
PINS Date: May 12, 2017 | Public Review Date: Nov 19, 2021 | Final Action Date: Jan 18, 2022 | [Approved](#)
- ▶ ANSI/SCTE 91-2015, Specification for 5/8-24 RF & AC Equipment Port, Female (revision of ANSI/SCTE 91-2009)  
PINS Date: Dec 6, 2013 | Public Review Date: Apr 10, 2015 | Final Action Date: Jun 4, 2015 | [Approved](#)
- ▶ ANSI/SCTE 92-2022, Specification for 5/8-24 Plug, (Male), Trunk & Distribution Connectors (revision of ANSI/SCTE 92-2017)  
PINS Date: Dec 31, 2021 | Public Review Date: Feb 4, 2022 | Final Action Date: Apr 12, 2022 | [Approved](#)
- ▶ ANSI/SCTE 93-2020, Test Method For Connector/Cable Twist (revision of ANSI/SCTE 93-2013)  
PINS Date: Mar 2, 2018 | Public Review Date: Nov 12, 2021 | Final Action Date: Jan 18, 2022 | [Approved](#)
- ▶ ANSI/SCTE 94-1-2017 (R2022), HMS Common Inside Plant Management Information Base SCTE-HMS-HE-RF-AMP-MIB (reaffirmation of ANSI/SCTE 94-1-2017)  
Public Review Date: Aug 19, 2022 | Final Action Date: Oct 13, 2022 | [Approved](#)
- ▶ ANSI/SCTE 94-2-2017 (R2022), HMS Common Inside Plant Management Information Base SCTE-HMS-HE-RF-SWITCH-MIB (reaffirmation of ANSI/SCTE 94-2-2017)  
Public Review Date: Aug 19, 2022 | Final Action Date: Oct 13, 2022 | [Approved](#)
- ▶ ANSI/SCTE 95-2018, HMS Inside Plant HMTS Theory of Operation (revision of ANSI/SCTE 95-2009)  
PINS Date: Apr 24, 2015 | Public Review Date: May 4, 2018 | Final Action Date: Dec 6, 2018 | [Approved](#)
- ▶ ANSI/SCTE 96-2020, Cable Telecommunications Testing Guidelines (revision of ANSI/SCTE 96-2013)  
PINS Date: Sep 7, 2018 | Public Review Date: Apr 10, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)
- ▶ ANSI/SCTE 98-2020, Test Method for Withstand Tightening Torque – F Male (revision of ANSI/SCTE 98-2014)  
PINS Date: Sep 7, 2018 | Public Review Date: Oct 30, 2020 | Final Action Date: Jan 7, 2021 | [Approved](#)

**SCTE (Society of Cable Telecommunications Engineers)**

- ▶ ANSI/SCTE 99-2019, Test Method for Axial Pull Connector/Drop Cable (revision of ANSI/SCTE 99-2014)  
PINS Date: Sep 7, 2018 | Public Review Date: Jul 5, 2019 | Final Action Date: Aug 20, 2019 | [Approved](#)
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**SDI (ASC A250) (Steel Door Institute)**

30200 Detroit Road, Westlake, OH 44145 | w: [www.wherryassocsteeldoor.org](http://www.wherryassocsteeldoor.org)

- ▶ ANSI A250.10-2020, Test Procedure & Acceptance Criteria for Prime Painted Steel Surfaces for Steel Doors & Frames (revision of ANSI A250.10-2011)  
PINS Date: Jul 22, 2016 | Public Review Date: Dec 20, 2019 | Final Action Date: Jun 24, 2020 | [Approved](#)
- 
- ▶ ANSI A250.11-2022, Recommended Erection Instructions for Steel Frames (revision of ANSI A250.11-2012)  
PINS Date: Jun 9, 2017 | Public Review Date: Jan 14, 2022 | Final Action Date: Mar 17, 2022 | [Approved](#)
- 
- ▶ ANSI A250.3-2019, Test Procedure & Acceptance Criteria for Factory Applied Finish Coatings for Steel Doors & Frames (revision of ANSI A250.3-2007 (R2011))  
PINS Date: Jul 22, 2016 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 14, 2019 | [Approved](#)
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- ▶ ANSI A250.4-2022, Physical Endurance for Steel Doors, Frames and Frame Anchors (revision of ANSI A250.4-2018)  
PINS Date: Jul 8, 2022 | Public Review Date: Sep 16, 2022 | Final Action Date: Oct 17, 2022 | [Approved](#)
- 
- ▶ ANSI A250.6-2020, Recommended Practice for Hardware Reinforcing on Standard Steel Doors and Frames (revision of ANSI A250.6-2015)  
PINS Date: Feb 21, 2020 | Public Review Date: Jul 3, 2020 | Final Action Date: Aug 18, 2020 | [Approved](#)
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- ▶ ANSI A250.8-2017, Specifications for Standard Steel Doors and Frames (SDI-100) (revision of ANSI A250.8-2014)  
PINS Date: May 19, 2017 | Public Review Date: Jun 23, 2017 | Final Action Date: Aug 22, 2017 | [Approved](#)
- 
- ▶ ANSI/BHMA A156.115-2016, Hardware Preparation In Steel Doors And Steel Frames (revision of ANSI/BHMA A156.115-2014)  
PINS Date: Jan 8, 2016 | Public Review Date: Jul 15, 2016 | Final Action Date: Oct 11, 2016 | [Approved](#)
- 
- ▶ ANSI/SDI/BHMA A250.13-2014 (R2018), Testing & Rating of Severe Windstorm Resistant Components for Swinging Door Assemblies for Protection of Building Envelopes (Not applicable for FEMA 320/361 or ICC 500 Shelters) (reaffirmation and redesignation of ANSI A250.13-2014)  
Public Review Date: May 25, 2018 | Final Action Date: Jul 27, 2018 | [Approved](#)
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**SDI (Canvass) (Steel Deck Institute)**

PO Box 426, Glenshaw, PA 15116 | w: [www.sdi.org](http://www.sdi.org)

- ▶ ANSI/SDI QA/QC-2022, Standard for Quality Control and Quality Assurance for Installation of Steel Deck (revision of ANSI/SDI QA/QC-2017)  
PINS Date: Jun 16, 2017 | Public Review Date: Dec 4, 2020 | Final Action Date: May 20, 2021 | [Approved](#)
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- ▶ ANSI/SDI RD-2017, Standard for Steel Roof Deck (revision of ANSI/SDI RD-2010)  
PINS Date: Nov 21, 2014 | Public Review Date: Jun 3, 2016 | Final Action Date: Jan 9, 2017 | [Approved](#)
- 
- ▶ ANSI/SDI SD-2022, Standard for Steel Deck (revision, redesignation and consolidation of ANSI/SDI-C-2017, ANSI/SDI NC-2017, ANSI/SDI RD-2017)  
PINS Date: Feb 16, 2018 | Public Review Date: May 22, 2020 | Final Action Date: May 20, 2021 | [Approved](#)
- 
- ▶ ANSI/SDI T-CD-2022, Test Standard for Composite Steel Deck Slabs (revision of ANSI/SDI T-CD-2017)  
PINS Date: Jun 16, 2017 | Public Review Date: May 22, 2020 | Final Action Date: May 20, 2021 | [Approved](#)
- 
- ▶ ANSI/SDI-C-2017, Standard for Composite Steel Floor Deck-Slabs (revision of ANSI/SDI C-2011)  
PINS Date: Nov 21, 2014 | Public Review Date: Jun 3, 2016 | Final Action Date: Jan 9, 2017 | [Approved](#)
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**SERI (Sustainable Electronics Recycling International)**11102 Woodruff Ave. #10, Downey, CA 90241 | w: [www.sustainableelectronics.org](http://www.sustainableelectronics.org)

- ▶ ANSI/SERI R2-V3-2020, The Sustainable Electronics Reuse & Recycling (R2) Standard (new standard)  
PINS Date: Nov 23, 2018 | Public Review Date: Dec 20, 2019 | Final Action Date: Jul 10, 2020 | [Approved](#)

**SIA (Security Industry Association)**8405 Colesville Road, Suite 500, Silver Spring, MD 20910 | w: [www.siaonline.org](http://www.siaonline.org)

- ▶ ANSI/SIA CP-01-2019, Security System Standard - Features for False Alarm Reduction (revision of ANSI/SIA CP-01-2014)  
PINS Date: Dec 21, 2018 | Public Review Date: Feb 8, 2019 | Final Action Date: Jun 7, 2019 | [Approved](#)

**SIMA (Snow and Ice Management Association)**10140 N. Port Washington Road, Milwaukee, WI 53092 | w: <http://www.sima.org>

- ▶ ANSI/SIMA 10-2020, Standard Practice for Procuring and Planning Snow and Ice Management Services (new standard)  
PINS Date: Jul 5, 2019 | Public Review Date: Nov 8, 2019 | Final Action Date: Jan 15, 2020 | [Approved](#)

**SJI (Steel Joist Institute)**140 W. Evans Street, Suite 203, Florence, SC 29501 | w: [www.steeljoist.org](http://www.steeljoist.org)

- ▶ ANSI/SJI 100-2020, Standard Specifications, Load Tables For Steel Joists and Joist Girders 45th Edition K-Series, LH-Series, DLH-Series, Joist Girders (revision and redesignation of ANSI/SJI 100-2015)  
PINS Date: Sep 20, 2019 | Public Review Date: Nov 22, 2019 | Final Action Date: Apr 15, 2020 | [Approved](#)
- ▶ ANSI/SJI 200-2015, Standard Specification For CJ-Series Composite Steel Joists (revision and redesignation of ANSI/SJI CJ-2010)  
PINS Date: Jan 11, 2013 | Public Review Date: Apr 22, 2016 | Final Action Date: Aug 18, 2017 | [Approved](#)

**SLAS (Society for Laboratory Automation and Screening)**100 Illinois Street, Suite 242, St. Charles, IL 60174 | w: [www.slas.org](http://www.slas.org)

- ▶ ANSI/SLAS 1-2004 (R2012), Microplates - Footprint Dimensions (formerly recognized as ANSI/SBS 1-2004) (reaffirmation and redesignation of ANSI/SBS 1-2004)  
Public Review Date: Nov 4, 2011 | Final Action Date: Oct 3, 2012 | [Approved](#)
- ▶ ANSI/SLAS 2-2004 (R2012), Microplates - Height Dimensions, (formerly recognized as ANSI/SBS 2-2004) (reaffirmation and redesignation of ANSI/SBS 2-2004)  
Public Review Date: Nov 4, 2011 | Final Action Date: Oct 3, 2012 | [Approved](#)
- ▶ ANSI/SLAS 3-2004 (R2012), Microplates - Bottom Outside Flange Dimensions (formerly recognized as ANSI/SBS 3-2004) (reaffirmation and redesignation of ANSI/SBS 3-2004)  
Public Review Date: Nov 4, 2011 | Final Action Date: Oct 3, 2012 | [Approved](#)
- ▶ ANSI/SLAS 4-2004 (R2012), Microplates - Well Positions (formerly recognized as ANSI/SBS 4-2004) (reaffirmation and redesignation of ANSI/SBS 4-2004)  
Public Review Date: Nov 4, 2011 | Final Action Date: Oct 3, 2012 | [Approved](#)

**SMACNA (Sheet Metal and Air-Conditioning Contractors' National Association)**4201 Lafayette Center Drive, Chantilly, VA 20151-1219 □ | w: [www.smacna.org](http://www.smacna.org)

- ▶ ANSI/SMACNA 005-2013, Round Industrial Duct Construction Standards (revision of ANSI/SMACNA 005-2003)  
PINS Date: Nov 16, 2012 | Public Review Date: May 24, 2013 | Final Action Date: Aug 26, 2013 | [Approved](#)

**SMACNA (Sheet Metal and Air-Conditioning Contractors' National Association)**

- ▶ ANSI/SMACNA 006-2020, HVAC Duct Construction Standards - Metal and Flexible (new standard)  
PINS Date: Sep 13, 2013 | Public Review Date: Aug 31, 2018 | Final Action Date: Dec 11, 2020 | [Approved](#)
- ▶ ANSI/SMACNA 007-2016, Residential Comfort System Installation Standards (new standard)  
PINS Date: Mar 24, 2006 | Public Review Date: Oct 3, 2014 | Final Action Date: May 12, 2016 | [Approved](#)
- ▶ ANSI/SMACNA 011-2017, Thermoset FRP Duct Construction Manual (new standard)  
PINS Date: Jul 29, 2016 | Public Review Date: Jan 6, 2017 | Final Action Date: Mar 27, 2017 | [Approved](#)
- ▶ ANSI/SMACNA 014-2013, HVAC Systems Commissioning Manual (new standard)  
PINS Date: Mar 24, 2006 | Public Review Date: Nov 16, 2012 | Final Action Date: Oct 2, 2013 | [Approved](#)
- ▶ ANSI/SMACNA 022-2015, Phenolic Duct Construction Standards (new standard)  
PINS Date: Jul 25, 2014 | Public Review Date: Jan 2, 2015 | Final Action Date: Feb 12, 2015 | [Approved](#)

**SPRI (Single Ply Roofing Industry)**

465 Waverley Oaks Road, Suite 421, Waltham, MA 02452 | w: [www.spri.org](http://www.spri.org)

- ▶ ANSI/MCA FTS-1-2019, Test Method for Wind Load Resistance of Flashings Used with Metal Roof Systems (new standard)  
PINS Date: Aug 10, 2018 | Public Review Date: Apr 19, 2019 | Final Action Date: Jun 25, 2019 | [Approved](#)
- ▶ ANSI/SPRI ED-1-2019, Design Standard for Edge Systems Used With Low Slope Roofing Systems (revision and partition of ANSI/SPRI/FM 4435 ES-1 2011 and ANSI/SPRI GD-1 2010)  
PINS Date: Dec 23, 2016 | Public Review Date: Dec 1, 2017 | Final Action Date: Jun 3, 2019 | [Approved](#)
- ▶ ANSI/SPRI FX-1-2021, Standard Field Test Procedure for Determining the Withdrawal Resistance of Roofing Fasteners (revision of ANSI/SPRI FX-1-2016)  
PINS Date: Aug 6, 2021 | Public Review Date: Sep 24, 2021 | Final Action Date: Nov 1, 2021 | [Approved](#)
- ▶ ANSI/SPRI GT-1-2016 (R2022), Test Standard for Gutter Systems (reaffirmation of ANSI/SPRI GT-1-2016)  
Public Review Date: May 28, 2021 | Final Action Date: Jul 8, 2022 | [Approved](#)
- ▶ ANSI/SPRI IA-1-2021, Standard Field Test Procedure for Verifying the Suitability of Roof Substrates and Adhesives (revision of ANSI/SPRI IA-1-2015)  
PINS Date: May 8, 2020 | Public Review Date: Jan 1, 2021 | Final Action Date: May 12, 2021 | [Approved](#)
- ▶ ANSI/SPRI RD-1-2019, Performance Standard for Retrofit Drains (revision of ANSI/SPRI RD-1-2014)  
PINS Date: Apr 26, 2019 | Public Review Date: May 31, 2019 | Final Action Date: Jul 25, 2019 | [Approved](#)
- ▶ ANSI/SPRI RP-14-2022, Wind Design Standard for Vegetative Roofing System (revision of ANSI/SPRI RP-14-2016)  
PINS Date: Nov 19, 2021 | Public Review Date: Jun 3, 2022 | Final Action Date: Jul 11, 2022 | [Approved](#)
- ▶ ANSI/SPRI RP-4-2022, Wind Design Standard for Ballasted Single-ply Roofing Systems (revision of ANSI/SPRI RP-4-2019)  
PINS Date: Jan 7, 2022 | Public Review Date: Mar 4, 2022 | Final Action Date: Apr 6, 2022 | [Approved](#)
- ▶ ANSI/SPRI VF-1-2017, External Fire Design Standard for Vegetative Roof System (revision of ANSI/SPRI VF-1-2010)  
PINS Date: Aug 7, 2015 | Public Review Date: Mar 17, 2017 | Final Action Date: May 11, 2017 | [Approved](#)
- ▶ ANSI/SPRI VR-1-2018, Procedure for Investigating Resistance Root or Rhizome Penetration on Vegetative Roofs (revision of ANSI/GRHC/SPRI VR-1-2011)  
PINS Date: Mar 4, 2016 | Public Review Date: Apr 20, 2018 | Final Action Date: Jun 11, 2018 | [Approved](#)
- ▶ ANSI/SPRI WD-1-2020, Wind Design Standard Practice for Roofing Assemblies (revision of ANSI/SPRI WD-1-2014 )  
PINS Date: Jun 15, 2018 | Public Review Date: Nov 8, 2019 | Final Action Date: Jan 6, 2020 | [Approved](#)

**SPRI (Single Ply Roofing Industry)**

- ▶ ANSI/SPRI/FM 4435/ES-1-2022, Test Standard for Edge Systems Used with Low Slope Roofing Systems (revision of ANSI/SPRI/FM 4435 ES-1-2017)  
PINS Date: Jun 3, 2022 | Public Review Date: Sep 30, 2022 | Final Action Date: Nov 21, 2022 | [Approved](#)
- ▶ ANSI/SPRI/FM BPT-1-2021, Test Standard for Comparative Pull-Through Strengths of Insulation Fastening Systems and Substrate Board Materials Used with Low Slope Roofing Systems (new standard)  
PINS Date: Sep 27, 2019 | Public Review Date: Feb 12, 2021 | Final Action Date: Mar 16, 2021 | [Approved](#)
- ▶ ANSI/SPRI/IIBEC NT-1 (R2022), Detection and Location of Latent Moisture in Building Roofing Systems by Nuclear Radioisotopic Thermalization (reaffirmation and redesignation of ANSI/SPRI/RCI NT-1-2012 (R2017))  
PINS Date: Jun 17, 2022 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 12, 2022 | [Approved](#)

**SVIA (Specialty Vehicle Institute of America)**

2 Jenner, Suite 150, Irvine, CA 92618

- ▶ ANSI/SVIA 1-2017, Four Wheel All-Terrain Vehicles (revision of ANSI/SVIA 1-2010)  
PINS Date: Jan 1, 2016 | Public Review Date: Dec 16, 2016 | Final Action Date: Jun 8, 2017 | [Approved](#)

**TAPPI (Technical Association of the Pulp and Paper Industry)**

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | w: [www.tappi.org](http://www.tappi.org)

- ▶ ANSI/TAPPI T 1006 sp-2010 (R2022), Testing of fiber glass mats: use of modified TAPPI procedures for sampling and lot acceptance, stiffness, tear resistance, and thickness (reaffirmation of ANSI/TAPPI T 1006 sp-2010)  
PINS Date: May 17, 2019 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)
- ▶ ANSI/TAPPI T 1007 sp-2015 (R2022), Sample location for fiber glass mat sheets (reaffirmation of ANSI/TAPPI T 1007 sp-2015)  
PINS Date: May 17, 2019 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)
- ▶ ANSI/TAPPI T 1008 sp-2015, Test conditions for fiber glass mat test methods (revision of ANSI/TAPPI T 1008 sp-2010)  
PINS Date: Aug 15, 2014 | Public Review Date: Mar 27, 2015 | Final Action Date: Jun 9, 2015 | [Approved](#)
- ▶ ANSI/TAPPI T 1009 om-2022, Tensile strength and elongation at break for fiber glass mats (new standard)  
PINS Date: Mar 27, 2020 | Public Review Date: Jan 28, 2022 | Final Action Date: Jun 14, 2022 | [Approved](#)
- ▶ ANSI/TAPPI T 1012 om-2015, Moisture content of fiber glass mats (revision of ANSI/TAPPI T 1012 om-2010)  
PINS Date: Sep 19, 2014 | Public Review Date: Feb 27, 2015 | Final Action Date: Jun 9, 2015 | [Approved](#)
- ▶ ANSI/TAPPI T 1013 om-2010 (R2022), Loss on ignition of fiber glass mats (reaffirmation of ANSI/TAPPI T 1013 om-2010)  
PINS Date: May 24, 2019 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)
- ▶ ANSI/TAPPI T 1015 sp-2010 (R2015), Fiber glass mat uniformity (visual defects) (reaffirmation of ANSI/TAPPI T 1015 sp-2010)  
PINS Date: Aug 8, 2014 | Public Review Date: Mar 6, 2015 | Final Action Date: Jun 9, 2015 | [Approved](#)
- ▶ ANSI/TAPPI T 1016 om-2010 (R2022), Average fiber diameter of fiber glass mats (reaffirmation of ANSI/TAPPI T 1016 om-2010)  
PINS Date: May 24, 2019 | Public Review Date: Jan 28, 2022 | Final Action Date: Jun 14, 2022 | [Approved](#)
- ▶ ANSI/TAPPI T 1200 sp-2014 (R2020), Interlaboratory evaluation of test methods to determine TAPPI repeatability and reproducibility (reaffirmation of ANSI/TAPPI T 1200 sp-2014)  
PINS Date: Oct 12, 2018 | Public Review Date: Aug 9, 2019 | Final Action Date: Jan 31, 2020 | [Approved](#)

**TAPPI (Technical Association of the Pulp and Paper Industry)**

- ▶ ANSI/TAPPI T 1205 sp-2014 (R2020), Dealing with suspect (outlying) test determinations (reaffirmation of ANSI/TAPPI T 1205 sp-2014)  
PINS Date: Oct 12, 2018 | Public Review Date: Mar 6, 2020 | Final Action Date: Jun 9, 2020 | [Approved](#)

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- ▶ ANSI/TAPPI T 1210 sp-2018 (R2022), Units of measurement and conversion factors (reaffirmation of ANSI/TAPPI T 1210 sp-2018)  
PINS Date: Mar 18, 2022 | Public Review Date: Sep 16, 2022 | Final Action Date: Nov 3, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 1211 sp-2020, Self-certification practice for organizations providing reference materials for TAPPI Standards (revision of ANSI/TAPPI T 1211 sp-2011)  
PINS Date: Apr 27, 2018 | Public Review Date: Aug 9, 2019 | Final Action Date: Jan 31, 2020 | [Approved](#)

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- ▶ ANSI/TAPPI T 1212 sp-2021, Light sources for evaluating papers including those containing fluorescent whitening agents (revision of ANSI/TAPPI T 1212 sp-2012)  
PINS Date: May 13, 2016 | Public Review Date: Jun 25, 2021 | Final Action Date: Nov 4, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 1214 sp-2022, Interrelation of reflectance, R<sub>0</sub>; reflectivity, R ; TAPPI opacity, C0.89; scattering, s; and absorption, k (new standard)  
PINS Date: Dec 10, 2021 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 1215 sp-2021, The determination of instrumental color differences (revision of ANSI/TAPPI T 1215 sp-2012)  
PINS Date: Jun 3, 2016 | Public Review Date: Mar 26, 2021 | Final Action Date: Jul 14, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 1216 sp-2018 (R2022), Indices for whiteness, yellowness, brightness, and luminous reflectance factor (reaffirmation of ANSI/TAPPI T 1216 sp-2018)  
PINS Date: Mar 18, 2022 | Public Review Date: Sep 16, 2022 | Final Action Date: Nov 3, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 1217 sp-2012 (R2018), Photometric linearity of optical properties instruments (reaffirmation of ANSI/TAPPI T 1217 sp-2012)  
PINS Date: May 20, 2016 | Public Review Date: Mar 30, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ ANSI/TAPPI T 1218 sp-2012 (R2018), Calibration of reflectance standards for hemispherical geometry (reaffirmation of ANSI/TAPPI T 1218 sp-2012)  
PINS Date: May 20, 2016 | Public Review Date: Apr 13, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ ANSI/TAPPI T 1219 sp-2022, Storage of paper samples for optical measurements and color matching (new standard)  
PINS Date: Dec 10, 2021 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 1500 gl-2018, Optical measurements terminology (related to appearance evaluation of paper) (reaffirmation of ANSI/TAPPI T 1500 gl-2012)  
Public Review Date: Aug 24, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ ANSI/TAPPI T 1501 sg-2018, Training standard for paper machine tender (new standard)  
PINS Date: Sep 25, 2015 | Public Review Date: Aug 10, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ ANSI/TAPPI T 200 sp-2015 (R2021), Laboratory beating of pulp (Valley beater method) (reaffirmation of ANSI/TAPPI T 200 sp-2015)  
PINS Date: May 17, 2019 | Public Review Date: Jul 30, 2021 | Final Action Date: Oct 26, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 205 sp-2018, Forming handsheets for physical tests of pulp (new standard)  
PINS Date: Jan 19, 2018 | Public Review Date: Aug 3, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ ANSI/TAPPI T 211 om-2022, Ash in wood, pulp, paper and paperboard: combustion at 525C (new standard)  
PINS Date: Mar 27, 2020 | Public Review Date: Jan 28, 2022 | Final Action Date: Jun 14, 2022 | [Approved](#)

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**TAPPI (Technical Association of the Pulp and Paper Industry)**

- ▶ ANSI/TAPPI T 212 om-2012 (R2022), One percent sodium hydroxide solubility of wood and pulp (reaffirmation of ANSI/TAPPI T 212 om-2012 (R2018))  
Public Review Date: Aug 26, 2022 | Final Action Date: Nov 3, 2022 | [Approved](#)
- ▶ ANSI/TAPPI T 213 om-2010 (R2021), Dirt in pulp – chart method (reaffirmation of ANSI/TAPPI T 213 om-2010 (R2015))  
PINS Date: May 17, 2019 | Public Review Date: Jun 25, 2021 | Final Action Date: Oct 26, 2021 | [Approved](#)
- ▶ ANSI/TAPPI T 218 sp-2018, Forming handsheets for reflectance testing of pulp (Bchner funnel procedure) (new standard)  
PINS Date: Jun 19, 2015 | Public Review Date: Aug 24, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)
- ▶ ANSI/TAPPI T 220 sp-2021, Physical testing of pulp handsheets (new standard)  
PINS Date: Mar 27, 2020 | Public Review Date: Jun 25, 2021 | Final Action Date: Oct 26, 2021 | [Approved](#)
- ▶ ANSI/TAPPI T 222 om-2021, Acid insoluble lignin in wood and pulp (new standard)  
PINS Date: May 17, 2019 | Public Review Date: Jun 25, 2021 | Final Action Date: Nov 1, 2021 | [Approved](#)
- ▶ ANSI/TAPPI T 227 om-2021, Freeness of pulp (Canadian standard method) (new standard)  
PINS Date: Jan 29, 2021 | Public Review Date: Jul 30, 2021 | Final Action Date: Oct 26, 2021 | [Approved](#)
- ▶ ANSI/TAPPI T 230 om-2013 (R2019), Viscosity of pulp (capillary viscometer method) (reaffirmation of ANSI/TAPPI T 230 om-2013)  
PINS Date: Apr 6, 2018 | Public Review Date: Mar 29, 2019 | Final Action Date: Jun 11, 2019 | [Approved](#)
- ▶ ANSI/TAPPI T 236 om-2022, Kappa number of pulp (revision of ANSI/TAPPI T 236 om-2013)  
PINS Date: Nov 19, 2021 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)
- ▶ ANSI/TAPPI T 240 om-2020, Consistency (concentration) of pulp suspensions (revision of ANSI/TAPPI T 240 om-2012)  
PINS Date: Jul 1, 2016 | Public Review Date: Aug 9, 2019 | Final Action Date: Jan 31, 2020 | [Approved](#)
- ▶ ANSI/TAPPI T 248 sp-2015 (R2021), Laboratory beating of pulp (PFI mill method) (reaffirmation of ANSI/TAPPI T 248 sp-2015)  
PINS Date: May 17, 2019 | Public Review Date: Jun 25, 2021 | Final Action Date: Oct 26, 2021 | [Approved](#)
- ▶ ANSI/TAPPI T 252 om-2022, pH and electrical conductivity of hot water extracts of pulp, paper, and paperboard (new standard)  
PINS Date: Jul 2, 2021 | Public Review Date: Jan 28, 2022 | Final Action Date: Jun 14, 2022 | [Approved](#)
- ▶ ANSI/TAPPI T 257 sp-2014 (R2021), Sampling and preparing wood for analysis (reaffirmation of ANSI/TAPPI T 257 sp-2014)  
PINS Date: Mar 8, 2019 | Public Review Date: Mar 26, 2021 | Final Action Date: Jul 14, 2021 | [Approved](#)
- ▶ ANSI/TAPPI T 258 om-2021, Basic density and moisture content of pulpwood (new standard)  
PINS Date: Mar 27, 2020 | Public Review Date: Mar 26, 2021 | Final Action Date: Jul 14, 2021 | [Approved](#)
- ▶ ANSI/TAPPI T 259 om-2015 (R2021), Species identification of nonwood plant fibers (reaffirmation of ANSI/TAPPI T 259 om-2015)  
PINS Date: May 17, 2019 | Public Review Date: Oct 29, 2021 | Final Action Date: Dec 14, 2021 | [Approved](#)
- ▶ ANSI/TAPPI T 262 sp-2012 (R2022), Preparation of mechanical pulps for testing (reaffirmation of ANSI/TAPPI T 262 sp-2012 (R2018))  
PINS Date: Mar 18, 2022 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

**TAPPI (Technical Association of the Pulp and Paper Industry)**

- ▶ ANSI/TAPPI T 266 om-2018, Determination of sodium, calcium, copper, iron and manganese in pulp and paper by atomic absorption spectroscopy (new standard)  
PINS Date: May 8, 2015 | Public Review Date: May 4, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ ANSI/TAPPI T 268 om-2013 (R2022), Weight-volume measurement of pulpwood (reaffirmation of ANSI/TAPPI T 268 om-2013)  
PINS Date: Apr 6, 2018 | Public Review Date: Jan 28, 2022 | Final Action Date: Jun 14, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 271 om-2012 (R2018), Fiber length of pulp and paper by automated optical analyzer using polarized light (reaffirmation of ANSI/TAPPI T 271 om-2012)  
PINS Date: Jan 19, 2018 | Public Review Date: Aug 3, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ ANSI/TAPPI T 272 sp-2021, Forming handsheets for reflectance testing of pulp (sheet machine procedure) (revision of ANSI/TAPPI T 272 sp-2012)  
PINS Date: Aug 12, 2016 | Public Review Date: Mar 26, 2021 | Final Action Date: Jul 14, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 274 sp-2022, Laboratory screening of pulp(MasterScreen-type instrument) (revision of ANSI/TAPPI T 274 sp-2013)  
PINS Date: Jul 30, 2021 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 275 sp-2018, Screening of pulp (Somerville-type equipment) (new standard)  
PINS Date: Jul 15, 2016 | Public Review Date: Apr 20, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ ANSI/TAPPI T 277 sp-2014 (R2021), Macro stickies content in pulp: the pick-up method (reaffirmation of ANSI/TAPPI T 277 sp-2014)  
PINS Date: Mar 8, 2019 | Public Review Date: Aug 13, 2021 | Final Action Date: Nov 1, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 278 sp-2021, Pulp screening (Valley-type screening device) (new standard)  
PINS Date: Jan 29, 2021 | Public Review Date: Jul 30, 2021 | Final Action Date: Oct 26, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 281 sp-2018 (R2022), Open drum washer mat sampling technique (reaffirmation of ANSI/TAPPI T 281 sp-2018)  
PINS Date: Mar 18, 2022 | Public Review Date: Sep 16, 2022 | Final Action Date: Nov 3, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 282 om-2013 (R2019), Hexeneuronic acid content of chemical pulp (reaffirmation of ANSI/TAPPI T 282 om-2013)  
PINS Date: Mar 30, 2018 | Public Review Date: Mar 29, 2019 | Final Action Date: Jun 11, 2019 | [Approved](#)

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- ▶ ANSI/TAPPI T 400 sp-2022, Sampling and accepting a single lot of paper, paperboard, containerboard, or related product (new standard)  
PINS Date: Jan 22, 2021 | Public Review Date: Jan 28, 2022 | Final Action Date: Jun 16, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 401 om-2015 (R2020), Fiber Analysis Of Paper And Paperboard (reaffirmation of ANSI/TAPPI T 401 om-2015)  
PINS Date: May 10, 2019 | Public Review Date: Aug 21, 2020 | Final Action Date: Nov 3, 2020 | [Approved](#)

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- ▶ ANSI/TAPPI T 402 sp-2021, Standard conditioning and testing atmospheres for paper, board, pulp handsheets, and related products (revision of ANSI/TAPPI T 402 sp-2013)  
PINS Date: Oct 2, 2020 | Public Review Date: Mar 26, 2021 | Final Action Date: Jul 14, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 403 om-2022, Bursting strength of paper (revision of ANSI/TAPPI T 403 om-2015)  
PINS Date: Jul 30, 2021 | Public Review Date: Aug 26, 2022 | Final Action Date: Nov 8, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 406 om-2013, Reducible sulfur in paper and paperboard (new standard)  
PINS Date: Aug 3, 2012 | Public Review Date: Feb 22, 2013 | Final Action Date: Jun 12, 2013 | [Approved](#)

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**TAPPI (Technical Association of the Pulp and Paper Industry)**

- ▶ ANSI/TAPPI T 409 sp-2015, Machine direction of paper and paperboard (new standard)  
PINS Date: Sep 13, 2013 | Public Review Date: Oct 3, 2014 | Final Action Date: Jun 9, 2015 | [Approved](#)

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- ▶ ANSI/TAPPI T 410 om-2013 (R2019), Grammage of paper and paperboard (weight per unit area) (reaffirmation of ANSI/TAPPI T 410 om-2013)  
PINS Date: Apr 6, 2018 | Public Review Date: Mar 29, 2019 | Final Action Date: Jun 11, 2019 | [Approved](#)

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- ▶ ANSI/TAPPI T 411 om-2015 (R2021), Thickness (caliper) of paper, paperboard, and combined board (reaffirmation of ANSI/TAPPI T 411 om-2015)  
PINS Date: May 17, 2019 | Public Review Date: Jul 30, 2021 | Final Action Date: Oct 26, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 412 om-2022, Moisture in pulp, paper and paperboard (new standard)  
PINS Date: Mar 27, 2020 | Public Review Date: Jan 28, 2022 | Final Action Date: Jun 16, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 413 om-2022, Ash in wood, pulp, paper and paperboard:combustion at 900°C (new standard)  
PINS Date: Jan 29, 2021 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 414 om-2021, Internal tearing resistance of paper (Elmendorf-type method) (new standard)  
PINS Date: Feb 16, 2018 | Public Review Date: Mar 26, 2021 | Final Action Date: Jul 14, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 419 om-2018 (R2022), Starch in paper (reaffirmation of ANSI/TAPPI T 419 om-2018)  
PINS Date: Mar 18, 2022 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 425 om-2021, Opacity of paper (15/d geometry, illuminant A/2°, 89% reflectance backing and paper backing) (revision of ANSI/TAPPI T 425 om-2011)  
PINS Date: Mar 27, 2020 | Public Review Date: Jul 2, 2021 | Final Action Date: Oct 26, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 428 om-2021, Hot water extractable acidity or alkalinity of paper (revision of ANSI/TAPPI T 428 om-2013)  
PINS Date: Aug 14, 2020 | Public Review Date: Aug 20, 2021 | Final Action Date: Nov 1, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 435 om-2022, Hydrogen ion concentration (pH) of paper extracts (hot extraction method) (new standard)  
PINS Date: Mar 27, 2020 | Public Review Date: Jan 28, 2022 | Final Action Date: Jun 16, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 437 om-2012 (R2021), Dirt in paper and paperboard (reaffirmation of ANSI/TAPPI T 437 om-2012)  
PINS Date: Oct 27, 2017 | Public Review Date: Mar 26, 2021 | Final Action Date: Jul 14, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 441 om-2020, Water absorptiveness of sized (nonbibulous) paper, paperboard, and corrugated fiberboard (Cobb test) (revision of ANSI/TAPPI T 441 om-2013)  
PINS Date: Jul 3, 2020 | Public Review Date: Aug 14, 2020 | Final Action Date: Nov 10, 2020 | [Approved](#)

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- ▶ ANSI/TAPPI T 444 sp-2021, Silver tarnishing by paper and paperboard (revision and redesignation of ANSI/TAPPI T 444 om-2012)  
PINS Date: Jun 17, 2016 | Public Review Date: Aug 27, 2021 | Final Action Date: Nov 1, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 448 om-2021, Water vapor transmission rate of paper and paperboard at 23 degrees C and 50% RH (new standard)  
PINS Date: Jan 29, 2021 | Public Review Date: Jul 30, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 449 om-2022, Bacteriological examination of paper and paperboard (revision of ANSI/TAPPI T 449 om-2014)  
PINS Date: Aug 6, 2021 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 452 om-2018, Brightness of pulp, paper, and paperboard (directional reflectance at 457 nm) (new standard)  
PINS Date: Mar 23, 2012 | Public Review Date: Nov 24, 2017 | Final Action Date: Jun 12, 2018 | [Approved](#)

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**TAPPI (Technical Association of the Pulp and Paper Industry)**

- ▶ ANSI/TAPPI T 453 sp-2013 (R2020), Effect of dry heat on properties of paper and board (reaffirmation of ANSI/TAPPI T 453 sp-2013)

PINS Date: Jun 8, 2018 | Public Review Date: Aug 9, 2019 | Final Action Date: Jan 31, 2020 | [Approved](#)

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- ▶ ANSI/TAPPI T 454 om-2015 (R2021), Turpentine test for voids in glassine and greaseproof papers (reaffirmation of ANSI/TAPPI T 454 om-2015)

PINS Date: May 17, 2019 | Public Review Date: Mar 26, 2021 | Final Action Date: Jul 14, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 455 sp-2014 (R2020), Identification of wire side of paper (reaffirmation of ANSI/TAPPI T 455 sp-2014)

PINS Date: Feb 1, 2019 | Public Review Date: Mar 6, 2020 | Final Action Date: Jun 9, 2020 | [Approved](#)

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- ▶ ANSI/TAPPI T 456 om-2022, Tensile breaking strength of water-saturated paper and paperboard (wet tensile strength) (revision of ANSI/TAPPI T 456 om-2015)

PINS Date: May 17, 2019 | Public Review Date: Mar 11, 2022 | Final Action Date: Jun 14, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 459 om-2021, Surface strength of paper (wax pick test) (revision of ANSI/TAPPI T 459 om-2013)

PINS Date: Oct 2, 2020 | Public Review Date: Jun 25, 2021 | Final Action Date: Nov 1, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 460 om-2021, Air resistance of paper (Gurley method) (new standard)

PINS Date: Mar 27, 2020 | Public Review Date: Aug 20, 2021 | Final Action Date: Nov 1, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 464 om-2012 (R2022), Water vapor transmission rate of paper and paperboard at high temperature and humidity (reaffirmation of ANSI/TAPPI T 464 om-2012 (R2018))

PINS Date: Mar 18, 2022 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 465 sp-2021, Static creasing of paper for water vapor transmission tests (new standard)

PINS Date: Mar 27, 2020 | Public Review Date: Jul 2, 2021 | Final Action Date: Nov 1, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 476 om-2021, Abrasion loss of paper and paperboard (Taber-type method) (revision of ANSI/TAPPI T 476 om-2011)

PINS Date: Mar 27, 2020 | Public Review Date: Jul 30, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 480 om-2015 (R2020), Specular Gloss Of Paper And Paperboard At 75 Degrees (reaffirmation of ANSI/TAPPI T 480 om-2015)

PINS Date: May 17, 2019 | Public Review Date: Aug 21, 2020 | Final Action Date: Nov 3, 2020 | [Approved](#)

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- ▶ ANSI/TAPPI T 489 om-2022, Bending resistance (stiffness) of paper and paperboard (Taber-type tester in basic configuration) (revision of ANSI/TAPPI T 489 om-2015)

PINS Date: Jul 2, 2021 | Public Review Date: Jan 28, 2022 | Final Action Date: Jun 16, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 491 om-2018, Water immersion number of paperboard (reaffirmation of ANSI/TAPPI T 491 om-2013)

PINS Date: Apr 6, 2018 | Public Review Date: Aug 24, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ ANSI/TAPPI T 494 om-2022, Tensile properties of paper and paperboard (using constant rate of elongation apparatus) (revision of ANSI/TAPPI T 494 om-2013)

PINS Date: Jul 30, 2021 | Public Review Date: Jan 28, 2022 | Final Action Date: Jun 14, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 496 sp-2013 (R2019), Specimen preparation for cross directional internal tearing resistance for paper, paperboard and related materials (reaffirmation of ANSI/TAPPI T 496 sp-2013)

PINS Date: Apr 6, 2018 | Public Review Date: Mar 29, 2019 | Final Action Date: Jun 11, 2019 | [Approved](#)

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- ▶ ANSI/TAPPI T 509 om-2022, Hydrogen ion concentration (pH) of paper extracts (cold extraction method) (new standard)

PINS Date: May 17, 2019 | Public Review Date: Jan 28, 2022 | Final Action Date: Jun 14, 2022 | [Approved](#)

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**TAPPI (Technical Association of the Pulp and Paper Industry)**

- ▶ ANSI/TAPPI T 511 om-2013 (R2020), Folding Endurance Of Paper (MIT Tester) (reaffirmation of ANSI/TAPPI T 511 om-2013)  
PINS Date: Feb 1, 2019 | Public Review Date: Aug 21, 2020 | Final Action Date: Nov 3, 2020 | [Approved](#)

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- ▶ ANSI/TAPPI T 512 sp-2012 (R2021), Creasing of flexible packaging material paper specimens for testing (reaffirmation of ANSI/TAPPI T 512 sp-2012)  
PINS Date: Feb 23, 2018 | Public Review Date: Mar 26, 2021 | Final Action Date: Jul 14, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 515 om-2020, Visual grading and color matching of paper (revision of ANSI/TAPPI T 515 om-2014)  
PINS Date: Jul 3, 2020 | Public Review Date: Aug 14, 2020 | Final Action Date: Nov 10, 2020 | [Approved](#)

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- ▶ ANSI/TAPPI T 519 om-2022, Diffuse opacity of paper (d/0 paper backing) (new standard)  
PINS Date: Dec 10, 2021 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 524 om-2013 (R2020), Color Of Paper And Paperboard (45/0, C/2) (reaffirmation of ANSI/TAPPI T 524 om-2013)  
PINS Date: Oct 12, 2018 | Public Review Date: Aug 21, 2020 | Final Action Date: Nov 9, 2020 | [Approved](#)

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- ▶ ANSI/TAPPI T 525 om-2022, Diffuse brightness of paper, paperboard and pulp (d/0) -- ultraviolet level C (new standard)  
PINS Date: Sep 17, 2021 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 527 om-2013 (R2020), Color of paper and paperboard (d/0, C/2) (reaffirmation of ANSI/TAPPI T 527 om-2013)  
PINS Date: Oct 12, 2018 | Public Review Date: Aug 9, 2019 | Final Action Date: Jan 31, 2020 | [Approved](#)

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- ▶ ANSI/TAPPI T 529 om-2014 (R2021), Surface pH measurement of paper (reaffirmation of ANSI/TAPPI T 529 om-2014)  
PINS Date: Feb 8, 2019 | Public Review Date: Mar 26, 2021 | Final Action Date: Jul 14, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 530 om-2018, Size test for paper by ink resistance (Hercules-type method) (reaffirmation and redesignation of ANSI/TAPPI T 530 om-2012)  
PINS Date: Jun 17, 2016 | Public Review Date: Dec 15, 2017 | Final Action Date: Jul 10, 2018 | [Approved](#)

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- ▶ ANSI/TAPPI T 534 om-2022, Brightness of clay and other mineral pigments(d/0 diffuse) (new standard)  
PINS Date: May 17, 2019 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 536 om-2018 (R2022), Resistance of paper to passage of air (high-pressure Gurley method) (reaffirmation of ANSI/TAPPI T 536 om-2018)  
PINS Date: Mar 18, 2022 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 537 om-2021, Dirt count in paper and paperboard (optical character recognition - OCR) (new standard)  
PINS Date: Mar 27, 2020 | Public Review Date: Mar 26, 2021 | Final Action Date: Jul 14, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 538 om-2022, Roughness of paper and paperboard (Sheffield method) (new standard)  
PINS Date: Mar 27, 2020 | Public Review Date: Jan 28, 2022 | Final Action Date: Jun 14, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 541 om-2021, Internal bond strength of paperboard (z-direction tensile) (new standard)  
PINS Date: May 17, 2019 | Public Review Date: Jun 25, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 543 om-2022, Bending resistance of paper (Gurley-type tester) (new standard)  
PINS Date: Mar 27, 2020 | Public Review Date: Jan 28, 2022 | Final Action Date: Jun 14, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 545 om-2020, Cross-machine grammage profile measurement (gravimetric method) (new standard)  
PINS Date: Aug 7, 2015 | Public Review Date: Aug 16, 2019 | Final Action Date: Jan 31, 2020 | [Approved](#)

**TAPPI (Technical Association of the Pulp and Paper Industry)**

- ▶ ANSI/TAPPI T 546 om-2015 (R2022), Machine-direction grammage variation measurement (gravimetric method) (reaffirmation of ANSI/TAPPI T 546 om-2015)  
PINS Date: May 17, 2019 | Public Review Date: Jan 28, 2022 | Final Action Date: Jun 14, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 547 om-2012 (R2018), Air permeance of paper and paperboard (Sheffield method) (reaffirmation of ANSI/TAPPI T 547 om-2012)  
PINS Date: Jun 24, 2016 | Public Review Date: Dec 15, 2017 | Final Action Date: Jun 12, 2018 | [Approved](#)

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- ▶ ANSI/TAPPI T 549 om-2020, Coefficients Of Static And Kinetic Friction Of Uncoated Writing And Printing Paper By Use Of The Horizontal Plane Method (new standard)  
PINS Date: Apr 6, 2018 | Public Review Date: Aug 21, 2020 | Final Action Date: Nov 9, 2020 | [Approved](#)

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- ▶ ANSI/TAPPI T 550 om-2013 (R2022), Determination of equilibrium moisture in pulp, paper and paperboard for chemical analysis (reaffirmation of ANSI/TAPPI T 550 om-2013)  
PINS Date: Apr 6, 2018 | Public Review Date: Jan 28, 2022 | Final Action Date: Jun 14, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 551 om-2018, Thickness of paper and paperboard (soft platen method) (reaffirmation of ANSI/TAPPI T 551 om-2012)  
PINS Date: Feb 23, 2018 | Public Review Date: Aug 24, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ ANSI/TAPPI T 553 om-2020, Alkalinity Of Paper As Calcium Carbonate (Alkaline Reserve Of Paper) (new standard)  
PINS Date: May 17, 2019 | Public Review Date: Aug 21, 2020 | Final Action Date: Nov 3, 2020 | [Approved](#)

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- ▶ ANSI/TAPPI T 555 om-2022, Roughness of paper and paperboard (Print-surf method) (revision of ANSI/TAPPI T 555 om-2015)  
PINS Date: Jul 30, 2021 | Public Review Date: Jan 28, 2022 | Final Action Date: Jun 14, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 556 om-2021, Bending resistance of paper and paperboard by single-point bending methods (new standard)  
PINS Date: Mar 27, 2020 | Public Review Date: Mar 26, 2021 | Final Action Date: Jul 14, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 558 om-2010 (R2020), Surface Wettability And Absorbency Of Sheeted Materials Using An Automated Contact Angle Tester (reaffirmation of ANSI/TAPPI T 558 om-2010 (R2015))  
PINS Date: May 17, 2019 | Public Review Date: Aug 21, 2020 | Final Action Date: Nov 9, 2020 | [Approved](#)

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- ▶ ANSI/TAPPI T 560 om-2021, CIE whiteness and tint of paper and paperboard (d/0 geometry, C/2 illuminant/observer) (new standard)  
PINS Date: Jun 27, 2014 | Public Review Date: Mar 26, 2021 | Final Action Date: Jul 14, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 562 om-2021, CIE whiteness and tint of paper and paperboard (45/0 geometry, C/2 illuminant/observer) (new standard)  
PINS Date: Jul 25, 2014 | Public Review Date: Mar 26, 2021 | Final Action Date: Jul 14, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 563 om-2015 (R2021), Equivalent black area (EBA) and count of visible dirt in pulp, paper and paperboard by image analysis (reaffirmation of ANSI/TAPPI T 563 om-2015)  
PINS Date: May 10, 2019 | Public Review Date: Mar 26, 2021 | Final Action Date: Jul 14, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 564 sp-20212x, Transparent chart for the estimation of defect size (new standard)  
PINS Date: Mar 27, 2020 | Public Review Date: Jun 25, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 566 om-2021, Bending resistance (stiffness) of paper (Taber-type tester in 0 to 10 Taber stiffness unit configuration) (new standard)  
PINS Date: May 17, 2019 | Public Review Date: Aug 20, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 567 om-2020, Determination Of Effective Residual Ink Concentration (Eric) By Infrared Reflectance Measurement (new standard)  
PINS Date: May 17, 2019 | Public Review Date: Aug 21, 2020 | Final Action Date: Nov 9, 2020 | [Approved](#)

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**TAPPI (Technical Association of the Pulp and Paper Industry)**

- ▶ ANSI/TAPPI T 568 om-2012 (R2018), Physical area of sub-visible contraries in pulp, paper and paperboard by image analysis (reaffirmation of ANSI/TAPPI T 568 om-2012)  
PINS Date: Jul 8, 2016 | Public Review Date: Aug 24, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)

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- ▶ ANSI/TAPPI T 569 om-2022, Internal bond strength (Scott type) (revision of ANSI/TAPPI T 569 om-2014)  
PINS Date: Nov 6, 2020 | Public Review Date: Jan 28, 2022 | Final Action Date: Jun 14, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 572 sp-2013 (R2021), Accelerated pollutant aging of printing and writing paper by pollution chamber exposure apparatus (reaffirmation of ANSI/TAPPI T 572 sp-2013)  
PINS Date: Apr 6, 2018 | Public Review Date: Aug 13, 2021 | Final Action Date: Nov 2, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 573 sp-2021, Accelerated temperature aging of printing and writing paper by dry oven exposure apparatus (revision of ANSI/TAPPI T 573 sp-2015)  
PINS Date: Aug 27, 2021 | Public Review Date: Nov 19, 2021 | Final Action Date: Jan 6, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 577 om-2021, Score bend test (new standard)  
PINS Date: Dec 21, 2018 | Public Review Date: Jun 25, 2021 | Final Action Date: Nov 4, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 578 sp-2022, Accelerated light aging of printing and writing paper by xenon-arc exposure apparatus (new standard)  
PINS Date: Mar 27, 2020 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 579 om-2018, Diffuse brightness of paper, paperboard and pulp (d/0) (ultraviolet level D65) (new standard)  
PINS Date: May 6, 2016 | Public Review Date: Nov 24, 2017 | Final Action Date: Jul 10, 2018 | [Approved](#)

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- ▶ ANSI/TAPPI T 580 om-2020, Thickness (Caliper) Of Towel, Tissue, Napkin And Facial Products (new standard)  
PINS Date: Feb 16, 2018 | Public Review Date: Aug 21, 2020 | Final Action Date: Nov 9, 2020 | [Approved](#)

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- ▶ ANSI/TAPPI T 581 om-2022, Dry tensile properties of paper towel and tissue products (using constant rate of elongationapparatus) (new standard)  
PINS Date: Jan 29, 2021 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 600 om-2022, Analysis of formaldehyde in aqueous solutions and of free formaldehyde in resins (new standard)  
PINS Date: May 17, 2019 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 610 sp-2022, Preparation of indicators and standard solutions (new standard)  
PINS Date: May 17, 2019 | Public Review Date: Jan 28, 2022 | Final Action Date: Jun 14, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 646 om-2022, Brightness of clay and other mineral pigments (45/0) (new standard)  
PINS Date: Nov 12, 2021 | Public Review Date: Jan 28, 2022 | Final Action Date: Jul 12, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 648 om-2022, Viscosity of coating clay slurry (revision of ANSI/TAPPI T 648 om-2014)  
PINS Date: Jul 30, 2021 | Public Review Date: Jan 28, 2022 | Final Action Date: Jun 14, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 650 om-2015 (R2021), Solids content of black liquor (reaffirmation of ANSI/TAPPI T 650 om-2015)  
PINS Date: May 10, 2019 | Public Review Date: Aug 27, 2021 | Final Action Date: Nov 4, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 653 om-2022, Specular gloss of paper and paperboard at 20 degrees (new standard)  
PINS Date: Sep 16, 2011 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 657 sp-2021, Sampling of fillers and pigments (revision of ANSI/TAPPI T 657 sp-2012)  
PINS Date: May 1, 2020 | Public Review Date: Mar 26, 2021 | Final Action Date: Jul 14, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 684 om-2022, Gross heating value of black liquor (new standard)  
PINS Date: May 17, 2019 | Public Review Date: Jan 28, 2022 | Final Action Date: Jun 14, 2022 | [Approved](#)

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**TAPPI (Technical Association of the Pulp and Paper Industry)**

- ▶ ANSI/TAPPI T 692 om-2013, Determination of suspended solids in kraft green and white liquors (new standard)  
PINS Date: Jul 27, 2012 | Public Review Date: Nov 16, 2012 | Final Action Date: Jun 12, 2013 | [Approved](#)

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- ▶ ANSI/TAPPI T 702 om-2022, Rheological measurements for characterization of polyolefins: low-density polyethylene (LDPE) for extrusion coating (revision of ANSI/TAPPI T 702 om-2014)  
PINS Date: Jul 30, 2021 | Public Review Date: Mar 11, 2022 | Final Action Date: Jun 14, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 802 om-2022, Drop test for fiberboard shipping containers (new standard)  
PINS Date: Jul 30, 2021 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 804 om-2020, Compression test of fiberboard shipping containers (revision of ANSI/TAPPI T 804 om-20102)  
PINS Date: Jul 31, 2015 | Public Review Date: Mar 6, 2020 | Final Action Date: Jun 9, 2020 | [Approved](#)

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- ▶ ANSI/TAPPI T 809 om-2022, Flat crush of corrugating medium (CMT test) (new standard)  
PINS Date: Jul 30, 2021 | Public Review Date: Sep 16, 2022 | Final Action Date: Nov 8, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 810 om-2022, Bursting strength of corrugated board (new standard)  
PINS Date: Jul 30, 2021 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 812 om-2013 (R2019), Ply separation of solid and corrugated fiberboard (wet) (reaffirmation of ANSI/TAPPI T 812 om-2013)  
PINS Date: Jan 5, 2018 | Public Review Date: Sep 28, 2018 | Final Action Date: Jun 11, 2019 | [Approved](#)

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- ▶ ANSI/TAPPI T 815 om-2012 (R2018), Coefficient of static friction (slide angle) of packaging and packaging materials (including shipping sack papers, corrugated and solid fiberboard) (inclined plane method) (reaffirmation of ANSI/TAPPI T 815 om-2012)  
Public Review Date: Feb 9, 2018 | Final Action Date: Aug 2, 2018 | [Approved](#)

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- ▶ ANSI/TAPPI T 821 om-2012 (R2022), Pin adhesion of corrugated board by selective separation (new standard)  
PINS Date: Jul 30, 2021 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 822 om-2022, Ring crush of paperboard (rigid support method) (new standard)  
PINS Date: Mar 27, 2020 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/TAPPI T 825 om-2014, Flat crush test of corrugated board (rigid support method) (new standard)  
PINS Date: May 10, 2013 | Public Review Date: Oct 4, 2013 | Final Action Date: Jun 11, 2014 | [Approved](#)

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- ▶ ANSI/TAPPI T 826 om-2021, Short span compressive strength of containerboard (revision of ANSI/TAPPI T 826 om-2013)  
PINS Date: Sep 28, 2018 | Public Review Date: Mar 26, 2021 | Final Action Date: Jul 14, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 829 om-2021, Score quality test (new standard)  
PINS Date: May 17, 2019 | Public Review Date: Mar 26, 2021 | Final Action Date: Jul 14, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 830 om-2018, Ink rub test of containerboard and corrugated board (new standard)  
PINS Date: May 29, 2015 | Public Review Date: Nov 17, 2017 | Final Action Date: Jul 10, 2018 | [Approved](#)

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- ▶ ANSI/TAPPI T 831 om-2021, Water absorption of corrugating medium: water drop penetration test (revision of ANSI/TAPPI T 831 om-2014)  
PINS Date: Aug 14, 2020 | Public Review Date: Mar 26, 2021 | Final Action Date: Jul 14, 2021 | [Approved](#)

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- ▶ ANSI/TAPPI T 832 om-2022, Water absorption of corrugating medium: float curl method (revision of ANSI/TAPPI T 832 om-2012)  
PINS Date: Sep 24, 2021 | Public Review Date: Aug 26, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

**TAPPI (Technical Association of the Pulp and Paper Industry)**

- ▶ ANSI/TAPPI T 834 om-2012 (R2018), Determination of containerboard roll hardness (reaffirmation of ANSI/TAPPI T 834 om-2012)  
PINS Date: Jul 29, 2016 | Public Review Date: Apr 6, 2018 | Final Action Date: Dec 31, 2018 | [Approved](#)
- ▶ ANSI/TAPPI T 835 om-2022, Water absorption of corrugating medium: water drop absorption test (revision of ANSI/TAPPI T 835 om-2014)  
PINS Date: May 15, 2020 | Public Review Date: Jan 28, 2022 | Final Action Date: Jun 14, 2022 | [Approved](#)
- ▶ ANSI/TAPPI T 836 om-2020, Bending stiffness, four point method (revision of ANSI/TAPPI T 836 om-2013)  
PINS Date: Sep 28, 2018 | Public Review Date: Aug 14, 2020 | Final Action Date: Nov 3, 2020 | [Approved](#)
- ▶ ANSI/TAPPI T 839 om-2018, Edgewise compressive strength of corrugated fiberboard using the clamp method (short column test) (revision of ANSI/TAPPI T 839 om-2012)  
PINS Date: Aug 5, 2016 | Public Review Date: Mar 2, 2018 | Final Action Date: Jun 12, 2018 | [Approved](#)
- ▶ ANSI/TAPPI T 843 om-2020, Fluted edge crush of corrugating medium (rigid support method) (new standard)  
PINS Date: Sep 28, 2018 | Public Review Date: Mar 6, 2020 | Final Action Date: Jun 9, 2020 | [Approved](#)
- ▶ ANSI/TAPPI T 844 om-2021, Determining construction (nominal basis weight) of corrugated board (new standard)  
PINS Date: Mar 6, 2020 | Public Review Date: Jun 25, 2021 | Final Action Date: Nov 4, 2021 | [Approved](#)
- ▶ ANSI/TAPPI T 845 om-2014 (R2020), Wet pin adhesion of corrugated board by selective separation (reaffirmation of ANSI/TAPPI T 845 om-2014)  
PINS Date: Sep 28, 2018 | Public Review Date: Mar 6, 2020 | Final Action Date: Jun 9, 2020 | [Approved](#)

**TCATA (Textile Care Allied Trades Association)**

27251 Wesley Chapel Boulevard, Suite 311, Wesley Chapel, FL 33544 | w: [www.tcata.org](http://www.tcata.org)

- ▶ ANSI Z8.1-2016 (R2022), Commercial Laundry Equipment and Operations - Safety Requirements (reaffirmation of ANSI Z8.1-2016)  
PINS Date: Mar 26, 2021 | Public Review Date: Dec 24, 2021 | Final Action Date: Sep 20, 2022 | [Approved](#)

**TCIA (ASC A300) (Tree Care Industry Association)**

136 Harvey Road, Suite 101, Londonderry, NH 03053 | w: [www.treecareindustry.org](http://www.treecareindustry.org)

- ▶ ANSI A300 Part 1-2017, Tree, Shrub, and Other Woody Plant Management (Pruning) (revision and redesignation of ANSI A300 Part 1 Pruning-2008 R2014)  
PINS Date: Nov 28, 2014 | Public Review Date: Aug 19, 2016 | Final Action Date: Jan 10, 2017 | [Approved](#)
- ▶ ANSI A300 Part 10-2016, Tree Care Operations - Tree, Shrub, and Other Woody Plant Management - Standard Practices (Integrated Pest Management) (new standard)  
PINS Date: Jul 1, 2011 | Public Review Date: Jul 24, 2015 | Final Action Date: Feb 11, 2016 | [Approved](#)
- ▶ ANSI A300 Part 2-2018, Tree, Shrub, and Other Woody Plant Management - Standard Practices (Soil Management a. Assessment, b. Modification, c. Fertilization, and d. Drainage) (revision of ANSI A300 Part 2-2011)  
PINS Date: Nov 20, 2015 | Public Review Date: May 4, 2018 | Final Action Date: Aug 10, 2018 | [Approved](#)
- ▶ ANSI A300 Part 3-2013, Tree Care Operations - Tree, Shrub, and Other Woody Plant Management - Standard Practices (Supplemental Support Systems) (revision of ANSI A300 Part 3-2006)  
PINS Date: Jun 17, 2011 | Public Review Date: Dec 21, 2012 | Final Action Date: May 6, 2013 | [Approved](#)
- ▶ ANSI A300 Part 4-2014, Tree Care Operations - Tree, Shrub, and Other Woody Plant Management - Standard Practices (Lightning Protection Systems) (revision of ANSI A300 Part 4-2008)  
PINS Date: Jul 1, 2011 | Public Review Date: Jan 3, 2014 | Final Action Date: Mar 7, 2014 | [Approved](#)

**TCIA (ASC A300) (Tree Care Industry Association)**

- ▶ ANSI A300 Part 5-2019, Tree, Shrub and Other Woody Plant Management Standard Practices (Management of Trees and Shrubs During Site Planning, Site Development, and Construction) (revision of ANSI A300 Part 5-2012)  
PINS Date: Jan 20, 2017 | Public Review Date: Dec 7, 2018 | Final Action Date: May 23, 2019 | [Approved](#)
- ▶ ANSI A300 Part 6-2012 (R2018), Tree, Shrub, and Other Woody Plant Management Standard Practices (Planting and Transplanting) (reaffirmation of ANSI A300 Part 6-2012)  
Public Review Date: Dec 15, 2017 | Final Action Date: May 8, 2018 | [Approved](#)
- ▶ ANSI A300 Part 7-2018, Tree, Shrub, and Other Woody Plant Management Standard Practices (Integrated Vegetation Management) (revision of ANSI A300 (Part 7)-2012)  
PINS Date: Jan 20, 2017 | Public Review Date: Apr 27, 2018 | Final Action Date: Aug 10, 2018 | [Approved](#)
- ▶ ANSI A300 Part 8-2019, Tree, Shrub, and Other Woody Plant Management - Standard Practices (Root Management) (revision of ANSI A300 Part 8-2013)  
PINS Date: Jun 15, 2018 | Public Review Date: Jun 14, 2019 | Final Action Date: Mar 2, 2020 | [Approved](#)
- ▶ ANSI A300 Part 9-2017, Tree, Shrub, and Other Woody Plant Management (Tree Risk Assessment a. Tree Failure) (revision of ANSI A300 Part 9-2011)  
PINS Date: Nov 20, 2015 | Public Review Date: Aug 19, 2016 | Final Action Date: Jan 10, 2017 | [Approved](#)

**TCNA (ASC A108) (Tile Council of North America)**

100 Clemson Research Blvd., Anderson, SC 29625 | w: [www.tcnatile.com](http://www.tcnatile.com)

- ▶ ANSI A108.01-2016, General Requirements: Subsurfaces and Preparations by Other Trades (revision of ANSI A108.01-2013)  
PINS Date: Apr 11, 2014 | Public Review Date: Sep 2, 2016 | Final Action Date: Oct 21, 2016 | [Approved](#)
- ▶ ANSI A108.01-2021a, General Requirements: Subsurfaces and Preparations by Other Trades (revision of ANSI A108.01-2021)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)
- ▶ ANSI A108.02-2016, General Requirements: Materials, Environmental, and Workmanship (revision of ANSI A108.02-2013)  
PINS Date: Oct 4, 2013 | Public Review Date: Sep 2, 2016 | Final Action Date: Oct 21, 2016 | [Approved](#)
- ▶ ANSI A108.02-2018, General Requirements: Materials, Environmental, and Workmanship (revision of ANSI A108.02-2016)  
Public Review Date: Sep 28, 2018 | Final Action Date: Nov 6, 2018 | [Approved](#)
- ▶ ANSI A108.02-2019, General Requirements: Materials, Environmental, and Workmanship (revision of ANSI A108.02-2016)  
Public Review Date: Apr 5, 2019 | Final Action Date: Jun 18, 2019 | [Approved](#)
- ▶ ANSI A108.10-2017 (R2022), Installation of Grout in Tilework (reaffirmation of ANSI A108.10-2017)  
Public Review Date: Mar 4, 2022 | Final Action Date: Apr 25, 2022 | [Approved](#)
- ▶ ANSI A108.11-2018, Interior Installation of Cementitious Backer Units (revision of ANSI A108.11-2010 (R2016))  
PINS Date: Nov 11, 2016 | Public Review Date: Sep 28, 2018 | Final Action Date: Nov 6, 2018 | [Approved](#)
- ▶ ANSI A108.12-1999 (R2019), Installation of Ceramic Tile with EGP (Exterior Glue Plywood) Latex-Portland Cement Mortar (reaffirmation of ANSI A108.12-1999 (R2010))  
PINS Date: Dec 21, 2012 | Public Review Date: Aug 2, 2019 | Final Action Date: Sep 18, 2019 | [Approved](#)
- ▶ ANSI A108.13-2005 (R2021), Installation of Load Bearing, Bonded, Waterproof Membranes for Thin-Set Ceramic Tile and Dimension Stone (reaffirmation of ANSI A108.13-2005 (R2016))  
Public Review Date: Dec 25, 2020 | Final Action Date: Feb 11, 2021 | [Approved](#)

**TCNA (ASC A108) (Tile Council of North America)**

- ▶ ANSI A108.14-2021, Installation of Paper-Faced Glass Mosaic Tile (revision of ANSI A108.14-2020)  
PINS Date: Aug 14, 2020 | Public Review Date: Dec 25, 2020 | Final Action Date: Feb 11, 2021 | [Approved](#)
- ▶ ANSI A108.15-2019, Alternate Method: Installation of Paper-Faced Glass Mosaic Tile (revision of ANSI A108.15-2005 (R2016))  
PINS Date: Oct 19, 2018 | Public Review Date: Apr 5, 2019 | Final Action Date: Jun 18, 2019 | [Approved](#)
- ▶ ANSI A108.16-2020, Installation of PaperFaced, BackMounted, EdgeMounted, or Clear Film FaceMounted GlassMosaic Tile (revision of ANSI A108.16-2005 (R2016))  
PINS Date: Oct 19, 2018 | Public Review Date: Jan 3, 2020 | Final Action Date: Feb 25, 2020 | [Approved](#)
- ▶ ANSI A108.17-2005 (R2021), Installation of Crack Isolation Membranes for Thin-Set Ceramic Tile and Dimension Stone (reaffirmation of ANSI A108.17-2005 (R2016))  
Public Review Date: Dec 25, 2020 | Final Action Date: Feb 11, 2021 | [Approved](#)
- ▶ ANSI A108.18-2021, Unmounted Glass Tile Installation (new standard)  
PINS Date: Jul 17, 2009 | Public Review Date: Dec 25, 2020 | Final Action Date: Feb 11, 2021 | [Approved](#)
- ▶ ANSI A108.19-2020, Standard Specifications for Interior Installation of Gauged Porcelain Tiles and Gauged Porcelain Tile Panels/Slabs by the ThinBed Method Bonded with Modified DrySet Cement Mortar or Improved Modified DrySet Cement Mortar (revision of ANSI A108.19-2017)  
PINS Date: Jul 21, 2017 | Public Review Date: Jan 3, 2020 | Final Action Date: Feb 24, 2020 | [Approved](#)
- ▶ ANSI A108.1A-2017 (R2022), Installation of Ceramic Tile in the Wet-Set Method, with Portland Cement Mortar (reaffirmation of ANSI A108.1A-2017)  
Public Review Date: Mar 4, 2022 | Final Action Date: Apr 25, 2022 | [Approved](#)
- ▶ ANSI A108.1B-2017, Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set or Latex-Portland Cement Mortar (revision of ANSI A108.1b-1999 (R2010))  
PINS Date: Nov 11, 2016 | Public Review Date: Mar 31, 2017 | Final Action Date: Aug 21, 2017 | [Approved](#)
- ▶ ANSI A108.1C-1999 (R2021), Contractors Option: Installation of Ceramic Tile in the Wet-Set Method with Portland Cement Mortar or Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set or Latex-Portland Cement Mortar (reaffirmation of ANSI A108.1C-1999 (R2016))  
Public Review Date: Dec 25, 2020 | Final Action Date: Feb 11, 2021 | [Approved](#)
- ▶ ANSI A108.20-2020, Standard Specifications for Exterior Installation of Vertical and Overhead Gauged Porcelain Tiles and Gauged Porcelain Tile Panels/Slabs by the Thin-Bed Method Bonded with Improved Modified Dry-Set Cement Mortar (new standard)  
PINS Date: Jul 21, 2017 | Public Review Date: Jun 5, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)
- ▶ ANSI A108.21-2021, Interior Installation of Flowable Hydraulic Cement Underlayment/Self-Leveling Underlayment (new standard)  
PINS Date: Nov 23, 2018 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 4, 2021 | [Approved](#)
- ▶ ANSI A108.4-2019, Installation of Ceramic Tile with Organic Adhesives or Water Cleanable Tile-Setting Epoxy Adhesive (new standard)  
PINS Date: Dec 21, 2012 | Public Review Date: Aug 2, 2019 | Final Action Date: Sep 18, 2019 | [Approved](#)
- ▶ ANSI A108.5-2021, Setting of Ceramic Tile with Dry-Set Cement Mortar, Modified Dry-Set Cement Mortar, EGP (Exterior Glue Plywood) Modified Dry-Set Cement Mortar, or Improved Modified Dry-Set Cement Mortar (revision of ANSI A108.5-2020)  
PINS Date: Apr 2, 2021 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 3, 2021 | [Approved](#)
- ▶ ANSI A108.6-1999 (R2019), Installation of Ceramic Tile with Chemical Resistant, Water Cleanable Tile-Setting and - Grouting Epoxy (reaffirmation of ANSI A108.6-1999 (R2010))  
Public Review Date: Aug 2, 2019 | Final Action Date: Sep 18, 2019 | [Approved](#)

**TCNA (ASC A108) (Tile Council of North America)**

- ▶ ANSI A108.8-1999 (R2019), Installation of Ceramic Tile with Chemical Resistant Furan Resin Mortar and Grout (reaffirmation of ANSI A108.8-1999 (R2010))  
Public Review Date: Aug 2, 2019 | Final Action Date: Sep 18, 2019 | [Approved](#)
- ▶ ANSI A108.9-1999 (R2019), Installation of Ceramic Tile with Modified Epoxy Emulsion Mortar/Grout (reaffirmation of ANSI A108.9-1999 (R2010))  
Public Review Date: Aug 2, 2019 | Final Action Date: Sep 18, 2019 | [Approved](#)
- ▶ ANSI A118.1-2019, Standard Specifications for Dry-Set Cement Mortar (revision of ANSI A118.1-2018)  
PINS Date: Nov 23, 2018 | Public Review Date: Apr 5, 2019 | Final Action Date: Jun 18, 2019 | [Approved](#)
- ▶ ANSI A118.10-2014 (R2019), Standard Specifications for Load Bearing, Bonded, Waterproof Membrane for Thin-Set Ceramic Tile and Dimension Stone Installation (reaffirmation of ANSI A118.10-2014)  
Public Review Date: Aug 2, 2019 | Final Action Date: Sep 18, 2019 | [Approved](#)
- ▶ ANSI A118.11-2017 (R2022), Standard Specifications for EGP (Exterior Glue Plywood) Modified Dry-set Mortar (reaffirmation of ANSI A118.11-2017)  
Public Review Date: Mar 4, 2022 | Final Action Date: Apr 25, 2022 | [Approved](#)
- ▶ ANSI A118.12-2014 (R2019), Standard Specifications for Crack Isolation Membranes for Thin-Set Ceramic Tile and Dimension Stone Installation (reaffirmation of ANSI A118.12-2014)  
Public Review Date: Aug 2, 2019 | Final Action Date: Sep 18, 2019 | [Approved](#)
- ▶ ANSI A118.13-2014 (R2019), Standard Specifications for Bonded Sound Reduction Membranes for Thin-set Ceramic Tile Installation (reaffirmation of ANSI A118.13-2014)  
Public Review Date: Aug 2, 2019 | Final Action Date: Sep 18, 2019 | [Approved](#)
- ▶ ANSI A118.15-2019, Standard Specifications for Improved Modified Dry-Set Cement Mortar (revision of ANSI A118.15-2018)  
PINS Date: Nov 23, 2018 | Public Review Date: Apr 5, 2019 | Final Action Date: Jun 18, 2019 | [Approved](#)
- ▶ ANSI A118.16-2021, Standard Specifications for Flowable Hydraulic Cement Underlayment/Self-Leveling Underlayment (new standard)  
PINS Date: Nov 23, 2018 | Public Review Date: Sep 17, 2021 | Final Action Date: Nov 4, 2021 | [Approved](#)
- ▶ ANSI A118.3-2021, Standard Specifications for Chemical Resistant, Water Cleanable Tile-Setting and -Grouting Epoxy and Water Cleanable Tile-Setting Epoxy Adhesive (revision of ANSI A118.3-2013)  
PINS Date: Jan 12, 2018 | Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)
- ▶ ANSI A118.4-2019, Standard Specifications for Modified Dry-Set Cement Mortar (revision of ANSI A118.4-2018)  
PINS Date: Nov 23, 2018 | Public Review Date: Apr 5, 2019 | Final Action Date: Jun 18, 2019 | [Approved](#)
- ▶ ANSI A118.5-1999 (R2021), Standard Specifications for Chemical Resistant Furan Mortars and Grouts for Tile Installation (reaffirmation of ANSI A118.5-1999 (R2016))  
Public Review Date: Dec 25, 2020 | Final Action Date: Feb 11, 2021 | [Approved](#)
- ▶ ANSI A118.6-2019, Standard Specifications for Standard Cement Grouts for Tile Installation (revision of ANSI A118.6-2010 (R2016))  
PINS Date: Oct 19, 2018 | Public Review Date: Apr 5, 2019 | Final Action Date: Jun 18, 2019 | [Approved](#)
- ▶ ANSI A118.7-2019, Standard Specifications for High Performance Cement Grouts for Tile Installation (revision of ANSI A118.7-2010 (R2016))  
PINS Date: Oct 19, 2018 | Public Review Date: Apr 5, 2019 | Final Action Date: Jun 18, 2019 | [Approved](#)
- ▶ ANSI A118.8-1999 (R2021), Standard Specifications for Modified Epoxy Emulsion Mortar/Grout (reaffirmation of ANSI A118.8-1999 (R2016))  
Public Review Date: Dec 25, 2020 | Final Action Date: Feb 11, 2021 | [Approved](#)

**TCNA (ASC A108) (Tile Council of North America)**

- ▶ ANSI A118.9-2019, Standard Specifications for Test Methods and Specifications for Cementitious Backer Units (revision of ANSI A118.9-1999 (R2016))  
PINS Date: Oct 19, 2018 | Public Review Date: Apr 5, 2019 | Final Action Date: Jun 21, 2019 | [Approved](#)
- ▶ ANSI A136.1-2020, Standard Specifications for Organic Adhesives for Installation of Ceramic Tile (revision of ANSI A136.1-2008 (R2013))  
PINS Date: Apr 6, 2018 | Public Review Date: Jun 5, 2020 | Final Action Date: Jul 27, 2020 | [Approved](#)
- ▶ ANSI A137.1-2017, Standard Specifications for Ceramic Tile (revision of ANSI A137.1-2012)  
PINS Date: Sep 13, 2013 | Public Review Date: Dec 30, 2016 | Final Action Date: Feb 16, 2017 | [Approved](#)
- ▶ ANSI A137.1-2018, Standard Specifications for Ceramic Tile (revision of ANSI A137.1-2017)  
Public Review Date: Sep 28, 2018 | Final Action Date: Nov 6, 2018 | [Approved](#)
- ▶ ANSI A137.1-2019, Standard Specifications for Ceramic Tile (revision of ANSI A137.1-2018)  
Public Review Date: Feb 2, 2018 | Final Action Date: Jun 14, 2019 | [Approved](#)
- ▶ ANSI A137.1-2022, Standard Specifications for Ceramic Tile (revision of ANSI A137.1-2021)  
Public Review Date: Dec 31, 2021 | Final Action Date: Mar 3, 2022 | [Approved](#)
- ▶ ANSI A137.2-2018, Standard Specification for Glass Tile (revision of ANSI A137.2-2013)  
Public Review Date: Feb 2, 2018 | Final Action Date: Nov 6, 2018 | [Approved](#)
- ▶ ANSI A137.2-2019, Standard Specification for Glass Tile (revision of ANSI A137.2-2013)  
Public Review Date: Feb 2, 2018 | Final Action Date: Jun 14, 2019 | [Approved](#)
- ▶ ANSI A137.2-2021, Standard Specification for Glass Tile (revision of ANSI A137.2-2019)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)
- ▶ ANSI A137.2-2022, Standard Specifications for Glass Tile (revision of ANSI A137.2-2021)  
Public Review Date: Dec 31, 2021 | Final Action Date: Mar 3, 2022 | [Approved](#)
- ▶ ANSI A137.3-2017, Standard Specifications for Gauged Porcelain Tiles and Gauged Porcelain Tile Panels/Slabs (new standard)  
PINS Date: Oct 4, 2013 | Public Review Date: Dec 30, 2016 | Final Action Date: Feb 16, 2017 | [Approved](#)
- ▶ ANSI A137.3-2021, Standard Specifications for Gauged Porcelain Tiles and Gauged Porcelain Tile Panels/Slabs (revision of ANSI A137.3-2017)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)
- ▶ ANSI A137.3-2022, Standard Specifications for Gauged Porcelain Tiles and Gauged Porcelain Tile Panels/Slabs (revision of ANSI A137.3-2021)  
Public Review Date: Mar 4, 2022 | Final Action Date: Apr 25, 2022 | [Approved](#)
- ▶ ANSI A138.1-2011 (R2021), Standard Specifications for Sustainable Ceramic Tiles, Glass Tiles, and Tile Installation Materials (reaffirmation of ANSI A138.1-2011)  
PINS Date: Feb 24, 2012 | Public Review Date: Dec 25, 2020 | Final Action Date: Feb 11, 2021 | [Approved](#)
- ▶ ANSI A326.3-2017, Test Method for Measuring Dynamic Coefficient of Friction of Hard Surface Flooring Materials (new standard)  
PINS Date: Apr 15, 2016 | Public Review Date: Sep 16, 2016 | Final Action Date: Mar 22, 2017 | [Approved](#)
- ▶ ANSI A326.3-2021, Standard Test Method for Measuring Dynamic Coefficient of Friction of Hard Surface Flooring Materials (revision of ANSI A326.3-2017)  
Public Review Date: Jul 9, 2021 | Final Action Date: Oct 15, 2021 | [Approved](#)

**TIA (Telecommunications Industry Association)**

1320 North Courthouse Road, Suite 200, Arlington, VA 22201-2598 | w: [www.tiaonline.org](http://www.tiaonline.org)

- ▶ ANSI J-STD-036-C-2-2017, Enhanced Wireless 9-1-1 Phase II (addenda to ANSI J-STD-036-C-2011)  
PINS Date: Oct 28, 2016 | Public Review Date: Apr 21, 2017 | Final Action Date: Jun 19, 2017 | [Approved](#)
- ▶ ANSI/TIA 10-2019, Interference Criteria for Microwave Systems (new standard)  
PINS Date: Aug 3, 2018 | Public Review Date: Mar 15, 2019 | Final Action Date: May 23, 2019 | [Approved](#)
- ▶ ANSI/TIA 1005-A-1-2015, Telecommunications Infrastructure Standard for Industrial Premises Addendum 1, M12-8 X-coding Connector (addenda to ANSI/TIA 1005-A-2012)  
PINS Date: Jan 24, 2014 | Public Review Date: Aug 15, 2014 | Final Action Date: Jan 7, 2015 | [Approved](#)
- ▶ ANSI/TIA 1005-A-2012 (R2020), Telecommunications Infrastructure Standard For Industrial Premises (reaffirmation of ANSI/TIA 1005-A-2012)  
PINS Date: Jul 19, 2019 | Public Review Date: Sep 27, 2019 | Final Action Date: Mar 17, 2020 | [Approved](#)
- ▶ ANSI/TIA 102.AAAB-B-2019, 102.AAAB-B Security Services Overview (new standard)  
PINS Date: Jul 13, 2018 | Public Review Date: Aug 31, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)
- ▶ ANSI/TIA 102.AABA-C-2019, Project 25 - Trunking Overview (revision and redesignation of ANSI/TIA 102.AABA-B-2011)  
PINS Date: Aug 4, 2017 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 26, 2019 | [Approved](#)
- ▶ ANSI/TIA 102.AABC-D-1-2016, Trunking Control Channel Messages Addendum 1 (addenda to ANSI/TIA 102.AABC-D-2015)  
PINS Date: Mar 4, 2016 | Public Review Date: Jun 24, 2016 | Final Action Date: Nov 7, 2016 | [Approved](#)
- ▶ ANSI/TIA 102.AABC-D-2-2017, Trunking Control Channel Messages Addendum 2- Vehicle Sensed Emergency (addenda to ANSI/TIA 102.AABC-D-1-2016)  
PINS Date: Jul 7, 2017 | Public Review Date: Aug 18, 2017 | Final Action Date: Nov 15, 2017 | [Approved](#)
- ▶ ANSI/TIA 102.AABC-D-3-2018, Trunking Control Channel Messages Addendum 3 - Accessory Sensed Emergency (addenda to ANSI/TIA 102.AABC-D-1-2016)  
PINS Date: Nov 10, 2017 | Public Review Date: Mar 16, 2018 | Final Action Date: May 8, 2018 | [Approved](#)
- ▶ ANSI/TIA 102.AABC-E-2019, Trunking Control Channel Messages (revision and redesignation of ANSI/TIA 102.AABC-D-2015)  
PINS Date: Nov 10, 2017 | Public Review Date: Nov 2, 2018 | Final Action Date: Apr 16, 2019 | [Approved](#)
- ▶ ANSI/TIA 102.AACA-A-1-2020, Project 25Digital RadioOver-The-Air-Rekeying (OTAR) Messages and Procedures Addendum 1 (addenda to ANSI/TIA 102.AACA-A-2014)  
PINS Date: Mar 8, 2019 | Public Review Date: Nov 22, 2019 | Final Action Date: Nov 6, 2020 | [Approved](#)
- ▶ ANSI/TIA 102.AACA-A-2014, Project 25 Digital Radio Over-The-Air-Rekeying (OTAR) Messages and Procedures (new standard)  
PINS Date: May 3, 2013 | Public Review Date: Jun 13, 2014 | Final Action Date: Sep 10, 2014 | [Approved](#)
- ▶ ANSI/TIA 102.BAAA-B-2017, FDMA - Common Air Interface (revision and redesignation of ANSI/TIA 102.BAAA-A-2003 (R2013))  
PINS Date: Apr 17, 2015 | Public Review Date: Apr 28, 2017 | Final Action Date: Jun 19, 2017 | [Approved](#)
- ▶ ANSI/TIA 102.BAAC-D-2017, Common Air Interface Reserved Values (revision and redesignation of ANSI/TIA 102.BAAC-C-2011)  
PINS Date: Feb 26, 2016 | Public Review Date: Apr 28, 2017 | Final Action Date: Jun 19, 2017 | [Approved](#)

**TIA (Telecommunications Industry Association)**

- ▶ ANSI/TIA 102.BAAD-B-2015, Conventional Procedures (new standard)  
PINS Date: May 3, 2013 | Public Review Date: May 1, 2015 | Final Action Date: Jul 28, 2015 | [Approved](#)

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- ▶ ANSI/TIA 102.BABA-A-2014, Vocoder Description (revision and redesignation of ANSI/TIA 102.BABA-1998 (R2009))  
Public Review Date: Sep 6, 2013 | Final Action Date: Jan 27, 2014 | [Approved](#)

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- ▶ ANSI/TIA 102.BAEA-C-2015, Data Overview and Specification (revision and redesignation of ANSI/TIA 102.BAEA-B-2012)  
PINS Date: May 29, 2015 | Public Review Date: Jul 31, 2015 | Final Action Date: Dec 9, 2015 | [Approved](#)

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- ▶ ANSI/TIA 102.BAEB-C-2019, IP Data Bearer Service Specification (revision and redesignation of ANSI/TIA 102.BAEB-B-2014)  
PINS Date: Jul 5, 2019 | Public Review Date: Aug 16, 2019 | Final Action Date: Dec 16, 2019 | [Approved](#)

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- ▶ ANSI/TIA 102.BAED-A-2019, Packet Data Logical Link Control Procedures (revision and redesignation of ANSI/TIA 102.BAED-2013)  
PINS Date: Jul 13, 2018 | Public Review Date: Aug 31, 2018 | Final Action Date: Apr 12, 2019 | [Approved](#)

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- ▶ ANSI/TIA 102.BAEE-C-2015, Radio Management Protocols (revision and redesignation of ANSI/TIA 102.BAEE-B-2010)  
PINS Date: May 29, 2015 | Public Review Date: Jul 31, 2015 | Final Action Date: Dec 9, 2015 | [Approved](#)

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- ▶ ANSI/TIA 102.BAEF-A-2019, Packet Data Host Network Interface (revision and redesignation of ANSI/TIA 102.BAEF-2013)  
PINS Date: Jul 13, 2018 | Public Review Date: Aug 31, 2018 | Final Action Date: Feb 7, 2019 | [Approved](#)

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- ▶ ANSI/TIA 102.BAEG-A-2019, Mobile Data Peripheral Interface (revision and redesignation of ANSI/TIA 102.BAEG-2013)  
PINS Date: Feb 16, 2018 | Public Review Date: Dec 28, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ ANSI/TIA 102.BAEJ-A-2019, Conventional Management Service Specification for Packet Data (revision and redesignation of ANSI/TIA 102.BAEJ-2013)  
PINS Date: Jun 1, 2018 | Public Review Date: Dec 28, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ ANSI/TIA 102.BAJB-B-2019, Tier 1 Location Services Specification (revision and redesignation of ANSI/TIA 102.BAJB-A-2014)  
PINS Date: Jul 5, 2019 | Public Review Date: Aug 16, 2019 | Final Action Date: Dec 9, 2019 | [Approved](#)

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- ▶ ANSI/TIA 102.BAJC-B-2019, Tier 2 Location Services Specification (revision and redesignation of ANSI/TIA 102.BAJC-A-2015)  
PINS Date: Sep 8, 2017 | Public Review Date: Dec 28, 2018 | Final Action Date: Mar 8, 2019 | [Approved](#)

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- ▶ ANSI/TIA 102.CAAA-C-1-2010, Digital C4FM/CQPSK Transceiver Measurement Methods - Addendum 1 - Faded Channel Simulator (addenda to ANSI/TIA 102.CAAA-C-2008)  
PINS Date: Nov 27, 2009 | Public Review Date: Jan 1, 2010 | Final Action Date: Jun 22, 2010 | [Approved](#)

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- ▶ ANSI/TIA 102.CAAA-E-2016, Project 25 Digital C4FM/CQPSK Transceiver Measurement Methods (revision and redesignation of ANSI/TIA 102.CAAA-D-2013)  
Public Review Date: Oct 23, 2015 | Final Action Date: Mar 2, 2016 | [Approved](#)

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- ▶ ANSI/TIA 102.CAAB-D-2013, Land Mobile Radio Transceiver Performance Recommendations, Digital Radio Technology, C4FM/CQPSK Modulation (revision and redesignation of ANSI/TIA 102.CAAB-C-2009)  
PINS Date: May 18, 2012 | Public Review Date: Aug 31, 2012 | Final Action Date: Feb 5, 2013 | [Approved](#)

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- ▶ ANSI/TIA 102.CCAA-B-2016, Project 25, Phase 2 Two-Slot Time Division Multiple Access, Transceiver Measurement Methods (revision and redesignation of ANSI/TIA 102.CCAA-A-2014)  
PINS Date: Sep 4, 2015 | Public Review Date: Oct 23, 2015 | Final Action Date: Mar 17, 2016 | [Approved](#)

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**TIA (Telecommunications Industry Association)**

- ▶ ANSI/TIA 102.CCAB-A-2014, Project 25, Two Slot TDMA, Transceiver Performance Recommendations (new standard)  
PINS Date: Oct 25, 2013 | Public Review Date: Dec 13, 2013 | Final Action Date: Mar 17, 2014 | [Approved](#)

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- ▶ ANSI/TIA 1026-2004, IEC 61282-5 Fibre Optic Communication System Design Guides - Part 5: Accommodation and Compensation of Dispersion (identical national adoption of IEC 61282-5)  
PINS Date: Nov 14, 2003 | Public Review Date: Nov 28, 2003 | Final Action Date: Feb 3, 2004 | [Approved](#)

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- ▶ ANSI/TIA 1048-2005 (R2013), IEC 62005-7: Reliability of Fibre Optic Interconnecting Devices and Passive Components - Part 7: Life Stress Modeling (reaffirm a national adoption ANSI/TIA 1048-2005)  
Public Review Date: Jan 20, 2012 | Final Action Date: Mar 22, 2013 | [Approved](#)

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- ▶ ANSI/TIA 1057-2006 (R2011), Telecommunications - IP Telephony Infrastructure - Link Layer Discovery Protocol for Media Endpoint Devices (reaffirmation of ANSI/TIA 1057-2006)  
PINS Date: Apr 1, 2011 | Public Review Date: Apr 29, 2011 | Final Action Date: Aug 26, 2011 | [Approved](#)

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- ▶ ANSI/TIA 1063-A-2015, Telecommunications - User Premises Equipment - Analog Telephone Port Requirements for Packet-based User Premises Terminal Adapters (revision and redesignation of ANSI/TIA 1063-2007)  
PINS Date: Sep 28, 2012 | Public Review Date: Mar 13, 2015 | Final Action Date: Aug 5, 2015 | [Approved](#)

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- ▶ ANSI/TIA 1083-B-2015, Telecommunications - Communications Products - Handset - Magnetic Measurement Procedures and Performance Requirements (revision and redesignation of ANSI/TIA 1083-A-2010)  
PINS Date: May 24, 2013 | Public Review Date: Sep 11, 2015 | Final Action Date: Oct 26, 2015 | [Approved](#)

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- ▶ ANSI/TIA 1152-A-2016 (R2021), Requirements for Field Test Instruments and Measurements for Balanced Twisted-Pair Cabling (reaffirmation of ANSI/TIA 1152-A-2016)  
PINS Date: Apr 9, 2021 | Public Review Date: May 28, 2021 | Final Action Date: Jul 15, 2021 | [Approved](#)

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- ▶ ANSI/TIA 1179-A-2017, Healthcare Facility Telecommunications Infrastructure Standard (revision and redesignation of ANSI/TIA 1179-2010)  
PINS Date: Jul 3, 2015 | Public Review Date: Mar 17, 2017 | Final Action Date: Aug 21, 2017 | [Approved](#)

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- ▶ ANSI/TIA 1183-1-2016, Measurement Methods and Test Fixtures for Balun-Less Measurements of Balanced Components and Systems, Extending Frequency Capabilities to 2 GHz. (addenda to ANSI/TIA-1183-2012)  
Public Review Date: Oct 30, 2015 | Final Action Date: Jan 12, 2016 | [Approved](#)

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- ▶ ANSI/TIA 1183-A-2017, Measurement Methods and Test Fixtures for Balun-less Measurements of Balanced Components and Systems (revision and redesignation of ANSI/TIA 1183-2012)  
PINS Date: Jan 22, 2016 | Public Review Date: Jul 29, 2016 | Final Action Date: Mar 28, 2017 | [Approved](#)

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- ▶ ANSI/TIA 1194-R1-2011 (R2017), Telecommunications - User Premises Equipment - Surge Resistibility of Smart Grid Equipment Connected to either DC or 120/240 V Single Phase AC and Metallic Communication Lines (reaffirmation of ANSI/TIA 1194-R1-2011)  
Public Review Date: Nov 18, 2016 | Final Action Date: Feb 2, 2017 | [Approved](#)

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- ▶ ANSI/TIA 124-E-2006 (R2011), Wireless Radio Telecommunications Intersystem Non-Signaling Data Communication, DMH( Data Message Handler) (reaffirmation of ANSI/TIA 124-E-2006)  
PINS Date: Jun 11, 2010 | Public Review Date: Nov 5, 2010 | Final Action Date: Feb 11, 2011 | [Approved](#)

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- ▶ ANSI/TIA 222-G-1-2007 (R2016), Structural Standards for Steel Antenna Towers and Antenna Supporting Structures - Addendum 1 (reaffirmation of ANSI/TIA 222-G-1-2007 (R2013))  
Public Review Date: Jun 10, 2016 | Final Action Date: Aug 3, 2016 | [Approved](#)

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- ▶ ANSI/TIA 222-G-2-2009 (R2014), Structural Standards for Steel Antenna Towers and Antenna Supporting Structures- Addendum 2 (reaffirmation of ANSI/TIA 222-G-2-2009)  
Public Review Date: Jul 11, 2014 | Final Action Date: Oct 20, 2014 | [Approved](#)

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**TIA (Telecommunications Industry Association)**

- ▶ ANSI/TIA 222-G-2005 (R2016), Structural Standard for Antenna Supporting Structures and Antennas (reaffirmation of ANSI/TIA 222-G-2005 (R2012))  
Public Review Date: Jun 10, 2016 | Final Action Date: Aug 3, 2016 | [Approved](#)

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- ▶ ANSI/TIA 222-G-3-2014, Structural Standards for Steel Antenna Towers and Antenna Supporting Structures - Addendum 3 (addenda to ANSI/TIA 222-G-2005 (R2012))  
PINS Date: Apr 15, 2011 | Public Review Date: Jul 11, 2014 | Final Action Date: Dec 15, 2014 | [Approved](#)

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- ▶ ANSI/TIA 222-G-4-2014, Structural Standards for Steel Antenna Towers and Antenna Supporting Structures- Addendum 4 (addenda to ANSI/TIA 222-G-2005 (R2012))  
PINS Date: May 23, 2014 | Public Review Date: Jul 11, 2014 | Final Action Date: Dec 15, 2014 | [Approved](#)

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- ▶ ANSI/TIA 222-H-1-2019, Structural Standard For Antenna Supporting Structures, Antennas and Small Wind Turbine Support Structures- Addendum 1 (addenda to ANSI/TIA 222-H-2017)  
PINS Date: Jun 14, 2019 | Public Review Date: Aug 2, 2019 | Final Action Date: Sep 18, 2019 | [Approved](#)

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- ▶ ANSI/TIA 222-H-2017, Structural Standard For Antenna Supporting Structures and Antennas and Small Wind Turbine Support Structures (revision and redesignation of ANSI/TIA 222-G-2005 (R2016))  
PINS Date: Dec 14, 2012 | Public Review Date: Jul 7, 2017 | Final Action Date: Oct 5, 2017 | [Approved](#)

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- ▶ ANSI/TIA 322-2016 (R2020), Loading Criteria, Analysis, and Design Related to the Installation, Alteration and Maintenance of Communication Structures (reaffirmation of ANSI/TIA 322-2016)  
Public Review Date: Sep 6, 2019 | Final Action Date: Nov 11, 2019 | [Approved](#)

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- ▶ ANSI/TIA 41.000-E-9-2012, Mobile Application Part (MAP) Introduction (supplement to ANSI/TIA 41.000-E-2004)  
PINS Date: Oct 21, 2011 | Public Review Date: Dec 23, 2011 | Final Action Date: May 3, 2012 | [Approved](#)

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- ▶ ANSI/TIA 41.200-E-2007 (R2012), Mobile Application Part (MAP) - Intersystem Handoff (reaffirmation of ANSI/TIA 41.200-E-2007)  
Public Review Date: Jul 13, 2012 | Final Action Date: Dec 20, 2012 | [Approved](#)

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- ▶ ANSI/TIA 41.290-E-2007 (R2013), Mobile Application Part (MAP) - Intersystem Handoff - Annex A (reaffirmation of ANSI/TIA 41.290-E-2007)  
Public Review Date: Jul 13, 2012 | Final Action Date: Jan 10, 2013 | [Approved](#)

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- ▶ ANSI/TIA 41.321-E-1 [E]-2012, Mobile Application Part (MAP) - Voice Feature Scenarios: Call Delivery (addenda to ANSI/TIA 41.321-E-2007)  
PINS Date: Nov 7, 2008 | Public Review Date: May 11, 2012 | Final Action Date: Aug 10, 2012 | [Approved](#)

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- ▶ ANSI/TIA 41.321-E-2007 (R2013), Mobile Application Part (MAP): Voice Feature Scenarios: Call Delivery (reaffirmation of ANSI/TIA 41.321-E-2007)  
Public Review Date: Jul 13, 2012 | Final Action Date: Jan 10, 2013 | [Approved](#)

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- ▶ ANSI/TIA 41.322-E-2007 (R2013), Mobile Application Part (MAP) - Voice Feature Scenarios: Call Forwarding (reaffirmation of ANSI/TIA 41.322-E-2007)  
Public Review Date: Jul 13, 2012 | Final Action Date: Jan 10, 2013 | [Approved](#)

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- ▶ ANSI/TIA 41.323-E-2007 (R2013), Mobile Application Part (MAP) - Voice Feature Scenarios: Call Waiting (reaffirmation of ANSI/TIA 41.323-E-2007)  
Public Review Date: Jul 13, 2012 | Final Action Date: Jan 10, 2013 | [Approved](#)

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- ▶ ANSI/TIA 41.324-E-1 [E]-2012, Mobile Application Part (MAP) - Voice Feature Scenarios: Calling Number Identification Presentation, Calling Number Identification Restriction (addenda to ANSI/TIA 41.324-E-2007)  
PINS Date: Nov 7, 2008 | Public Review Date: May 11, 2012 | Final Action Date: Aug 13, 2012 | [Approved](#)

**TIA (Telecommunications Industry Association)**

- ▶ ANSI/TIA 41.324-E-2007 (R2013), MOBILE APPLICATION PART (MAP)-VOICE FEATURE SCENARIOS: Calling Number Identification Presentation, Calling Number Identification Restriction (reaffirmation of ANSI/TIA 41.324-E-2007)  
Public Review Date: Jul 13, 2012 | Final Action Date: Jan 10, 2013 | [Approved](#)
- ▶ ANSI/TIA 41.325-E-2012, Mobile Application Part: Voice Feature Scenarios: Conference Calling (new standard)  
PINS Date: Mar 30, 2007 | Public Review Date: May 11, 2012 | Final Action Date: Aug 10, 2012 | [Approved](#)
- ▶ ANSI/TIA 41.326-E-2012, Mobile Application Part: Voice Feature Scenarios: Do Not Disturb (new standard)  
PINS Date: Mar 30, 2007 | Public Review Date: May 11, 2012 | Final Action Date: Aug 13, 2012 | [Approved](#)
- ▶ ANSI/TIA 41.327-E-2012, Mobile Application Part: Voice Feature Scenarios: Flexible Alerting (new standard)  
PINS Date: Mar 30, 2007 | Public Review Date: May 11, 2012 | Final Action Date: Aug 13, 2012 | [Approved](#)
- ▶ ANSI/TIA 41.328-E-1 [E]-2012, Mobile Application Part (MAP) - Voice Feature Scenarios: Mobile Access Hunting (addenda to ANSI/TIA 41.328-E-2012)  
PINS Date: Nov 7, 2008 | Public Review Date: May 11, 2012 | Final Action Date: Aug 13, 2012 | [Approved](#)
- ▶ ANSI/TIA 41.328-E-2012, Mobile Application Part (MAP) - Voice Feature Scenarios: Mobile Access Hunting (new standard)  
PINS Date: Jun 15, 2007 | Public Review Date: May 11, 2012 | Final Action Date: Aug 13, 2012 | [Approved](#)
- ▶ ANSI/TIA 41.329-E-2012, Mobile Application Part (MAP) - Voice Feature Scenarios: Message Waiting Notification (new standard)  
PINS Date: Jul 13, 2007 | Public Review Date: May 11, 2012 | Final Action Date: Aug 10, 2012 | [Approved](#)
- ▶ ANSI/TIA 41.330-E-2012, Mobile Application Part (MAP) - Voice Feature Scenarios: Password Call Acceptance / Selective Call Acceptance (new standard)  
PINS Date: Oct 5, 2007 | Public Review Date: May 11, 2012 | Final Action Date: Aug 8, 2012 | [Approved](#)
- ▶ ANSI/TIA 41.331-E-2012, Mobile Application Part: Voice Feature Scenarios: Priority Access and Channel Assignment (PACA) (new standard)  
PINS Date: Dec 28, 2007 | Public Review Date: May 11, 2012 | Final Action Date: Aug 8, 2012 | [Approved](#)
- ▶ ANSI/TIA 41.332-E-2012, Mobile Application Part: Voice Feature Scenarios: Remote Feature Control (new standard)  
PINS Date: Dec 28, 2007 | Public Review Date: May 11, 2012 | Final Action Date: Aug 7, 2012 | [Approved](#)
- ▶ ANSI/TIA 41.333-E-2012, Mobile Application Part: Voice Feature Scenarios - Subscriber PIN Access/Subscriber PIN Intercept (new standard)  
PINS Date: Apr 25, 2008 | Public Review Date: May 11, 2012 | Final Action Date: Aug 10, 2012 | [Approved](#)
- ▶ ANSI/TIA 41.334-E-2012, Mobile Application Part: Voice Feature Scenarios - Voice Message Retrieval (new standard)  
PINS Date: Apr 25, 2008 | Public Review Date: May 11, 2012 | Final Action Date: Aug 9, 2012 | [Approved](#)
- ▶ ANSI/TIA 41.335-E-2012, Mobile Application Part (MAP) - Voice Feature Scenarios: Calling Name Presentation, Calling Name Restriction (new standard)  
PINS Date: Jul 11, 2008 | Public Review Date: May 11, 2012 | Final Action Date: Aug 9, 2012 | [Approved](#)
- ▶ ANSI/TIA 41.336-E-2012, Mobile Application Part (MAP) - Voice Feature Scenarios: Wireless Emergency Services (new standard)  
PINS Date: Sep 30, 2011 | Public Review Date: May 11, 2012 | Final Action Date: Aug 9, 2012 | [Approved](#)
- ▶ ANSI/TIA 41.350-E-2012, Mobile Application Part (MAP) - Voice Feature Scenarios: MDN-Based Validation (new standard)  
PINS Date: Sep 30, 2011 | Public Review Date: May 11, 2012 | Final Action Date: Aug 9, 2012 | [Approved](#)

**TIA (Telecommunications Industry Association)**

- ▶ ANSI/TIA 41.371-E-2012, Mobile Application Part (MAP) - Broadcast Teleservice Transport Capability (new standard)  
PINS Date: Nov 23, 2007 | Public Review Date: May 11, 2012 | Final Action Date: Aug 8, 2012 | [Approved](#)

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- ▶ ANSI/TIA 41.372-E-2012, Mobile Application Part (MAP) - Border MSC SMS Scenarios (new standard)  
PINS Date: Oct 28, 2011 | Public Review Date: May 11, 2012 | Final Action Date: Aug 8, 2012 | [Approved](#)

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- ▶ ANSI/TIA 41.400-E-2005 (R2012), Wireless Radiotelecommunications Intersystem Operations: Operations, Administration and Maintenance (reaffirmation of ANSI/TIA 41.400-E-2005)  
Public Review Date: Nov 25, 2011 | Final Action Date: May 3, 2012 | [Approved](#)

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- ▶ ANSI/TIA 41.500-E-2004 (R2010), Mobile Application Part - Introduction to Signaling Protocols (reaffirmation of ANSI/TIA 41.500-E-2004)  
Public Review Date: Aug 21, 2009 | Final Action Date: Sep 1, 2010 | [Approved](#)

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- ▶ ANSI/TIA 41.510-E-2004 (R2010), Mobile Application Part - X.25 Transport Signaling Protocols (reaffirmation of ANSI/TIA 41.510-E-2004)  
Public Review Date: Aug 21, 2009 | Final Action Date: Sep 1, 2010 | [Approved](#)

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- ▶ ANSI/TIA 41.511-E-2004 (R2010), Mobile Application Part - ANS/SS7 Transport Signaling Protocols (reaffirmation of ANSI/TIA 41.511-E-2004)  
Public Review Date: Feb 8, 2013 | Final Action Date: May 28, 2013 | [Approved](#)

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- ▶ ANSI/TIA 41.512-E-2004 (R2010), Mobile Application Part - Parameter Types Signaling Protocols (reaffirmation of ANSI/TIA 41.512-E-2004)  
Public Review Date: Aug 21, 2009 | Final Action Date: Sep 1, 2010 | [Approved](#)

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- ▶ ANSI/TIA 41.520-E-1 [E]-2012, Mobile Application Part (MAP) - TCAP Application Signaling Protocols (addenda to ANSI/TIA 41.520-E-2004 (R2010))  
PINS Date: Apr 13, 2007 | Public Review Date: May 11, 2012 | Final Action Date: Aug 8, 2012 | [Approved](#)

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- ▶ ANSI/TIA 41.520-E-2004 (R2010), Mobile Application Part - TCAP Application Signaling Protocols (reaffirmation of ANSI/TIA 41.520-E-2004)  
Public Review Date: Aug 21, 2009 | Final Action Date: Sep 1, 2010 | [Approved](#)

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- ▶ ANSI/TIA 41.540-E-1 [E]-2012, Mobile Application Part (MAP) - Operations Signaling Protocols (addenda to ANSI/TIA 41.540-E-2004 (R2010))  
PINS Date: Apr 13, 2007 | Public Review Date: May 11, 2012 | Final Action Date: Aug 9, 2012 | [Approved](#)

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- ▶ ANSI/TIA 41.540-E-2004 (R2010), Mobile Application Part - MAP Operations Signaling Protocols (reaffirmation of ANSI/TIA 41.540-E-2004)  
Public Review Date: Aug 21, 2009 | Final Action Date: Sep 1, 2010 | [Approved](#)

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- ▶ ANSI/TIA 41.550-E-1 [E]-2012, Mobile Application Part (MAP) - Parameters Signaling Protocols (addenda to ANSI/TIA 41.550-E-2004 (R2010))  
PINS Date: Apr 13, 2007 | Public Review Date: May 11, 2012 | Final Action Date: Aug 7, 2012 | [Approved](#)

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- ▶ ANSI/TIA 41.550-E-2 [E]-2012, Mobile Application Part (MAP) - Parameters Signaling Protocols (addenda to ANSI/TIA 41.550-E-2004 (R2010))  
PINS Date: Mar 13, 2009 | Public Review Date: May 11, 2012 | Final Action Date: Aug 7, 2012 | [Approved](#)

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- ▶ ANSI/TIA 41.550-E-2004 (R2010), Mobile Application Part - MAP Parameters Signaling Protocols (reaffirmation of ANSI/TIA 41.550-E-2004)  
Public Review Date: Aug 21, 2009 | Final Action Date: Sep 1, 2010 | [Approved](#)

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- ▶ ANSI/TIA 41.550-E-3 [E]-2012, Mobile Application Part (MAP) -PARAMETERS SIGNALING PROTOCOLS (addenda to ANSI/TIA 41.550-E-2004)  
PINS Date: Jun 26, 2009 | Public Review Date: May 11, 2012 | Final Action Date: Aug 7, 2012 | [Approved](#)

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**TIA (Telecommunications Industry Association)**

- ▶ ANSI/TIA 41.551-E-2004 (R2010), Mobile Application Part - Parameter Types Signaling Protocols (reaffirmation of ANSI/TIA 41.551-E-2004)  
Public Review Date: Aug 21, 2009 | Final Action Date: Sep 1, 2010 | [Approved](#)

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- ▶ ANSI/TIA 41.590-E-2004 (R2010), Mobile Application Part - MAP Operations Signaling Protocols (reaffirmation of ANSI/TIA 41.590-E-2004)  
Public Review Date: Aug 21, 2009 | Final Action Date: Sep 1, 2010 | [Approved](#)

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- ▶ ANSI/TIA 41.600-E-2005 (R2012), Wireless Radiotelecommunications Intersystems - Introduction to Procedures (reaffirmation of ANSI/TIA 41.600-E-2005)  
PINS Date: Nov 18, 2011 | Public Review Date: Mar 30, 2012 | Final Action Date: Jun 22, 2012 | [Approved](#)

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- ▶ ANSI/TIA 41.630-E-1 [E]-2012, Mobile Application Part (MAP) - Basic Call Processing (addenda to ANSI/TIA 41.630-E-2005)  
PINS Date: Apr 13, 2007 | Public Review Date: May 11, 2012 | Final Action Date: Aug 2, 2012 | [Approved](#)

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- ▶ ANSI/TIA 41.630-E-2 [E]-2012, Mobile Application Part: Basic Call Processing (addenda to ANSI/TIA 41.630-E-2005)  
Public Review Date: May 11, 2012 | Final Action Date: Aug 2, 2012 | [Approved](#)

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- ▶ ANSI/TIA 41.630-E-2005 (R2012), Wireless Radiotelecommunications Intersystem - Basic Call Procedures (reaffirmation of ANSI/TIA 41.630-E-2005)  
Public Review Date: Nov 25, 2011 | Final Action Date: Apr 12, 2012 | [Approved](#)

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- ▶ ANSI/TIA 41.640-E-1 [E]-2012, Mobile Application Part (MAP) - Intersystem Operations (addenda to ANSI/TIA 41.640-E-2005)  
PINS Date: Apr 13, 2007 | Public Review Date: May 11, 2012 | Final Action Date: Aug 2, 2012 | [Approved](#)

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- ▶ ANSI/TIA 41.640-E-2005 (R2012), Wireless Radiotelecommunications Intersystems - Intersystem Procedures (reaffirmation of ANSI/TIA 41.640-E-2005)  
Public Review Date: Nov 25, 2011 | Final Action Date: May 3, 2012 | [Approved](#)

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- ▶ ANSI/TIA 41.641-E-1 [E]-2012, Mobile Application Part (MAP) - SMS (addenda to ANSI/TIA 41.641-E-2005)  
PINS Date: Apr 13, 2007 | Public Review Date: May 11, 2012 | Final Action Date: Aug 2, 2012 | [Approved](#)

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- ▶ ANSI/TIA 41.641-E-2005 (R2012), Wireless Radiotelecommunications Intersystems - SMS (reaffirmation of ANSI/TIA 41.641-E-2005)  
Public Review Date: Nov 25, 2011 | Final Action Date: Apr 13, 2012 | [Approved](#)

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- ▶ ANSI/TIA 41.642-E-2005 (R2012), Wireless Radiotelecommunications Intersystem - Segmentation (reaffirmation of ANSI/TIA 41.642-E-2005)  
Public Review Date: Nov 25, 2011 | Final Action Date: May 3, 2012 | [Approved](#)

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- ▶ ANSI/TIA 41.650-E-2005 (R2012), Wireless Radiotelecommunications Intersystems - Common Voice Feature Procedures (reaffirmation of ANSI/TIA 41.650-E-2005)  
Public Review Date: Nov 25, 2011 | Final Action Date: May 3, 2012 | [Approved](#)

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- ▶ ANSI/TIA 41.651-E-1 [E]-2012, Mobile Application Part (MAP) - Voice Features (addenda to ANSI/TIA 41.651-E-2005 (R2012))  
PINS Date: Apr 13, 2007 | Public Review Date: May 11, 2012 | Final Action Date: Aug 2, 2012 | [Approved](#)

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- ▶ ANSI/TIA 41.651-E-2005 (R2012), Wireless Radiotelecommunications Intersystems - Voice Features (reaffirmation of ANSI/TIA 41.651-E-2005)  
Public Review Date: Nov 25, 2011 | Final Action Date: May 3, 2012 | [Approved](#)

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- ▶ ANSI/TIA 41.660-E-2005 (R2012), Wireless Radiotelecommunications Intersystem - WIN (reaffirmation of ANSI/TIA 41.660-E-2005)  
Public Review Date: Nov 25, 2011 | Final Action Date: May 3, 2012 | [Approved](#)

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**TIA (Telecommunications Industry Association)**

- ▶ ANSI/TIA 41.690-E-1 [E]-2012, Mobile Application Part (MAP) - Timers (addenda to ANSI/TIA 41.690-E-2005 (R2012))  
PINS Date: Apr 13, 2007 | Public Review Date: May 11, 2012 | Final Action Date: Aug 2, 2012 | [Approved](#)
- ▶ ANSI/TIA 41.690-E-2005 (R2012), Wireless Radiotelecommunications Intersystem - Timers (reaffirmation of ANSI/TIA 41.690-E-2005)  
Public Review Date: Nov 25, 2011 | Final Action Date: May 3, 2012 | [Approved](#)
- ▶ ANSI/TIA 41.691-E-1 [E]-2012, Wireless Radiotelecommunications Intersystem Operations - Annexes (addenda to ANSI/TIA 41.691-E-201x)  
PINS Date: Dec 23, 2011 | Public Review Date: May 4, 2012 | Final Action Date: Aug 14, 2012 | [Approved](#)
- ▶ ANSI/TIA 41.691-E-2 [E]-2012, Mobile Application Part (MAP) - Annexes for the 6XX Series (addenda to BSR/TIA 41.691.E-200x)  
PINS Date: Apr 20, 2007 | Public Review Date: May 11, 2012 | Final Action Date: Aug 2, 2012 | [Approved](#)
- ▶ ANSI/TIA 41.691-E-2013, Mobile Application Part (MAP) Procedure Annexes (new standard)  
PINS Date: Apr 27, 2012 | Public Review Date: Aug 3, 2012 | Final Action Date: Feb 6, 2013 | [Approved](#)
- ▶ ANSI/TIA 41.700-E-2004 (R2010), Mobile Application Part - introduction to WIN Functional Plane (reaffirmation of ANSI/TIA 41.700-E-2004)  
Public Review Date: Aug 21, 2009 | Final Action Date: Sep 1, 2010 | [Approved](#)
- ▶ ANSI/TIA 41.730-E-2004 (R2010), Mobile Application Part - WIN Distributed Plane and Model (reaffirmation of ANSI/TIA 41.730-E-2004)  
Public Review Date: Aug 21, 2009 | Final Action Date: Sep 1, 2010 | [Approved](#)
- ▶ ANSI/TIA 41.750-E-2004 (R2010), Mobile Application Part - SSF/CCF Call and Service Logic Model (reaffirmation of ANSI/TIA 41.750-E-2004)  
Public Review Date: Aug 21, 2009 | Final Action Date: Sep 1, 2010 | [Approved](#)
- ▶ ANSI/TIA 41.790-E-2004 (R2010), Mobile Application Part - Annexes (reaffirmation of ANSI/TIA 41.790-E-2004)  
Public Review Date: Aug 21, 2009 | Final Action Date: Sep 1, 2010 | [Approved](#)
- ▶ ANSI/TIA 440-C-2017, Fiber Optic Terminology (revision and redesignation of ANSI/TIA 440-B-2004 (R2013))  
PINS Date: Jul 5, 2013 | Public Review Date: Mar 17, 2017 | Final Action Date: Jul 12, 2017 | [Approved](#)
- ▶ ANSI/TIA 455-100-A-1989 (R2013), Gas Leakage Test for Gas-Blocked Fiber Optic Cables (reaffirmation of ANSI/TIA 455-100A-1989 (R2005))  
Public Review Date: Jan 20, 2012 | Final Action Date: Mar 22, 2013 | [Approved](#)
- ▶ ANSI/TIA 455-104-B-2016, FOTP 104- Fiber Optic Cable Cyclic Flexing Test (revision and redesignation of ANSI/TIA 455-104-A-1993 (R2013))  
PINS Date: May 22, 2015 | Public Review Date: Nov 6, 2015 | Final Action Date: Feb 3, 2016 | [Approved](#)
- ▶ ANSI/TIA 455-111-B-2022, FOTP-111: IEC 60793-1-34 Optical Fibres Part 1-34: Measurement Methods and Test Procedures Fibre Curl (identical national adoption of IEC 60793-1-34 Optical Fibres and revision of ANSI/TIA 455-111-A-2003)  
PINS Date: Oct 6, 2017 | Public Review Date: Apr 29, 2022 | Final Action Date: Nov 11, 2022 | [Approved](#)
- ▶ ANSI/TIA 455-11D-2010 (R2014), Vibration Test Procedure for Fiber Optic Components and Cables (reaffirmation of ANSI/TIA 455-11D-2010)  
Public Review Date: Jun 27, 2014 | Final Action Date: Dec 5, 2014 | [Approved](#)
- ▶ ANSI/TIA 455-122-C-2020, IEC 60793-1-48: Measurement Methods and Test Procedures-Polarization Mode Dispersion (identical national adoption of IEC 60793-1-48 and revision of ANSI/TIA 455-122-B-2014)  
PINS Date: May 15, 2020 | Public Review Date: Aug 14, 2020 | Final Action Date: Dec 3, 2020 | [Approved](#)

**TIA (Telecommunications Industry Association)**

- ▶ ANSI/TIA 455-123-2000 (R2013), Measurement of Optical Fiber Ribbon Dimensions (reaffirmation of ANSI/TIA 455-123-2000 (R2005))  
Public Review Date: Jun 28, 2013 | Final Action Date: Sep 30, 2013 | [Approved](#)

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- ▶ ANSI/TIA 455-131-1997 (R2013), Measurement of Optical Fiber Ribbon Residual Twist (reaffirmation of ANSI/TIA 455-131-1997 (R2005))  
Public Review Date: Jan 20, 2012 | Final Action Date: Mar 22, 2013 | [Approved](#)

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- ▶ ANSI/TIA 455-141-1999 (R2013), Twist test for optical fiber ribbons (reaffirmation of ANSI/TIA 455-141-1999 (R2005))  
Public Review Date: Nov 2, 2012 | Final Action Date: Aug 2, 2013 | [Approved](#)

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- ▶ ANSI/TIA 455-16-A-2000 (R2014), Salt Spray (Corrosion) Test for Fiber Optic Components (reaffirmation of ANSI/TIA 455-16-A-2000 (R2008))  
Public Review Date: Aug 22, 2014 | Final Action Date: Dec 5, 2014 | [Approved](#)

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- ▶ ANSI/TIA 455-160-A-2003, FOTP160 - IEC 60793-1-50 Optical Fibre - Part 1-50: Measurement Methods and Test Procedures - Damp Heat (Steady State)  
(identical national adoption of IEC 60793-1-50 and revision of ANSI/TIA 455-160-1996 (R2000))  
Public Review Date: Jul 4, 2003 | Final Action Date: Aug 26, 2003 | [Approved](#)

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- ▶ ANSI/TIA 455-160-B-2020, IEC-60793-1-50 Optical Fibres- Part 1-50: Measurement Methods and Test Procedures- Damp Heat (Steady State) (identical national adoption of IEC-60793-1-50)  
PINS Date: May 15, 2020 | Public Review Date: Jul 10, 2020 | Final Action Date: Dec 3, 2020 | [Approved](#)

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- ▶ ANSI/TIA 455-162-A-1999 (R2013), FOTP-162 Optical Fiber Cable Temperature-Humidity Cycling (reaffirmation of ANSI/TIA 455-162A-1999 (R2005))  
Public Review Date: Nov 2, 2012 | Final Action Date: Aug 2, 2013 | [Approved](#)

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- ▶ ANSI/TIA 455-171-B-2019, TIA-455-171B: Attenuation by Substitution Measurement for Short Length Multimode Graded Index and Single-Mode Optical Fiber Cable Assemblies (new standard)  
PINS Date: Aug 28, 2015 | Public Review Date: Aug 24, 2018 | Final Action Date: Mar 1, 2019 | [Approved](#)

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- ▶ ANSI/TIA 455-175-C-2020, IEC-60793-1-42 Optical Fibres – Part 1-42: Measurement Methods and Test Procedures – Chromatic Dispersion (identical national adoption of IEC-60793-1-42)  
PINS Date: May 15, 2020 | Public Review Date: Jul 10, 2020 | Final Action Date: Dec 3, 2020 | [Approved](#)

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- ▶ ANSI/TIA 455-176-B-2020, IEC-60793-1-20 Optical Fibres – Part 1-20: Measurement Methods and Test Procedures – Fibre Geometry (identical national adoption of IEC-60793-1-20)  
PINS Date: May 15, 2020 | Public Review Date: Jul 10, 2020 | Final Action Date: Dec 3, 2020 | [Approved](#)

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- ▶ ANSI/TIA 455-177-B-2003, IEC 60793-1-43 Optical fibres - Part 1-43: Measurement methods and test procedures - Numerical aperture (identical national adoption of IEC 60793-1-43)  
Public Review Date: Jun 6, 2003 | Final Action Date: Aug 6, 2003 | [Approved](#)

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- ▶ ANSI/TIA 455-177-C-2020, IEC-60793-1-43 Optical Fibres – Part 1-43: Measurement Methods and Test Procedures – Numerical Aperture (identical national adoption of IEC-60793-1-43)  
PINS Date: May 15, 2020 | Public Review Date: Jul 10, 2020 | Final Action Date: Dec 3, 2020 | [Approved](#)

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- ▶ ANSI/TIA 455-178-C-2021, FOTP-178 IEC 60793-1-32 Optical Fibres - Part1-32: Measurement Methods and Test Procedures - Coating Strippability (identical national adoption of IEC 60793-1-32)  
PINS Date: Sep 20, 2013 | Public Review Date: Dec 25, 2020 | Final Action Date: Feb 25, 2021 | [Approved](#)

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- ▶ ANSI/TIA 455-183-2000 (R2013), Hydrogen Effects on Optical Fiber Cable (reaffirmation of ANSI/TIA 455-183-2000 (R2005))  
Public Review Date: Nov 2, 2012 | Final Action Date: Aug 2, 2013 | [Approved](#)

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**TIA (Telecommunications Industry Association)**

- ▶ ANSI/TIA 455-184-1991 (R2008), Coupling Proof Overload Test for Fiber Optic Interconnecting Devices (reaffirmation of ANSI/TIA 455-184-1991 (R1999))  
Public Review Date: Sep 14, 2007 | Final Action Date: Apr 21, 2008 | [Approved](#)

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- ▶ ANSI/TIA 455-185-1991 (R2008), Strength of Coupling Mechanism for Fiber Optic Interconnecting Devices (reaffirmation of ANSI/TIA 455-185-1991 (R1999))  
Public Review Date: Sep 14, 2007 | Final Action Date: Apr 21, 2008 | [Approved](#)

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- ▶ ANSI/TIA 455-191-B-2003, FOTP191 - IEC 60793-1-45 Optical Fibres - Part 1-45: Measurement Methods and Test Procedures - Mode Field Diameters (identical national adoption of IEC 60793-1-45 and revision of ANSI/TIA 455-191-A-2001)  
Public Review Date: Jun 27, 2003 | Final Action Date: Nov 26, 2003 | [Approved](#)

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- ▶ ANSI/TIA 455-191-C-2020, Adoption of IEC-60793-1-45 Optical Fibres- Part 1-45: Measurement Methods and Test Procedures- Mode Field Diameter (identical national adoption of IEC-60793-1-45)  
PINS Date: Nov 1, 2019 | Public Review Date: Dec 27, 2019 | Final Action Date: Apr 14, 2020 | [Approved](#)

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- ▶ ANSI/TIA 455-192-1999 (R2013), H-Parameter Test Method for Polarization-Maintaining Optical Fiber (reaffirmation of ANSI/TIA 455-192-1999 (R2005))  
Public Review Date: Jun 28, 2013 | Final Action Date: Sep 30, 2013 | [Approved](#)

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- ▶ ANSI/TIA 455-193-1999 (R2013), Polarization Crosstalk Method for Polarization-Maintaining Optical Fiber and Component (reaffirmation of ANSI/TIA 455-193-1999 (R2005))  
Public Review Date: Jun 28, 2013 | Final Action Date: Sep 30, 2013 | [Approved](#)

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- ▶ ANSI/TIA 455-195-A-2003, FOTP195 - IEC 60793-1-21 Optical Fibres - Part 1-21: Measurement Methods and Test Procedures - Coating Geometry (identical national adoption of IEC 60793-1-21 and revision of ANSI/TIA 455-195-2000)  
Public Review Date: Jun 27, 2003 | Final Action Date: Nov 26, 2003 | [Approved](#)

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- ▶ ANSI/TIA 455-20-B-2004 (R2013), FOTP-20 IEC-60793-1-46 Optical Fibres – Part 1-46: Measurement Methods and Test Procedures- Monitoring of Changes in Optical Transmittance (reaffirm a national adoption ANSI/TIA 455-20-B-2004)  
Public Review Date: Feb 10, 2012 | Final Action Date: Apr 4, 2013 | [Approved](#)

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- ▶ ANSI/TIA 455-203-A-2009 (R2014), Light Source Encircled Flux Measurement Method (reaffirmation of ANSI/TIA 455-203-A-2009)  
Public Review Date: Feb 21, 2014 | Final Action Date: Jun 19, 2014 | [Approved](#)

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- ▶ ANSI/TIA 455-204-A-2013, FOTP-204 - Measurement of Bandwidth on Multimode Fiber (identical national adoption of IEC 60793-1-41)  
PINS Date: Apr 15, 2011 | Public Review Date: Mar 22, 2013 | Final Action Date: Oct 1, 2013 | [Approved](#)

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- ▶ ANSI/TIA 455-212-2000 (R2008), IEC 61290-6-1: Optical Fibre Amplifiers - Basic Specification Part 6-1: Test Methods for Pump Leakage Parameters - Optical Demultiplexer (reaffirm a national adoption ANSI/TIA 455-212-2000)  
Public Review Date: Sep 21, 2007 | Final Action Date: Mar 28, 2008 | [Approved](#)

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- ▶ ANSI/TIA 455-225-2015, FOTP-225 End-Face Image Analysis Procedure for the Calibration of Optical Fibre Geometry Test Sets (identical national adoption of IEC 61745)  
PINS Date: Dec 12, 2014 | Public Review Date: Feb 13, 2015 | Final Action Date: Aug 11, 2015 | [Approved](#)

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- ▶ ANSI/TIA 455-231-2015, FOTP-231 IEC 61315 – Calibration of Fibre-Optic Power Meters (new standard)  
PINS Date: Dec 12, 2014 | Public Review Date: Apr 3, 2015 | Final Action Date: Aug 11, 2015 | [Approved](#)

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- ▶ ANSI/TIA 455-234-2003, FOTP234 - IEC 60793-1-52 Optical Fibres - Part 1-52: Measurement Methods and Test Procedures - Change of Temperature (identical national adoption of IEC 60793-1-52 )  
Public Review Date: Jul 4, 2003 | Final Action Date: Aug 26, 2003 | [Approved](#)

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**TIA (Telecommunications Industry Association)**

- ▶ ANSI/TIA 455-234-A-2018, IEC-60793-1-52 Optical Fibres Part 1-52: Measurement Methods and Test Procedures - Change of Temperature (identical national adoption of IEC-60793-1-52)  
PINS Date: Jun 26, 2015 | Public Review Date: Apr 20, 2018 | Final Action Date: Jul 31, 2018 | [Approved](#)

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- ▶ ANSI/TIA 455-235-2004, FOTP235 - IEC 61280-2-8 Fibre Optic Communication Subsystem Test Procedures - Digital Systems - Part 2-8: Determination of Low BER Using Q-Factor Measurements (identical national adoption of IEC 61280-2-8)  
PINS Date: Nov 14, 2003 | Public Review Date: Nov 28, 2003 | Final Action Date: Feb 3, 2004 | [Approved](#)

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- ▶ ANSI/TIA 455-236-2004, FOTP236 - IEC 61280-2-9 - Fibre Optic Communication Subsystem Test Procedures - Part 2-6: Digital Systems - Optical Signal-to-Noise Ratio Measurement for Dense Wavelength-Division Multiplexed Systems (identical national adoption of IEC 61280-2-9 )  
PINS Date: Nov 14, 2003 | Public Review Date: Nov 28, 2003 | Final Action Date: Feb 3, 2004 | [Approved](#)

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- ▶ ANSI/TIA 455-243-2010 (R2015), FOTP-243 Polarization-Mode Dispersion Measurement for Installed Single-Mode Optical Fibers by Wavelength-Scanning OTDR and States-of-Polarization Analysis (reaffirmation of ANSI/TIA 455-243-2010)  
Public Review Date: Dec 5, 2014 | Final Action Date: Feb 24, 2015 | [Approved](#)

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- ▶ ANSI/TIA 455-244-A-2020, Methods for Measuring the Change in Transmittance of Optical Fibers in Expressed Buffer Tubes When Subjected to Temperature Cycling Revision (revision and redesignation of ANSI/TIA 455-244-2011)  
PINS Date: Jul 5, 2019 | Public Review Date: May 22, 2020 | Final Action Date: Sep 18, 2020 | [Approved](#)

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- ▶ ANSI/TIA 455-25-D-2016, FOTP-25 Impact Testing of Optical Fiber Cables (new standard)  
PINS Date: Jun 27, 2014 | Public Review Date: Jun 5, 2015 | Final Action Date: Feb 3, 2016 | [Approved](#)

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- ▶ ANSI/TIA 455-31-C-1994 (R2013), Proof Testing Optical Fibers by Tension (reaffirmation of ANSI/TIA 455-31C-1994 (R2005))  
Public Review Date: Nov 2, 2012 | Final Action Date: Aug 2, 2013 | [Approved](#)

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- ▶ ANSI/TIA 455-33-B-2005 (R2013), FOTP33 - Optical Fiber Cable Tensile Loading and Bending (reaffirmation of ANSI/TIA 455-33B-2005)  
Public Review Date: Nov 2, 2012 | Final Action Date: Aug 2, 2013 | [Approved](#)

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- ▶ ANSI/TIA 455-35A-1990 (R2008), Fiber Optic Component Dust (Fine Sand (reaffirmation of ANSI/TIA 455-35A-1990 (R1999))  
Public Review Date: Sep 14, 2007 | Final Action Date: Apr 18, 2008 | [Approved](#)

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- ▶ ANSI/TIA 455-37-A-1993 (R2013), Low or High Temperature Bend Test (reaffirmation of ANSI/TIA 455-37A-1993 (R2005))  
Public Review Date: Nov 2, 2012 | Final Action Date: Aug 2, 2013 | [Approved](#)

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- ▶ ANSI/TIA 455-39-B-1999 (R2013), Fiber Optic Cable Water Wicking Test (reaffirmation of ANSI/TIA 455-39B-1999 (R2005))  
Public Review Date: Nov 2, 2012 | Final Action Date: Aug 2, 2013 | [Approved](#)

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- ▶ ANSI/TIA 455-3B-2009 (R2014), Procedure to Measure Temperature Cycling Effects on Optical Fiber Units, Optical Cable, and Other Passive Fiber Optic components (reaffirmation of ANSI/TIA 455-3B-2009)  
Public Review Date: Feb 21, 2014 | Final Action Date: Aug 8, 2014 | [Approved](#)

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- ▶ ANSI/TIA 455-56C-2009 (R2017), Test Method for Evaluating Fungus Resistance of Optical Fiber and Cable (reaffirmation of ANSI/TIA 455-56C-2009)  
Public Review Date: Mar 11, 2016 | Final Action Date: Feb 16, 2017 | [Approved](#)

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- ▶ ANSI/TIA 455-57-B-1994 (R2013), Preparation and Examination of Optical Fiber Endface for Testing Purposes (reaffirmation of ANSI/TIA 455-57-B-1994 (R2005))  
Public Review Date: Nov 2, 2012 | Final Action Date: Aug 2, 2013 | [Approved](#)

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**TIA (Telecommunications Industry Association)**

- ▶ ANSI/TIA 455-62-C-2020, IEC-60793-1-47 Optical Fibres – Part 1-47: Measurement Methods and Test Procedures – Macrobending Loss (identical national adoption of IEC-60793-1-47)  
PINS Date: May 15, 2020 | Public Review Date: Jul 10, 2020 | Final Action Date: Dec 3, 2020 | [Approved](#)
- ▶ ANSI/TIA 455-67-A-2003, FOTP67 - IEC 60793-1-51 Optical Fibres - Part 1-51: Measurement Methods and Test Procedures - Dry Heat (identical national adoption of IEC 60793-1-51 and revision of ANSI/TIA 455-67-1996 (R2000))  
Public Review Date: Jul 4, 2003 | Final Action Date: Aug 26, 2003 | [Approved](#)
- ▶ ANSI/TIA 455-67-B-2020, IEC-60793-1-51 Optical Fibres- Part 1-51: Measurement Methods and Test Procedures- Dry Heat (identical national adoption of IEC-60793-1-51)  
PINS Date: May 15, 2020 | Public Review Date: Jul 10, 2020 | Final Action Date: Dec 3, 2020 | [Approved](#)
- ▶ ANSI/TIA 455-71-A-1999 (R2014), Procedure to Measure Temperature-Shock Effects on Fiber Optic Components (reaffirmation of ANSI/TIA 455-71-A-1999 (R2008))  
Public Review Date: Aug 22, 2014 | Final Action Date: Dec 5, 2014 | [Approved](#)
- ▶ ANSI/TIA 455-74-A-2003, FOTP74 - IEC 60793-1-53 Optical Fibres Part 1-53: Measurement Methods and Test Procedures - Water Immersion (identical national adoption of IEC 60793-1-53 and revision of ANSI/TIA 455-74-1996 (R2001))  
Public Review Date: Jul 4, 2003 | Final Action Date: Aug 26, 2003 | [Approved](#)
- ▶ ANSI/TIA 455-74-B-2020, IEC-60793-1-53 Optical Fibres- Part 1-53: Measurement Methods and Test Procedures- Water Immersion (identical national adoption of IEC-60793-1-53)  
PINS Date: May 15, 2020 | Public Review Date: Jul 10, 2020 | Final Action Date: Dec 3, 2020 | [Approved](#)
- ▶ ANSI/TIA 455-78-C-2020, IEC 60793-1-40 Optical Fibres - Part 1-40: Measurement Methods and Test Procedures – Attenuation (identical national adoption of IEC 60793-1-40)  
PINS Date: Jun 26, 2015 | Public Review Date: Jul 10, 2020 | Final Action Date: Dec 3, 2020 | [Approved](#)
- ▶ ANSI/TIA 455-80-D-2020, FOTP-80 IEC-60793-1-44 Measurement Methods and Test Procedures- Cut-off Wavelength (identical national adoption of IEC-60793-1-44)  
PINS Date: Sep 20, 2013 | Public Review Date: Jul 10, 2020 | Final Action Date: Dec 15, 2020 | [Approved](#)
- ▶ ANSI/TIA 455-82-C-2020, FOTP-82 - Fluid Penetration Test for Fluid-Blocked Fiber Optic Cable (new standard)  
PINS Date: Dec 28, 2018 | Public Review Date: Nov 1, 2019 | Final Action Date: Apr 7, 2020 | [Approved](#)
- ▶ ANSI/TIA 455-85-A-1992 (R2013), Fiber Optic Cable Twist Test (reaffirmation of ANSI/TIA 455-85A-1992 (R2005))  
Public Review Date: Nov 2, 2012 | Final Action Date: Aug 2, 2013 | [Approved](#)
- ▶ ANSI/TIA 455-86-A-2014, Fiber Optic Cable Jacket Shrinkage (revision and redesignation of ANSI/TIA 455-86-1983 (R2005))  
PINS Date: Nov 22, 2013 | Public Review Date: Sep 19, 2014 | Final Action Date: Dec 5, 2014 | [Approved](#)
- ▶ ANSI/TIA 455-87-B-1993 (R2013), Fiber Optic Cable Knot Test (reaffirmation of ANSI/TIA 455-87B-1993 (R2005))  
Public Review Date: Jan 20, 2012 | Final Action Date: Mar 22, 2013 | [Approved](#)
- ▶ ANSI/TIA 455-95-B-2019, Absolute Optical Power Test for Optical Fibers and Cables (new standard)  
PINS Date: Jul 7, 2017 | Public Review Date: Aug 18, 2017 | Final Action Date: Feb 15, 2019 | [Approved](#)
- ▶ ANSI/TIA 455-C-2014, Standard Test Procedure for Fiber Optic Fibers, Cables, Transducers, Sensors, Connecting and Terminating Devices, and Other Fiber Optic Components (new standard)  
PINS Date: Feb 7, 2014 | Public Review Date: Mar 28, 2014 | Final Action Date: Aug 15, 2014 | [Approved](#)
- ▶ ANSI/TIA 470.000-E-2014, Telecommunications - Telephone Terminal Equipment - Overview of Performance Standards for Analog Telephones (new standard)  
PINS Date: Oct 25, 2013 | Public Review Date: Dec 13, 2013 | Final Action Date: Mar 11, 2014 | [Approved](#)

**TIA (Telecommunications Industry Association)**

- ▶ ANSI/TIA 470.110-E-2018, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Analog Telephones with Handsets (revision and redesignation of ANSI/TIA 470.110-D-2014)  
PINS Date: Nov 4, 2016 | Public Review Date: Oct 20, 2017 | Final Action Date: Jan 17, 2018 | [Approved](#)

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- ▶ ANSI/TIA 470.112-2013, Telecommunications – Telephone Terminal Equipment – Transmission Requirements for Wideband Analog Telephones with Handsets (new standard)  
PINS Date: Dec 21, 2012 | Public Review Date: Oct 4, 2013 | Final Action Date: Nov 26, 2013 | [Approved](#)

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- ▶ ANSI/TIA 470.120-D-2017, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Analog Speakerphones (revision and redesignation of ANSI/TIA 470.120-C-2011)  
PINS Date: Apr 15, 2016 | Public Review Date: Feb 10, 2017 | Final Action Date: Jun 19, 2017 | [Approved](#)

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- ▶ ANSI/TIA 470.122-2013, Telecommunications – Telephone Terminal Equipment – Transmission Requirements for Wideband Analog Telephones with Handsets (new standard)  
PINS Date: Dec 21, 2012 | Public Review Date: Sep 27, 2013 | Final Action Date: Nov 26, 2013 | [Approved](#)

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- ▶ ANSI/TIA 470.130-C-2008 (R2016), Telecommunications - Telephone Terminal Equipment - Headset Acoustic Performance Requirements for Analog Telephones with Headsets (reaffirmation of ANSI/TIA 470.130-C-2008)  
Public Review Date: Oct 30, 2015 | Final Action Date: May 3, 2016 | [Approved](#)

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- ▶ ANSI/TIA 470.132-2013, Telecommunications – Telephone Terminal Equipment – Transmission Requirements for Wideband Analog Telephones with Headsets (new standard)  
PINS Date: Dec 21, 2012 | Public Review Date: Sep 27, 2013 | Final Action Date: Dec 2, 2013 | [Approved](#)

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- ▶ ANSI/TIA 470.140-2018, Acoustic echo control requirements for analog telephones (new standard)  
PINS Date: Jul 28, 2017 | Public Review Date: Jun 8, 2018 | Final Action Date: Sep 20, 2018 | [Approved](#)

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- ▶ ANSI/TIA 470.210-F-2016, Telecommunications - Telephone Terminal Equipment - Resistance and Impedance Performance Requirements for Analog Telephones (revision and redesignation of ANSI/TIA 470.210-E-2013)  
PINS Date: Oct 30, 2015 | Public Review Date: Apr 8, 2016 | Final Action Date: Jun 16, 2016 | [Approved](#)

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- ▶ ANSI/TIA 470.220-E-2016, Telecommunications - Telephone Terminal Equipment - Alerter Acoustic Output Performance Requirements for Analog Telephones (revision and redesignation of ANSI/TIA 470.220-D-2014)  
Public Review Date: Apr 8, 2016 | Final Action Date: Jun 17, 2016 | [Approved](#)

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- ▶ ANSI/TIA 470.230-D-2017, Telecommunications - Telephone Terminal Equipment - Network Signaling Performance Requirements (revision and redesignation of ANSI/TIA 470.230-C-2005 (R2012))  
PINS Date: Nov 4, 2016 | Public Review Date: Aug 18, 2017 | Final Action Date: Oct 11, 2017 | [Approved](#)

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- ▶ ANSI/TIA 470.310-D-2010 (R2016), Telecommunications - Telephone Terminal Equipment - Cordless Telephone - Range Measurement Procedures (reaffirmation of ANSI/TIA 470.310-D-2010)  
Public Review Date: Oct 30, 2015 | Final Action Date: May 3, 2016 | [Approved](#)

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- ▶ ANSI/TIA 492AAAF-2020, Detail Specification for Class 1a graded-index multimode optical fibers; Modification of IEC 60793-2-10:2017, Optical fibres - Part 2-10: Product specifications - Sectional specification for category A1 multimode fibres (national adoption with modifications of IEC 60793-2-10:2017)  
PINS Date: Aug 10, 2018 | Public Review Date: Dec 27, 2019 | Final Action Date: Apr 20, 2020 | [Approved](#)

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- ▶ ANSI/TIA 492CAAC-2020, Detail Specification for class IVA Dispersion Unshifted Singlemode Optical Fibers with Iwater peak; Modification of IEC 60793250:2015, Optical fibres Part 250: Productspecifications – Sectional specification for class B singlemode fibres (national adoption with modifications of IEC 60793-2-50:2015)  
PINS Date: Jul 5, 2019 | Public Review Date: Dec 27, 2019 | Final Action Date: Apr 27, 2020 | [Approved](#)

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- ▶ ANSI/TIA 4950-B-2020, Requirements for battery-Powered, Portable Land Mobile Radio Applications in Class I, II, III, Division I, Hazardous (Classified) Locations (revision and redesignation of ANSI/TIA 4950-A-2014)  
PINS Date: Apr 10, 2020 | Public Review Date: Jun 5, 2020 | Final Action Date: Jul 21, 2020 | [Approved](#)

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**TIA (Telecommunications Industry Association)**

- ▶ ANSI/TIA 4953-B-2018, Telecommunications Communications Products Amplified Telephone Measurement Procedures and Performance Requirements (revision and redesignation of ANSI/TIA 4953-A-2015)  
PINS Date: Jun 24, 2016 | Public Review Date: Nov 3, 2017 | Final Action Date: Jan 17, 2018 | [Approved](#)

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- ▶ ANSI/TIA 4957.000-A-2017, Overview and Architecture for a Field Area Network (revision and redesignation of ANSI/TIA 4957.000-2010)  
PINS Date: Aug 7, 2015 | Public Review Date: Nov 18, 2016 | Final Action Date: Apr 6, 2017 | [Approved](#)

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- ▶ ANSI/TIA 4957.100-A-2017, Layer 1 Standard Specification for the Smart Utility Network (revision and redesignation of ANSI/TIA 4957.100-2013)  
PINS Date: Aug 7, 2015 | Public Review Date: Nov 18, 2016 | Final Action Date: Apr 20, 2017 | [Approved](#)

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- ▶ ANSI/TIA 4957.200-A-2017, Layer 2 Standard Specification for the Smart Utility Network (revision and redesignation of ANSI/TIA 4957.200-2013)  
PINS Date: Oct 18, 2013 | Public Review Date: Nov 18, 2016 | Final Action Date: Jul 11, 2017 | [Approved](#)

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- ▶ ANSI/TIA 4957.210-B-2021, TR-51 Multi-hop Sublayer Specification - Extension on Field Area Networks (revision and redesignation of ANSI/TIA 4957.210-A-2017)  
PINS Date: Aug 18, 2017 | Public Review Date: Jun 18, 2021 | Final Action Date: Sep 27, 2021 | [Approved](#)

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- ▶ ANSI/TIA 4957.300-A-2017, Layer 3 Specification for the Field Area Network (revision and redesignation of ANSI/TIA 4957.300-2013)  
PINS Date: Aug 7, 2015 | Public Review Date: Nov 18, 2016 | Final Action Date: Apr 11, 2017 | [Approved](#)

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- ▶ ANSI/TIA 4957.400-A-2017, Layer 4 Specification for the Field Area Network (revision and redesignation of ANSI/TIA 4957.400-2013)  
PINS Date: Aug 7, 2015 | Public Review Date: Nov 18, 2016 | Final Action Date: Apr 11, 2017 | [Approved](#)

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- ▶ ANSI/TIA 4957.500-2017, Smart Utility Network-Security (new standard)  
PINS Date: Feb 19, 2016 | Public Review Date: Nov 18, 2016 | Final Action Date: Apr 6, 2017 | [Approved](#)

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- ▶ ANSI/TIA 4963-2013, Electrical Characteristics of Reversible Balanced Voltage Digital Interface Circuits (new standard)  
PINS Date: Sep 23, 2011 | Public Review Date: Jul 27, 2012 | Final Action Date: Mar 26, 2013 | [Approved](#)

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- ▶ ANSI/TIA 4965-2012 (R2017), Telecommunications - Telephone Terminal Equipment - Receive Volume Control Requirements for Digital and Analog Wireline Terminals (reaffirmation of ANSI/TIA 4965-2012)  
Public Review Date: Nov 11, 2016 | Final Action Date: Feb 16, 2017 | [Approved](#)

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- ▶ ANSI/TIA 4966-1-2017, Telecommunications Infrastructure Standard for Educational Facilities, Addendum 1: Updated References, Accommodation of New Media Types (addenda to ANSI/TIA 4966-2014)  
PINS Date: Mar 10, 2017 | Public Review Date: Jul 7, 2017 | Final Action Date: Oct 27, 2017 | [Approved](#)

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- ▶ ANSI/TIA 4966-A-2022, Telecommunications Infrastructure Standard for Educational Facilities (revision and redesignation of ANSI/TIA 4966-2014)  
PINS Date: Nov 2, 2018 | Public Review Date: Dec 17, 2021 | Final Action Date: Feb 3, 2022 | [Approved](#)

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- ▶ ANSI/TIA 5017-2016, Telecommunications - Physical Network Security Standard (new standard)  
PINS Date: Jul 4, 2014 | Public Review Date: Dec 25, 2015 | Final Action Date: Feb 19, 2016 | [Approved](#)

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- ▶ ANSI/TIA 5041-2016, FAST Digital IF Architecture and Open Standard Digital IF Interfaces (new standard)  
PINS Date: Aug 14, 2015 | Public Review Date: Jan 1, 2016 | Final Action Date: Apr 20, 2016 | [Approved](#)

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- ▶ ANSI/TIA 5045-2017, Numeric Identifier for Conventional Analog Operation (new standard)  
PINS Date: Mar 4, 2016 | Public Review Date: Apr 7, 2017 | Final Action Date: Jun 22, 2017 | [Approved](#)

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**TIA (Telecommunications Industry Association)**

- ▶ ANSI/TIA 5048-1-2021, Automated infrastructure management (AIM) systems Requirements, data exchange and applications, Addendum 1: Adoption of ISO/IEC 18598 AMD1 ED1 (addenda to ANSI/TIA 5048-2017)  
PINS Date: Nov 13, 2020 | Public Review Date: Feb 26, 2021 | Final Action Date: Jun 11, 2021 | [Approved](#)
- ▶ ANSI/TIA 5048-2017, Automated Infrastructure Management (AIM) Systems - Requirements, Data Exchange and Applications (national adoption with modifications of ISO/IEC 18598)  
PINS Date: Oct 28, 2016 | Public Review Date: Mar 3, 2017 | Final Action Date: Jun 22, 2017 | [Approved](#)
- ▶ ANSI/TIA 5050-2018, Telecommunications, Communications Products, Receive Volume Control Requirements for Wireless (Mobile) Devices (new standard)  
PINS Date: Nov 4, 2016 | Public Review Date: Aug 25, 2017 | Final Action Date: Jan 17, 2018 | [Approved](#)
- ▶ ANSI/TIA 5071-2022, Requirements for Field Test Instruments and Measurements for Balanced Single Twisted-Pair Cabling (new standard)  
PINS Date: Oct 11, 2019 | Public Review Date: Apr 15, 2022 | Final Action Date: Jun 16, 2022 | [Approved](#)
- ▶ ANSI/TIA 526-14-D-2023, Optical Power Loss Measurement of Installed Multimode Fiber Cable Plant; IEC 61280-4-1 edition 3, Fiber-Optic Communications Subsystem Test Procedures - Part 4-1: Installed Cable Plant - Multimode Attenuation Measurement (national adoption of IEC 61280-4-1 edition 3 with modifications and revision of ANSI/TIA 526-14-C-2015)  
PINS Date: Jan 31, 2020 | Public Review Date: Aug 19, 2022 | Final Action Date: Jan 13, 2023 | [Approved](#)
- ▶ ANSI/TIA 526-2-A-2015, Effective Transmitter Output Power Coupled into Single-Mode Fiber Optic Cable - Adoption of IEC 61280-1-1 ed. 2 - Part 1-1: Test Procedures for General Communication Subsystems - Transmitter Output Optical Power Measurement for Single-Mode Optical Fibre Cable (identical national adoption of IEC 61280-1-1 ed. 2 and revision of ANSI/EIA 526-2-1989)  
PINS Date: Jan 23, 2015 | Public Review Date: Apr 17, 2015 | Final Action Date: Jul 29, 2015 | [Approved](#)
- ▶ ANSI/TIA 526-28-2021, Fibre-optic Communication Subsystem Test Procedures - Part 4-5: Installed Cabling Plant - Attenuation measurement of MPO Terminated Fibre- optic Cabling Plant Using Test Equipment with MPO Interfaces (identical national adoption of IEC 61280-4-5)  
PINS Date: Jan 1, 2021 | Public Review Date: Mar 26, 2021 | Final Action Date: Aug 30, 2021 | [Approved](#)
- ▶ ANSI/TIA 526.7-A-2015 (R2022), Measurement of Optical Power Loss of Installed Single-Mode Fiber Cable Plant, Adoption of IEC 61280-4-2 edition 2: Fibre-Optic Communications Subsystem Test Procedures Part 4-2: Installed Cable Plant Single-Mode Attenuation and Optical Return Loss Measurement. (reaffirmation of ANSI/TIA 526.7-A -2015)  
PINS Date: Oct 1, 2021 | Public Review Date: Nov 12, 2021 | Final Action Date: May 11, 2022 | [Approved](#)
- ▶ ANSI/TIA 568-C.0-1-2010, Generic Telecommunications Cabling for Customer Premises-Addendum 1, Updated Reference for Balanced Twisted-Pair Cabling (addenda to ANSI/TIA 568-C.0-2009)  
PINS Date: May 7, 2010 | Public Review Date: Jun 4, 2010 | Final Action Date: Sep 1, 2010 | [Approved](#)
- ▶ ANSI/TIA 568-C.2-1-2016, Balanced Twisted-Pair Telecommunications Cabling and Components Standard, Addendum 1: Specifications for 100 Next Generation Cabling (addenda to ANSI/TIA 568-C.2-2009)  
Public Review Date: Apr 29, 2016 | Final Action Date: Jun 30, 2016 | [Approved](#)
- ▶ ANSI/TIA 568-C.2-2-2014, Balanced Twisted-Pair Telecommunications Cabling and Components Standard, Addendum 2: Additional Considerations for Category 6A Patch Cord Testing (addenda to ANSI/TIA 568-C.2-2009)  
PINS Date: Mar 21, 2014 | Public Review Date: Jul 11, 2014 | Final Action Date: Nov 7, 2014 | [Approved](#)
- ▶ ANSI/TIA 568-C.3-1-2011, Optical Fiber Cabling Components Standard - Addendum 1: Addition of OM4 Cables Optical Fiber and 24-fiber array connectors (addenda to ANSI/TIA 568-C.3-2008)  
PINS Date: Feb 25, 2011 | Public Review Date: Mar 25, 2011 | Final Action Date: Oct 13, 2011 | [Approved](#)

**TIA (Telecommunications Industry Association)**

- ▶ ANSI/TIA 568.0-D-1-2017, Generic Telecommunications Cabling for Customer Premises, Addendum 1: Updated References, Accommodation of New Media Types (addenda to ANSI/TIA 568.0-D-2015)  
PINS Date: Oct 21, 2016 | Public Review Date: Mar 10, 2017 | Final Action Date: Jul 26, 2017 | [Approved](#)
- ▶ ANSI/TIA 568.0-E-1-2022, Generic Telecommunications Cabling for Customer Premises; Addendum 1: Balanced Single Twisted-pair Cabling (addenda to ANSI/TIA 568.1-E-2020)  
PINS Date: Aug 14, 2020 | Public Review Date: Nov 27, 2020 | Final Action Date: Jul 22, 2022 | [Approved](#)
- ▶ ANSI/TIA 568.0-E-2020, Generic Telecommunications Cabling for Customer Premises (revision and redesignation of ANSI/TIA 568.0-D-2015)  
PINS Date: Nov 2, 2018 | Public Review Date: Oct 11, 2019 | Final Action Date: Mar 24, 2020 | [Approved](#)
- ▶ ANSI/TIA 568.1-D-1-2018, Commercial Building Telecommunications Infrastructure Standard, Addendum 1: Updated References, Accommodation of New Media Types (addenda to ANSI/TIA 568.1-D-2015)  
PINS Date: Oct 21, 2016 | Public Review Date: Oct 20, 2017 | Final Action Date: Mar 6, 2018 | [Approved](#)
- ▶ ANSI/TIA 568.1-E-2020, Commercial Building Telecommunications Cabling Standard (revision and redesignation of ANSI/TIA 568.1-D-2015)  
PINS Date: Nov 2, 2018 | Public Review Date: Oct 11, 2019 | Final Action Date: Mar 24, 2020 | [Approved](#)
- ▶ ANSI/TIA 568.2-D-1-2019, Balun Requirements for Category 8 Testing (addenda to ANSI/TIA 568.2-D-2018)  
PINS Date: Nov 2, 2018 | Public Review Date: Dec 28, 2018 | Final Action Date: Apr 9, 2019 | [Approved](#)
- ▶ ANSI/TIA 568.2-D-2-2020, Balanced Twisted-Pair Telecommunications Cabling and Components Standard Addendum 2: Power Delivery Over Balanced Twisted-Pair Cabling (addenda to ANSI/TIA 568.2-D-2018)  
PINS Date: Jul 5, 2019 | Public Review Date: Jun 26, 2020 | Final Action Date: Aug 6, 2020 | [Approved](#)
- ▶ ANSI/TIA 568.2-D-2018, Balanced Twisted-Pair Telecommunications Cabling and Components Standard (revision and redesignation of ANSI/TIA 568-C.2-2009)  
PINS Date: Jan 22, 2016 | Public Review Date: Feb 23, 2018 | Final Action Date: Sep 20, 2018 | [Approved](#)
- ▶ ANSI/TIA 568.3-D-1-2019, Optical Fiber Cabling Component Standard- Addendum 1 General Updates (addenda to ANSI/TIA 568-D.3-2016)  
PINS Date: Jul 7, 2017 | Public Review Date: Aug 3, 2018 | Final Action Date: Jan 17, 2019 | [Approved](#)
- ▶ ANSI/TIA 568.3-E-2022, Optical Fiber Cabling Component Standard (revision and redesignation of ANSI/TIA 568.3-D-2016)  
PINS Date: Jan 31, 2020 | Public Review Date: Apr 29, 2022 | Final Action Date: Sep 29, 2022 | [Approved](#)
- ▶ ANSI/TIA 568.4-E-2022, Broadband Coaxial Cabling and Components Standard (revision and redesignation of ANSI/TIA 568.4-D-2017)  
PINS Date: Feb 11, 2022 | Public Review Date: Apr 8, 2022 | Final Action Date: Jul 11, 2022 | [Approved](#)
- ▶ ANSI/TIA 568.5-2022, Single balanced twisted-pair cabling and components standard (new standard)  
PINS Date: Oct 6, 2017 | Public Review Date: Oct 29, 2021 | Final Action Date: Feb 14, 2022 | [Approved](#)
- ▶ ANSI/TIA 569-C-2012, Telecommunications Pathways and Spaces (new standard)  
PINS Date: Nov 12, 2010 | Public Review Date: Aug 5, 2011 | Final Action Date: May 3, 2012 | [Approved](#)
- ▶ ANSI/TIA 569-D-1-2016, Telecommunications Pathways and Spaces: Addendum 1 - Revised Temperature and Humidity Requirements for Telecommunications Spaces (addenda to ANSI/TIA 569-D-2015)  
PINS Date: Jul 1, 2016 | Public Review Date: Aug 12, 2016 | Final Action Date: Oct 21, 2016 | [Approved](#)
- ▶ ANSI/TIA 569-D-2-2018, Telecommunications Pathways And Spaces: Addendum 2 Guidelines For Supporting Remote Powering (addenda to ANSI/TIA 569-D-2015)  
PINS Date: Jul 1, 2016 | Public Review Date: Feb 16, 2018 | Final Action Date: Jul 20, 2018 | [Approved](#)

**TIA (Telecommunications Industry Association)**

- ▶ ANSI/TIA 569-E-1-2022, Telecommunications Pathways and Spaces Addendum 1: Revised Temperature and Humidity Guidelines for Telecommunications Spaces (addenda to ANSI/TIA 569-E-2019)  
PINS Date: Feb 11, 2022 | Public Review Date: Mar 25, 2022 | Final Action Date: Jun 17, 2022 | [Approved](#)
- ▶ ANSI/TIA 569-E-2019, Telecommunications Pathways and Spaces (revision and redesignation of ANSI/TIA 569-D-2015)  
PINS Date: Jul 27, 2018 | Public Review Date: Mar 8, 2019 | Final Action Date: May 23, 2019 | [Approved](#)
- ▶ ANSI/TIA 570-D-2018, Residential Telecommunications Infrastructure Standard (revision and redesignation of ANSI/TIA 570-C-2012)  
PINS Date: Mar 10, 2017 | Public Review Date: Feb 23, 2018 | Final Action Date: Jul 13, 2018 | [Approved](#)
- ▶ ANSI/TIA 571-C-2015, Telecommunications - Communications Products - Electrical, Thermal and Mechanical Environmental Performance Requirements (revision and redesignation of ANSI/TIA 571-B-2007)  
PINS Date: May 4, 2012 | Public Review Date: Jul 24, 2015 | Final Action Date: Oct 27, 2015 | [Approved](#)
- ▶ ANSI/TIA 598-D-1-2018, Optical Fiber Color Coding in Cable, Addendum 1, for Additional Colors for Fibers 13-16 (addenda to ANSI/TIA 598-D-2014)  
PINS Date: Dec 12, 2014 | Public Review Date: Apr 20, 2018 | Final Action Date: Aug 10, 2018 | [Approved](#)
- ▶ ANSI/TIA 598-D-2-2018, Optical Fiber Cable Color Coding - Addendum 2, Jacket Color for Wideband Laser-Optimized 50/125 micrometer Multimode Fiber Cables (OM5) (addenda to ANSI/TIA 598-D-2014)  
PINS Date: Jul 7, 2017 | Public Review Date: Nov 10, 2017 | Final Action Date: Mar 6, 2018 | [Approved](#)
- ▶ ANSI/TIA 598-D-2014, Optical Fiber Cable Coding (revision and redesignation of ANSI/TIA 598-C-2005)  
PINS Date: Jan 27, 2012 | Public Review Date: Sep 6, 2013 | Final Action Date: Jul 9, 2014 | [Approved](#)
- ▶ ANSI/TIA 603-E-2016  
, Land Mobile FM or PM - Communications Equipment - Measurement and Performance Standards (revision and redesignation of ANSI/TIA 603-D-2010)  
Public Review Date: Oct 23, 2015 | Final Action Date: Mar 2, 2016 | [Approved](#)
- ▶ ANSI/TIA 604-10C-2021, FOCIS-10 - Fiber Optic Connector Intermateability Standard, Type LC (revision and redesignation of ANSI/TIA 604-10B-2008 (R2015))  
PINS Date: Mar 13, 2020 | Public Review Date: Apr 30, 2021 | Final Action Date: Jul 29, 2021 | [Approved](#)
- ▶ ANSI/TIA 604-18-A-2018, FOCIS 18- Fiber Optic Connector Intermateability Standard Type MPO-16 (revision and redesignation of ANSI/TIA 604-18-2015)  
PINS Date: Jul 22, 2016 | Public Review Date: Mar 23, 2018 | Final Action Date: Sep 20, 2018 | [Approved](#)
- ▶ ANSI/TIA 604-19-2021, FOCIS 19-Fiber Optic Connector Intermateability Standard- Type: CS Connector (new standard)  
PINS Date: Nov 17, 2017 | Public Review Date: Apr 30, 2021 | Final Action Date: Jul 30, 2021 | [Approved](#)
- ▶ ANSI/TIA 604-5-F-2019, FOCIS 5Fiber Optic Connector Intermateability Standard- Type MPO (new standard)  
PINS Date: Dec 1, 2017 | Public Review Date: Aug 24, 2018 | Final Action Date: Feb 15, 2019 | [Approved](#)
- ▶ ANSI/TIA 606-B-1-2015, Administration Standard for Commercial Telecommunications Infrastructure - Automated Infrastructure Management Systems (addenda to ANSI/TIA 606-B-2012)  
PINS Date: Jul 4, 2014 | Public Review Date: Mar 13, 2015 | Final Action Date: Dec 23, 2015 | [Approved](#)
- ▶ ANSI/TIA 606-D-2021, Administration Standard For Telecommunications Infrastructure (revision and redesignation of ANSI/TIA 606-C-2017)  
PINS Date: Nov 13, 2020 | Public Review Date: Jul 9, 2021 | Final Action Date: Oct 5, 2021 | [Approved](#)

**TIA (Telecommunications Industry Association)**

- ▶ ANSI/TIA 607-C-1-2019, Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises Addendum 1 - Bonding in Multitenant Buildings (addenda to ANSI/TIA 607-C-2015)  
PINS Date: Jul 8, 2016 | Public Review Date: Oct 28, 2016 | Final Action Date: Dec 27, 2016 | [Approved](#)

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- ▶ ANSI/TIA 607-D-1-2021, Generic Telecommunications Bonding And Grounding (Earthing) For Customer Premises Addendum 1: Harmonization With ANSI/TIA-222 (addenda to ANSI/TIA 607-D-2019)  
PINS Date: Nov 27, 2020 | Public Review Date: Feb 26, 2021 | Final Action Date: Jul 8, 2021 | [Approved](#)

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- ▶ ANSI/TIA 607-D-2019, Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises (revision and redesignation of ANSI/TIA 607-C-2015)  
PINS Date: Oct 26, 2018 | Public Review Date: Mar 8, 2019 | Final Action Date: Jul 29, 2019 | [Approved](#)

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- ▶ ANSI/TIA 631-B-2011 (R2017), Telecommunications - Telephone Terminal Equipment - Radio Frequency Immunity Requirements (reaffirmation of ANSI/TIA 631-B-2011)  
Public Review Date: Nov 18, 2016 | Final Action Date: Feb 2, 2017 | [Approved](#)

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- ▶ ANSI/TIA 664-000-B-2003 (R2013), Wireless Features Description (reaffirmation of ANSI/TIA 664-000-B-2003)  
Public Review Date: Feb 8, 2013 | Final Action Date: May 28, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-000-B-3-2007 (R2013), Wireless Features Description – Addendum 3 (reaffirmation of ANSI/TIA 664-000-B-3-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 22, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-100-B-2007 (R2013), Wireless Features Description: Background and Assumptions (reaffirmation of ANSI/TIA 664-100-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 16, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-501-B-2007 (R2013), Wireless Features Description: Call Delivery (CD) (reaffirmation of ANSI/TIA 664-501-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 16, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-502-B-2007 (R2013), Wireless Features Description: Call Forwarding—Busy (CFB) (reaffirmation of ANSI/TIA 664-502-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 22, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-503-B-2007 (R2013), Wireless Features Description: Call Forwarding—Default (CFD) (reaffirmation of ANSI/TIA 664-503-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 24, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-504-B-2007 (R2013), Wireless Features Description: Call Forwarding—No Answer (CFNA) (reaffirmation of ANSI/TIA 664-504-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 24, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-505-B-2007 (R2013), Wireless Features Description: Call Forwarding—Unconditional (CFU) (reaffirmation of ANSI/TIA 664-505-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 24, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-506-B-2007 (R2013), Wireless Features Description: Call Transfer (CT) (reaffirmation of ANSI/TIA 664-506-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 24, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-507-B-2007 (R2012), Wireless Features Description: Call Waiting (CW) (reaffirmation of ANSI/TIA 664-507-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Dec 20, 2012 | [Approved](#)

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**TIA (Telecommunications Industry Association)**

- ▶ ANSI/TIA 664-508-B-2007 (R2013), Wireless Features Description: Calling Number Identification Presentation (CNIP) (reaffirmation of ANSI/TIA 664-508-B-2007)

Public Review Date: Sep 7, 2012 | Final Action Date: Jan 24, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-509-B-2007 (R2013), Wireless Features Description: Calling Number Identification Restriction (CNIR) (reaffirmation of ANSI/TIA 664-509-B-2007)

Public Review Date: Sep 7, 2012 | Final Action Date: Jan 24, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-510-B-2007 (R2013), Wireless Features Description: Conference Calling (CC) (reaffirmation of ANSI/TIA 664-510-B-2007)

Public Review Date: Sep 7, 2012 | Final Action Date: Jan 24, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-511-B-2007 (R2013), Wireless Features Description: Do Not Disturb (DND) (reaffirmation of ANSI/TIA 664-511-B-2007)

Public Review Date: Sep 7, 2012 | Final Action Date: Jan 28, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-512-B-2007 (R2013), Wireless Features Description: Flexible Alerting (FA) (reaffirmation of ANSI/TIA 664-512-B-2007)

Public Review Date: Sep 7, 2012 | Final Action Date: Jan 28, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-513-B-2007 (R2013), Wireless Features Description: Message Waiting Notification (MWN) (reaffirmation of ANSI/TIA 664-513-B-2007)

Public Review Date: Sep 7, 2012 | Final Action Date: Jan 28, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-514-B-2007 (R2013), Wireless Features Description: Mobile Access Hunting (MAH) (reaffirmation of ANSI/TIA 664-514-B-2007)

Public Review Date: Sep 7, 2012 | Final Action Date: Apr 4, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-515-B-2007 (R2013), Wireless Features Description: Password Call Acceptance (PCA) (reaffirmation of ANSI/TIA 664-515-B-2007)

Public Review Date: Sep 7, 2012 | Final Action Date: Jan 28, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-516-B-2007 (R2013), Wireless Features Description: Preferred Language (PL) (reaffirmation of ANSI/TIA 664-516-B-2007)

Public Review Date: Sep 7, 2012 | Final Action Date: Jan 28, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-517-B-2007 (R2013), Wireless Features Description: Priority Access and Channel Assignment (PACA) (reaffirmation of ANSI/TIA 664-517-B-2007)

Public Review Date: Sep 7, 2012 | Final Action Date: Jan 28, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-518-B-2007 (R2013), Wireless Features Description: Remote Feature Control (RFC) (reaffirmation of ANSI/TIA 664-518-B-2007)

Public Review Date: Sep 7, 2012 | Final Action Date: Jan 28, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-519-B-2007 (R2013), Wireless Features Description: Selective Call Acceptance (SCA) (reaffirmation of ANSI/TIA 664-519-B-2007)

Public Review Date: Sep 7, 2012 | Final Action Date: Jan 28, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-520-B-2007 (R2013), Wireless Features Description: Subscriber PIN Access (SPINA) (reaffirmation of ANSI/TIA 664-520-B-2007)

Public Review Date: Sep 7, 2012 | Final Action Date: Jan 28, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-521-B-2007 (R2013), Wireless Features Description: Subscriber PIN Intercept (SPINI)" (reaffirmation of ANSI/TIA 664-521-B-2007)

Public Review Date: Sep 7, 2012 | Final Action Date: Jan 28, 2013 | [Approved](#)

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**TIA (Telecommunications Industry Association)**

- ▶ ANSI/TIA 664-522-B-2007 (R2013), Wireless Features Description: Three-Way Calling (3WC) (reaffirmation of ANSI/TIA 664-522-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 29, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-523-B-2007 (R2013), Wireless Features Description: Voice Message Retrieval (VMR) (reaffirmation of ANSI/TIA 664-523-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 29, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-524-B-2007 (R2013), Wireless Features Description: Voice Privacy (VP)" (reaffirmation of ANSI/TIA 664-524-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 29, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-525-B-2007 (R2013), Wireless Features Description: Asynchronous Data Service (ADS) (reaffirmation of ANSI/TIA 664-525-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 29, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-526-B-2007 (R2013), Wireless Features Description: Calling Name Presentation (CNAP) (reaffirmation of ANSI/TIA 664-526-B-2007)  
Public Review Date: Feb 1, 2013 | Final Action Date: Apr 4, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-527-B-2007 (R2013), Wireless Features Description: Calling Name Presentation (CNAP) (reaffirmation of ANSI/TIA 664-527-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Feb 6, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-528-B-2007 (R2013), Wireless Features Description: Data Privacy (DP) (reaffirmation of ANSI/TIA 664-528-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 29, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-529-B-2007 (R2013), Wireless Features Description: Emergency Services (9-1-1) (reaffirmation of ANSI/TIA 664-529-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 30, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-530-B-2007 (R2013), Wireless Features Description: Group 3 Facsimile Service (G3 Fax) (reaffirmation of ANSI/TIA 664-530-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 30, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-531-B-2007 (R2013), Wireless Features Description: Network Directed System Selection (NDSS) (reaffirmation of ANSI/TIA 664-531-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 30, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-532-B-2007 (R2013), Wireless Features Description: Non-public Service Mode (NP) (reaffirmation of ANSI/TIA 664-532-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 30, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-533-B-2007 (R2013), Wireless Features Description: Over-the-Air Service Provisioning (OTASP) (reaffirmation of ANSI/TIA 664-533-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 30, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-534-B-2007 (R2013), Wireless Features Description: Service Negotiation (SN) (reaffirmation of ANSI/TIA 664-534-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 31, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-535-B-2007 (R2013), Wireless Features Description: User Group (UG) (reaffirmation of ANSI/TIA 664-535-B-2007)  
Public Review Date: Oct 26, 2012 | Final Action Date: Mar 8, 2013 | [Approved](#)

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**TIA (Telecommunications Industry Association)**

- ▶ ANSI/TIA 664-536-B-2007 (R2013), Wireless Features Description: Group 3 Analog Facsimile Service (G3 AFax) (reaffirmation of ANSI/TIA 664-536-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 31, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-537-B-2007 (R2013), Wireless Features Description: Wireless Intelligent Network Feature Descriptions (reaffirmation of ANSI/TIA 664-537-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 31, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-601-B-2007 (R2013), Wireless Features Description: Short Message Delivery (reaffirmation of ANSI/TIA 664-601-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 31, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-602-B-2007 (R2013), Wireless Features Description: Wireless Messaging Teleservice (reaffirmation of ANSI/TIA 664-602-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Jan 31, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-603-B-2007 (R2013), Wireless Features Description: Wireless Paging Teleservice (reaffirmation of ANSI/TIA 664-603-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Feb 1, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-701-B-2007 (R2013), Wireless Features Description: Mobile Station Functionality (reaffirmation of ANSI/TIA 664-701-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Feb 1, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-801-B-2007 (R2013), Wireless Features Description: System Functionality (reaffirmation of ANSI/TIA 664-801-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Feb 1, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-802-B-2007 (R2013), Wireless Features Description: Subscriber Confidentiality (reaffirmation of ANSI/TIA 664-802-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Feb 1, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-803-B-2007 (R2013), Wireless Features Description: Network Services (reaffirmation of ANSI/TIA 664-803-B-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Feb 1, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-804-A-2007 (R2013), Wireless Features Description: Enhanced Security (reaffirmation of ANSI/TIA 664-804-A-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Feb 4, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-805-A-2007 (R2013), Wireless Features Description: CDMA Packet Data Service (reaffirmation of ANSI/TIA 664-805-A-2007)  
Public Review Date: Sep 14, 2012 | Final Action Date: Feb 4, 2013 | [Approved](#)

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- ▶ ANSI/TIA 664-806-2007 (R2013), Wireless Features Description: Over-the-Air Parameter Administration (reaffirmation of ANSI/TIA 664-806-2007)  
Public Review Date: Sep 7, 2012 | Final Action Date: Feb 4, 2013 | [Approved](#)

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- ▶ ANSI/TIA 678-B-2011, Data Transmission Systems and Equipment - Serial Asynchronous Automatic Dialing and Control for Character Mode DCE on Wireless Data Services (revision and redesignation of ANSI/TIA 678-A-2004)  
PINS Date: May 6, 2011 | Public Review Date: Jun 3, 2011 | Final Action Date: Aug 9, 2011 | [Approved](#)

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- ▶ ANSI/TIA 777-A-2003 (R2016), Telecommunications - Telephone Terminal Equipment - Caller Identity and Visual Message Waiting Indicator Equipment Performance Requirements (reaffirmation of ANSI/TIA 777-A-2003 (R2011))  
Public Review Date: Apr 15, 2016 | Final Action Date: Jun 14, 2016 | [Approved](#)

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**TIA (Telecommunications Industry Association)**

- ▶ ANSI/TIA 855-A-2011 (R2016), Telecommunications - Telephone Terminal Equipment - Stutter Dial Tone Detection Device - Performance Requirements (reaffirmation of ANSI/TIA 855-A-2011)  
Public Review Date: Apr 15, 2016 | Final Action Date: Jun 14, 2016 | [Approved](#)

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- ▶ ANSI/TIA 862-B-1-2017, Structured Cabling Infrastructure Standard for Intelligent Building Systems, Addendum 1: Updated References, Accommodation of New Media Types (addenda to ANSI/TIA 862-B-2016)  
PINS Date: Mar 10, 2017 | Public Review Date: Jul 7, 2017 | Final Action Date: Oct 27, 2017 | [Approved](#)

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- ▶ ANSI/TIA 862-C-2022, Structured Cabling Infrastructure Standard for Intelligent Building Systems (revision and redesignation of ANSI/TIA 862-B-2016)  
PINS Date: Aug 14, 2020 | Public Review Date: Jul 2, 2021 | Final Action Date: Jun 17, 2022 | [Approved](#)

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- ▶ ANSI/TIA 895-A-2002 (R2013), CDMA Tandem Free Operation (reaffirmation of ANSI/TIA 895-A-2002)  
Public Review Date: Sep 14, 2012 | Final Action Date: Feb 4, 2013 | [Approved](#)

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- ▶ ANSI/TIA 912-C-2015, Telecommunications - IP Telephony Equipment - Voice Gateway Transmission Requirements (revision and redesignation of ANSI/TIA 912-B-2007)  
PINS Date: Mar 28, 2014 | Public Review Date: Jun 5, 2015 | Final Action Date: Aug 5, 2015 | [Approved](#)

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- ▶ ANSI/TIA 920.000-B-2015, Telecommunications - Communications Products - Overview of Transmission Requirements for Digital Interface Communications Devices (new standard)  
PINS Date: May 24, 2013 | Public Review Date: Mar 20, 2015 | Final Action Date: Oct 26, 2015 | [Approved](#)

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- ▶ ANSI/TIA 920.110-B-2015, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Digital Telephones with Handsets (new standard)  
PINS Date: May 24, 2013 | Public Review Date: Sep 4, 2015 | Final Action Date: Oct 22, 2015 | [Approved](#)

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- ▶ ANSI/TIA 920.120-B-2017, Telecommunications - Communications Products - Transmission Requirements for Digital Interface Communications Devices with Speakerphone (new standard)  
PINS Date: May 24, 2013 | Public Review Date: Nov 4, 2016 | Final Action Date: Feb 2, 2017 | [Approved](#)

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- ▶ ANSI/TIA 920.123-2018, Transmission Requirements for Digital Interface Communications Devices with Group Speakerphone (new standard)  
PINS Date: Nov 4, 2016 | Public Review Date: Jan 5, 2018 | Final Action Date: Mar 16, 2018 | [Approved](#)

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- ▶ ANSI/TIA 920.130-B-2018, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Digital Telephones with Headsets (new standard)  
PINS Date: May 24, 2013 | Public Review Date: Dec 29, 2017 | Final Action Date: Apr 17, 2018 | [Approved](#)

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- ▶ ANSI/TIA 921-C-2016, Network Model for Evaluating Multimedia Transmission Performance Over Internet Protocol (revision and redesignation of ANSI/TIA 921-B-2011)  
Public Review Date: Feb 19, 2016 | Final Action Date: Apr 12, 2016 | [Approved](#)

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- ▶ ANSI/TIA 93-B-1-2006 (R2012), Wireless Telecommunications Ai - Di Interfaces Standard - Addendum 1 (reaffirmation of ANSI/TIA 93-B-1-2006)  
Public Review Date: Jul 13, 2012 | Final Action Date: Oct 19, 2012 | [Approved](#)

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- ▶ ANSI/TIA 942-A-1-2013, Telecommunications Infrastructure Standard for Data Centers, Addendum 1 - Cabling Guidelines for Data Center Fabrics (addenda to ANSI/TIA 942-A-2012)  
PINS Date: Mar 2, 2012 | Public Review Date: Nov 9, 2012 | Final Action Date: Mar 26, 2013 | [Approved](#)

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- ▶ ANSI/TIA 942-B-1-2022, Telecommunications Infrastructure Standard for Data Centers Addendum 1 Edge Data Centers (addenda to ANSI/TIA 942-B-2017)  
PINS Date: Jun 26, 2020 | Public Review Date: Oct 29, 2021 | Final Action Date: Jan 27, 2022 | [Approved](#)

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**TIA (Telecommunications Industry Association)**

- ▶ ANSI/TIA 942-B-2017, Telecommunications Infrastructure Standard for Data Centers (revision and redesignation of ANSI/TIA 942-A-2012)  
PINS Date: Oct 30, 2015 | Public Review Date: Mar 10, 2017 | Final Action Date: Jul 12, 2017 | [Approved](#)
- ▶ ANSI/TIA 968-B-1-2012 (R2017), Telephone Terminal Equipment - Technical Requirements for Connection of Terminal Equipment to the Telephone Network - Addendum 1 (reaffirmation of ANSI/TIA 968-B-1-2012)  
Public Review Date: Nov 11, 2016 | Final Action Date: Feb 16, 2017 | [Approved](#)
- ▶ ANSI/TIA 968-B-2-2015, Telecommunications - Telephone Terminal Equipment - Technical Requirements for Connection of Terminal Equipment to the Telephone Network - Addendum 2 (supplement to ANSI/TIA 968-B-1-2012)  
Public Review Date: Nov 21, 2014 | Final Action Date: Jan 21, 2015 | [Approved](#)
- ▶ ANSI/TIA 968-B-2009 (R2016), Telecommunications - Telephone Terminal Equipment - Technical Requirements for Connection of Terminal Equipment to the Telephone Network (reaffirmation of ANSI/TIA 968-B-2009)  
Public Review Date: Apr 15, 2016 | Final Action Date: Nov 7, 2016 | [Approved](#)
- ▶ ANSI/TIA 968-B-3-2016, Telecommunications - Telephone Terminal Equipment - Technical Requirements for Connection of Terminal Equipment to the Telephone Network - Addendum 3 (addenda to ANSI/TIA 968-B-2009)  
PINS Date: Oct 9, 2015 | Public Review Date: Dec 25, 2015 | Final Action Date: Mar 23, 2016 | [Approved](#)
- ▶ ANSI/TIA J-STD-025-A-2003 (R2019), Lawfully Authorized Electronic Surveillance (reaffirmation of ANSI/TIA J-STD-025-A-2003 (R2012))  
PINS Date: Nov 30, 2018 | Public Review Date: Feb 8, 2019 | Final Action Date: May 7, 2019 | [Approved](#)
- ▶ ANSI/TIA J-STD-025-B-1-2006 (R2019), Lawfully Authorized Electronic Surveillance (LAES) Addendum 1 - Addition of Mobile Equipment IDentifier (MEID) (reaffirmation of ANSI/TIA J-STD-025-B-1-2006 (R2012))  
PINS Date: Nov 30, 2018 | Public Review Date: Feb 8, 2019 | Final Action Date: May 7, 2019 | [Approved](#)
- ▶ ANSI/TIA J-STD-025-B-2-2007 (R2019), Lawfully Authorized Electronic Surveillance (LAES)Addendum 2 - Support for Carrier Identity (reaffirmation of ANSI/TIA J-STD-025-B-2-2007 (R2012))  
PINS Date: Nov 30, 2018 | Public Review Date: Feb 8, 2019 | Final Action Date: May 7, 2019 | [Approved](#)
- ▶ ANSI/TIA J-STD-025-B-2006 (R2019), Lawfully Authorized Electronic Surveillance (reaffirmation of ANSI/TIA J-STD-025-B-2006 (R2012))  
PINS Date: Nov 30, 2018 | Public Review Date: Feb 8, 2019 | Final Action Date: May 7, 2019 | [Approved](#)
- ▶ ANSI/TIA J-STD-025-B-3-2013 (R2019), Lawfully Authorized Electronic Surveillance (LAES)-Addendum 3 - Support for BSID or Subnet (reaffirmation of ANSI/TIA J-STD-025-B-3-2013)  
PINS Date: Dec 7, 2018 | Public Review Date: May 31, 2019 | Final Action Date: Sep 10, 2019 | [Approved](#)
- ▶ ANSI/TIA TR-1028-2004, IEC 61282-7 Optic Communication System Design Guides - Part 7: Statistical Calculation of Chromatic Dispersion (identical national adoption of IEC/TR 61282-7)  
Public Review Date: Nov 28, 2003 | Final Action Date: Feb 3, 2004 | [Approved](#)
- ▶ ANSI/TIA TR-1029-2004, IEC 61282-3 Fibre Optic Communication System Design Guides - Part 3: Calculation of Polarizatioon Mode Dispersion (identical national adoption of IEC 61282-3)  
PINS Date: Nov 14, 2003 | Public Review Date: Nov 28, 2003 | Final Action Date: Feb 3, 2004 | [Approved](#)

**TMA (The Monitoring Association)**

7918 Jones Branch Drive, Suite 510, McLean, VA 22102 | w: [www.csaul.org](http://www.csaul.org)

- ▶ ANSI/TMA AVS-01-2023, Alarm Validation Scoring Standard (new standard)  
PINS Date: May 1, 2020 | Public Review Date: Jul 15, 2022 | Final Action Date: Jan 9, 2023 | [Approved](#)
- ▶ ANSI/TMA CS-V-01-2022, TMA CS-V-01-2021 Alarm Confirmation, Verification and Notification Procedures (revision of ANSI/TMA CS-V-01-2020)  
PINS Date: Aug 27, 2021 | Public Review Date: Nov 12, 2021 | Final Action Date: Mar 24, 2022 | [Approved](#)

**TNI (The NELAC Institute)**

P.O. Box 2439, Weatherford, TX 76086 | w: [www.NELAC-Institute.org](http://www.NELAC-Institute.org)

- ▶ ANSI/FSMO-V1-2016, General Requirements for Field Sampling and Measurement Organizations (new standard)  
PINS Date: Mar 13, 2015 | Public Review Date: Dec 11, 2015 | Final Action Date: Sep 23, 2016 | [Approved](#)
- ▶ ANSI/FSMO-V2-2016, General Requirements for Accreditation Bodies Accrediting Field Sampling and Measurement Organizations (new standard)  
PINS Date: Mar 13, 2015 | Public Review Date: Dec 11, 2015 | Final Action Date: Sep 23, 2016 | [Approved](#)
- ▶ ANSI/TNI EL-V1-2016, Management and Technical Requirements for Laboratories performing Environmental Analysis (revision of ANSI/TNI EL-V1-2009)  
PINS Date: Oct 4, 2013 | Public Review Date: Sep 9, 2016 | Final Action Date: Dec 6, 2016 | [Approved](#)
- ▶ ANSI/TNI EL-V1M4-2018, Management and Technical Requirements for Laboratories performing Environmental Analysis, Module 4: Quality Systems for Chemical Testing (revision and redesignation of ANSI/TNI EL-V4-2016)  
PINS Date: Mar 24, 2017 | Public Review Date: Dec 1, 2017 | Final Action Date: Feb 27, 2018 | [Approved](#)
- ▶ ANSI/TNI EL-V2-2016, General Requirements for Accreditation Bodies Accrediting Environmental Laboratories (revision of ANSI/TNI EL-V2-2009)  
PINS Date: Oct 4, 2013 | Public Review Date: Sep 9, 2016 | Final Action Date: Nov 29, 2016 | [Approved](#)
- ▶ ANSI/TNI EL-V3-2016, General Requirements for Environmental Proficiency Test Providers (revision of ANSI/TNI EL-V3-2009)  
PINS Date: Oct 4, 2013 | Public Review Date: Sep 9, 2016 | Final Action Date: Nov 29, 2016 | [Approved](#)

**TOY-TIA (Toy Industry Association)**

1115 Broadway, Suite 400, New York, NY 10010 | w: [www.toyassociation.org](http://www.toyassociation.org)

- ▶ ANSI Z315.1-2012, Safety Requirements for Tricycles (revision of ANSI Z315.1-2006)  
PINS Date: Aug 6, 2010 | Public Review Date: Aug 31, 2012 | Final Action Date: Nov 26, 2012 | [Approved](#)

**TPI (Truss Plate Institute)**

2670 Crain Highway, Suite 203, Waldorf, MD 20601 | w: [www.tpininst.org](http://www.tpininst.org)

- ▶ ANSI/TPI 1-2022, National Design Standard for Metal Plate Connected Wood Truss Construction (revision of ANSI/TPI 1-2014)  
PINS Date: Aug 23, 2019 | Public Review Date: Aug 26, 2022 | Final Action Date: Dec 23, 2022 | [Approved](#)

**UAMA (ASC B7) (Unified Abrasives Manufacturers' Association)**

30200 Detroit Road, Cleveland, OH 44145-1967 | w: [www.uama.org](http://www.uama.org)

- ▶ ANSI B7.1-2017, Safety Requirements for the Use, Care and Protection of Abrasive Wheels (revision of ANSI B7.1-2010)  
PINS Date: Sep 21, 2012 | Public Review Date: Sep 8, 2017 | Final Action Date: Oct 25, 2017 | [Approved](#)
- ▶ ANSI B7.7-2003 (R2019), Safety Requirements for Abrading Materials with Coated Abrasive Systems (reaffirmation of ANSI B7.7-2003 (R2011))  
PINS Date: Oct 12, 2018 | Public Review Date: Feb 1, 2019 | Final Action Date: Apr 23, 2019 | [Approved](#)

**UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)**

30200 Detroit Road, Cleveland, OH 44145-1967 | w: [www.uama.org](http://www.uama.org)

- ▶ ANSI B74.10-2015, Specification for Grading of Abrasive Grain (revision of ANSI B74.10-2010)  
PINS Date: Apr 17, 2015 | Public Review Date: Aug 21, 2015 | Final Action Date: Oct 30, 2015 | [Approved](#)

**UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)**

- ▶ ANSI B74.11-2020, Specifications for Random Shaped Tumbling Chip Abrasives (revision of ANSI B74.11-2014)  
PINS Date: Mar 6, 2020 | Public Review Date: Apr 24, 2020 | Final Action Date: Nov 10, 2020 | [Approved](#)

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- ▶ ANSI B74.12-2018, Specifications for the Size of Abrasive Grain-Grining Wheels, Polishing and General Industrial Uses (revision of ANSI B74.12-2012)  
PINS Date: Oct 13, 2017 | Public Review Date: Mar 30, 2018 | Final Action Date: Jul 20, 2018 | [Approved](#)

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- ▶ ANSI B74.13-2016, Markings for Identifying Grinding Wheels and Other Bonded Abrasives (revision of ANSI B74.13-1990 (R2007))  
PINS Date: Feb 21, 2014 | Public Review Date: Nov 13, 2015 | Final Action Date: Oct 21, 2016 | [Approved](#)

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- ▶ ANSI B74.14-2007 (R2020), Methods of Chemical Analysis of Aluminum Oxide Abrasive Grain and Abrasive Crude (reaffirmation of ANSI B74.14-2007 (R2013))  
Public Review Date: Sep 13, 2019 | Final Action Date: Jan 6, 2020 | [Approved](#)

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- ▶ ANSI B74.15-1992 (R2013), Methods of Chemical Analysis of Silicon Carbide Abrasive Grain and Abrasive Crude (reaffirmation of ANSI B74.15-1992 (R2007))  
Public Review Date: Apr 20, 2012 | Final Action Date: Feb 27, 2013 | [Approved](#)

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- ▶ ANSI B74.16-2002 (R2014), Checking the Size of Diamond and Cubic Boron Nitride Abrasive Grain (reaffirmation of ANSI B74.16-2002 (R2007))  
Public Review Date: Apr 19, 2013 | Final Action Date: Feb 6, 2014 | [Approved](#)

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- ▶ ANSI B74.18-2018, Grading of Certain Abrasive Grain on Coated Abrasive Material (revision of ANSI B74.18-2016)  
PINS Date: Oct 13, 2017 | Public Review Date: Dec 29, 2017 | Final Action Date: Apr 5, 2018 | [Approved](#)

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- ▶ ANSI B74.19-2016, Test for Determining the Magnetic Content of Abrasive Grains (revision of ANSI B74.19-2002 (R2007))  
PINS Date: May 17, 2013 | Public Review Date: Nov 6, 2015 | Final Action Date: May 23, 2016 | [Approved](#)

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- ▶ ANSI B74.20-2004 (R2016), Specification for Diamond and CBN Powders in Sub-Sieve Sizes (reaffirmation of ANSI B74.20-2004 (R2010))  
Public Review Date: Nov 6, 2015 | Final Action Date: Oct 21, 2016 | [Approved](#)

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- ▶ ANSI B74.21-2002 (R2014), Fatigue Proof Test Procedure for Vitrified Wheels (reaffirmation of ANSI B74.21-2002 (R2007))  
Public Review Date: Feb 21, 2014 | Final Action Date: Jun 19, 2014 | [Approved](#)

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- ▶ ANSI B74.22-1991 (R2014), Design Test for Type 27 Portable Grinding Wheels (reaffirmation of ANSI B74.22-1991 (R2007))  
Public Review Date: Feb 21, 2014 | Final Action Date: Jun 19, 2014 | [Approved](#)

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- ▶ ANSI B74.23-2002 (R2014), Measuring Relative Crystal Strengths of Diamond and Cubic Boron Nitride (reaffirmation of ANSI B74.23-2002 (R2007))  
Public Review Date: Apr 19, 2013 | Final Action Date: Feb 6, 2014 | [Approved](#)

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- ▶ ANSI B74.24-2016, Specification for Abrasive Materials for Blasting (new standard)  
PINS Date: Apr 11, 2014 | Public Review Date: May 6, 2016 | Final Action Date: Oct 21, 2016 | [Approved](#)

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- ▶ ANSI B74.3-2003 (R2014), Specifications for Shapes and Sizes of Diamond or CBN Abrasive Products (reaffirmation of ANSI B74.3-2003 (R2009))  
Public Review Date: Feb 21, 2014 | Final Action Date: Oct 27, 2014 | [Approved](#)

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- ▶ ANSI B74.4-1992 (R2019), Procedure for Bulk Density of Abrasive Grains (reaffirmation of ANSI B74.4-1992 (R2013))  
PINS Date: Oct 12, 2018 | Public Review Date: May 31, 2019 | Final Action Date: Sep 17, 2019 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | w: <https://ulse.org/>

- ▶ ANSI/UL 61010-2-012-2022, Standard for Safety for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-012: Particular Requirements for Climatic and Environmental Testing and Other Temperature Conditioning Equipment (national adoption of IEC 61010-2-012 with modifications and revision of ANSI/UL 61010-2-012-2017)  
Public Review Date: Feb 11, 2022 | Final Action Date: Jun 15, 2022 | [Approved](#)

**ULSE (UL Standards & Engagement)**

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | w: <https://ulse.org/>

- ▶ ANSI/AAMI/UL 2800-1-1-2022, Standard for Safety for Risk Concerns for Interoperable Medical Products (revision and partition of ANSI/AAMI/UL 2800-1-2019)  
Public Review Date: Mar 4, 2022 | Final Action Date: Jun 10, 2022 | [Approved](#)

- ▶ ANSI/AAMI/UL 2800-1-2-2022, Standard for Safety for Interoperable Item Development Life Cycle (revision and partition of ANSI/AAMI/UL 2800-1-2019)  
Public Review Date: Mar 4, 2022 | Final Action Date: Jun 10, 2022 | [Approved](#)

- ▶ ANSI/AAMI/UL 2800-1-2019, Standard for Safety for Medical Device Interoperability (new standard)  
PINS Date: May 13, 2011 | Public Review Date: Sep 21, 2018 | Final Action Date: Feb 25, 2019 | [Approved](#)

- ▶ ANSI/AAMI/UL 2800-1-2022, Standard for Safety for Medical Device Interoperability (revision and partition of ANSI/AAMI/UL 2800-1-2019)  
Public Review Date: Mar 4, 2022 | Final Action Date: Jun 10, 2022 | [Approved](#)

- ▶ ANSI/AAMI/UL 2800-1-3-2022, Standard for Safety for Interoperable Item Integration Life Cycle (revision and partition of ANSI/UL 2800-1-2019)  
Public Review Date: Mar 4, 2022 | Final Action Date: Jun 10, 2022 | [Approved](#)

- ▶ ANSI/UL 1-2020, Standard for Flexible Metal Conduit (revision of ANSI/UL 1-2017)  
Public Review Date: Nov 8, 2019 | Final Action Date: Jan 16, 2020 | [Approved](#)

- ▶ ANSI/UL 1-2023, Standard for Safety for Flexible Metal Conduit (revision of ANSI/UL 1-2020)  
Public Review Date: Dec 2, 2022 | Final Action Date: Jan 4, 2023 | [Approved](#)

- ▶ ANSI/UL 1004-1-2016, Standard for Safety for Rotating Electrical Machines - General Requirements (Proposal dated 3-25-16) (revision of ANSI/UL 1004-1-2015)  
Public Review Date: Mar 25, 2016 | Final Action Date: Jun 20, 2016 | [Approved](#)

- ▶ ANSI/UL 1004-1-2017, Standard for Safety for Rotating Electrical Machines - General Requirements (Proposal dated 8-26-16) (revision of ANSI/UL 1004-1-2016)  
Public Review Date: Aug 26, 2016 | Final Action Date: Mar 6, 2017 | [Approved](#)

- ▶ ANSI/UL 1004-1-2017a, Standard for Safety for Rotating Electrical Machines - General Requirements (Proposal dated 11-18-16) (revision of ANSI/UL 1004-1-2016)  
Public Review Date: Nov 18, 2016 | Final Action Date: Mar 6, 2017 | [Approved](#)

- ▶ ANSI/UL 1004-1-2017b, Standard for Safety for Rotating Electrical Machines - General Requirements (proposal dated 1-27-17) (revision of ANSI/UL 1004-1-2016)  
Public Review Date: Jan 27, 2017 | Final Action Date: Mar 6, 2017 | [Approved](#)

- ▶ ANSI/UL 1004-1-2017c, Standard for Safety for Rotating Electrical Machines - General Requirements (Proposal dated 6-23-17) (revision of ANSI/UL 1004-1-2017)  
Public Review Date: Jun 23, 2017 | Final Action Date: Aug 22, 2017 | [Approved](#)

**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1004-1-2018, Standard for Safety for Rotating Electrical Machines General Requirements (revision of ANSI/UL 1004-1-2017)  
Public Review Date: Feb 23, 2018 | Final Action Date: Aug 6, 2018 | [Approved](#)

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- ▶ ANSI/UL 1004-1-2018a, Standard for Safety for Rotating Electrical Machines - General Requirements (revision of ANSI/UL 1004-1-2017)  
Public Review Date: Jun 22, 2018 | Final Action Date: Aug 6, 2018 | [Approved](#)

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- ▶ ANSI/UL 1004-1-2020, Standard for Safety for Rotating Electrical Machines - General Requirements (revision of ANSI/UL 1004-1-2018)  
Public Review Date: Aug 28, 2020 | Final Action Date: Oct 22, 2020 | [Approved](#)

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- ▶ ANSI/UL 1004-10-2022, Standard for Pool Pump Motors (revision of ANSI/UL 1004-10-2020)  
Public Review Date: Jan 28, 2022 | Final Action Date: Mar 24, 2022 | [Approved](#)

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- ▶ ANSI/UL 1004-2-2015 (R2020), Standard for Safety for Impedance Protected Motors (reaffirmation of ANSI/UL 1004-2-2015)  
Public Review Date: Oct 18, 2019 | Final Action Date: Jan 30, 2020 | [Approved](#)

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- ▶ ANSI/UL 1004-3-2018 (R2023), Standard for Safety for Thermally Protected Motors (reaffirmation of ANSI/UL 1004-3-2018)  
Public Review Date: Oct 21, 2022 | Final Action Date: Jan 12, 2023 | [Approved](#)

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- ▶ ANSI/UL 1004-4-2018, Standard for Safety for Electric Generators (revision of ANSI/UL 1004-4-2015)  
Public Review Date: Feb 23, 2018 | Final Action Date: Jun 29, 2018 | [Approved](#)

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- ▶ ANSI/UL 1004-4-2018a, Standard for Safety for Electric Generators (revision of ANSI/UL 1004-4-2015)  
Public Review Date: May 18, 2018 | Final Action Date: Jun 29, 2018 | [Approved](#)

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- ▶ ANSI/UL 1004-5-2020, Standard for Safety for Fire Pump Motors (revision of ANSI/UL 1004-5-2016)  
Public Review Date: Mar 13, 2020 | Final Action Date: May 6, 2020 | [Approved](#)

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- ▶ ANSI/UL 1004-5-2022, Standard for Safety for Fire Pump Motors (revision of ANSI/UL 1004-5-2020)  
Public Review Date: Jul 29, 2022 | Final Action Date: Nov 1, 2022 | [Approved](#)

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- ▶ ANSI/UL 1004-6-2012 (R2022), Standard for Safety for Servo and Stepper Motors (reaffirmation of ANSI/UL 1004-6-2012 (R2017))  
Public Review Date: Jan 21, 2022 | Final Action Date: Mar 17, 2022 | [Approved](#)

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- ▶ ANSI/UL 1004-7-2017 (R2022), Standard for Electronically Protected Motors (reaffirmation of ANSI/UL 1004-7-2017)  
Public Review Date: Jun 17, 2022 | Final Action Date: Aug 10, 2022 | [Approved](#)

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- ▶ ANSI/UL 1004-8-2009 (R2018), Standard for Safety for Inverter Duty Motors (reaffirmation of ANSI/UL 1004-8-2009 (R2014))  
Public Review Date: Sep 28, 2018 | Final Action Date: Dec 6, 2018 | [Approved](#)

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- ▶ ANSI/UL 1004-9-2021, Standard for Safety for Form Wound and Medium Voltage Rotating Electrical Machines (revision of ANSI/UL 1004-9-2016)  
Public Review Date: Jan 29, 2021 | Final Action Date: Mar 18, 2021 | [Approved](#)

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- ▶ ANSI/UL 1008-2018, Standard for Safety for Transfer Switch Equipment (revision of ANSI/UL 1008-2015)  
Public Review Date: Jan 19, 2018 | Final Action Date: Sep 14, 2018 | [Approved](#)

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- ▶ ANSI/UL 1008-2018a, Standard for Safety for Transfer Switch Equipment (revision of ANSI/UL 1008-2015)  
Public Review Date: Jun 15, 2018 | Final Action Date: Sep 14, 2018 | [Approved](#)

**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1008-2022, Standard for Safety for Transfer Switch Equipment (revision of ANSI/UL 1008-2018)  
Public Review Date: Jun 18, 2021 | Final Action Date: Jul 13, 2022 | [Approved](#)

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- ▶ ANSI/UL 1008A-2017, Standard for Safety for Medium-Voltage Transfer Switches (revision of ANSI/UL 1008A-2012)  
Public Review Date: May 27, 2016 | Final Action Date: Sep 5, 2017 | [Approved](#)

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- ▶ ANSI/UL 1008A-2017a, Standard for Safety for Medium-Voltage Transfer Switches (revision of ANSI/UL 1008A-2012)  
Public Review Date: May 5, 2017 | Final Action Date: Sep 5, 2017 | [Approved](#)

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- ▶ ANSI/UL 1008A-2020, Standard for Safety for Transfer Switch Equipment, Over 1000 Volts (revision of ANSI/UL 1008A-2017)  
Public Review Date: Dec 6, 2019 | Final Action Date: Feb 18, 2020 | [Approved](#)

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- ▶ ANSI/UL 1008S-2012 (R2018), Standard for Safety for Solid-State Transfer Switches (reaffirmation of ANSI/UL 1008S-2012)  
Public Review Date: Nov 24, 2017 | Final Action Date: Jan 19, 2018 | [Approved](#)

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- ▶ ANSI/UL 101-2017, Standard for Safety for Current Leakage for Appliances (revision of ANSI/UL 101-2002 (R2012))  
Public Review Date: May 12, 2017 | Final Action Date: Jul 31, 2017 | [Approved](#)

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- ▶ ANSI/UL 101-2018, Standard for Safety for Leakage Current for Appliances (revision of ANSI/UL 101-2017)  
Public Review Date: Aug 10, 2018 | Final Action Date: Oct 2, 2018 | [Approved](#)

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- ▶ ANSI/UL 101-2019, Standard for Safety for Stationary and Fixed Electric Tools (revision of ANSI/UL 101-2018)  
Public Review Date: Oct 4, 2019 | Final Action Date: Dec 13, 2019 | [Approved](#)

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- ▶ ANSI/UL 1012-2012 (R2021), Standard for Safety for Power Units Other Than Class 2 (reaffirmation of ANSI/UL 1012-2012 (R2016))  
Public Review Date: Jan 22, 2021 | Final Action Date: Mar 30, 2021 | [Approved](#)

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- ▶ ANSI/UL 1017-2017, Standard for Safety for Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines (revision of ANSI/UL 1017-2015)  
Public Review Date: Apr 14, 2017 | Final Action Date: Sep 15, 2017 | [Approved](#)

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- ▶ ANSI/UL 1022-2012 (R2020), Standard for Safety for Line Isolation Monitors (reaffirmation of ANSI/UL 1022-2012 (R2016))  
Public Review Date: May 8, 2020 | Final Action Date: Jun 23, 2020 | [Approved](#)

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- ▶ ANSI/UL 1023-2017, Standard for Safety for Household Burglar-Alarm System Units (revision of ANSI/UL 1023-2013a)  
Public Review Date: Mar 17, 2017 | Final Action Date: Sep 1, 2017 | [Approved](#)

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- ▶ ANSI/UL 1023-2017a, Standard for Safety for Household Burglar-Alarm System Units (revision of ANSI/UL 1023-2013a)  
Public Review Date: Jun 30, 2017 | Final Action Date: Sep 1, 2017 | [Approved](#)

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- ▶ ANSI/UL 1023-2021, Household Burglar-Alarm System Units (revision of ANSI/UL 1023-2017)  
Public Review Date: Feb 5, 2021 | Final Action Date: May 20, 2021 | [Approved](#)

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- ▶ ANSI/UL 1026-2016b, Standard for Safety for Electric Household Cooking and Food Serving Appliances (Proposal dated 3/11/16) (revision of ANSI/UL 1026)  
Public Review Date: Mar 11, 2016 | Final Action Date: Aug 1, 2016 | [Approved](#)

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- ▶ ANSI/UL 1026-2016c, Standard for Safety for Electric Household Cooking and Food Serving Appliances (Proposals dated 4/15/16) (revision of ANSI/UL 1026)  
Public Review Date: Apr 15, 2016 | Final Action Date: Aug 1, 2016 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1026-2017, Standard for Safety for Household Electric Cooking and Food Serving Appliances (Proposals dated 11/4/16) (revision of ANSI/UL 1026-2016)  
Public Review Date: Nov 4, 2016 | Final Action Date: Apr 10, 2017 | [Approved](#)

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- ▶ ANSI/UL 1026-2017a, Standard for Safety for Household Electric Cooking and Food Serving Appliances (proposal dated 7-21-17) (revision of ANSI/UL 1026-2017)  
Public Review Date: Jul 21, 2017 | Final Action Date: Aug 24, 2017 | [Approved](#)

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- ▶ ANSI/UL 1026-2018, Standard for Safety for Household Electric Cooking and Food Serving Appliances (proposal dated 10-13-17) (revision of ANSI/UL 1026-2017)  
Public Review Date: Oct 13, 2017 | Final Action Date: Feb 2, 2018 | [Approved](#)

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- ▶ ANSI/UL 1026-2018a, Standard for Safety for Household Electric Cooking and Food Serving Appliances (proposal dated 12-22-17) (revision of ANSI/UL 1026-2017)  
Public Review Date: Dec 22, 2017 | Final Action Date: Feb 2, 2018 | [Approved](#)

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- ▶ ANSI/UL 1026-2018b, Standard for Safety for Household Electric Cooking and Food Serving Appliances (proposal dated 5-18-18) (revision of ANSI/UL 1026-2018)  
Public Review Date: May 18, 2018 | Final Action Date: Jul 17, 2018 | [Approved](#)

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- ▶ ANSI/UL 1026-2019, Standard for Safety for Household Electric Cooking and Food Serving Appliances (proposal dated 3-29-19) (revision of ANSI/UL 1026-2018)  
Public Review Date: Mar 29, 2019 | Final Action Date: Jun 6, 2019 | [Approved](#)

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- ▶ ANSI/UL 1026-2021, Standard for Safety for Household Electric Cooking and Food Serving Appliances (revision of ANSI/UL 1026-2012)  
Public Review Date: Nov 6, 2020 | Final Action Date: Feb 2, 2021 | [Approved](#)

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- ▶ ANSI/UL 1026-2021a, Standard for Safety for Motor-Operated Household Food Preparing Machines (revision of ANSI/UL 1026-2019)  
Public Review Date: Jan 29, 2021 | Final Action Date: Mar 19, 2021 | [Approved](#)

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- ▶ ANSI/UL 1029-2012 (R2022), Standard for High-Intensity-Discharge Lamp Ballasts (reaffirmation of ANSI/UL 1029-2012 (R2017))  
Public Review Date: Apr 15, 2022 | Final Action Date: Jul 15, 2022 | [Approved](#)

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- ▶ ANSI/UL 103-2012 (R2021), Standard for Safety for Factory-Built Chimneys for Residential Type and Building Heating Appliances (reaffirmation of ANSI/UL 103-2012 (R2017))  
Public Review Date: Jul 9, 2021 | Final Action Date: Sep 24, 2021 | [Approved](#)

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- ▶ ANSI/UL 1030-2017, Standard for Safety for Sheathed Heating Elements (revision of ANSI/UL 1030-2015)  
Public Review Date: Aug 18, 2017 | Final Action Date: Sep 28, 2017 | [Approved](#)

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- ▶ ANSI/UL 1030-2019, Standard for Safety for Sheathed Heating Elements (revision of ANSI/UL 1030-2017)  
Public Review Date: Dec 29, 2017 | Final Action Date: Oct 31, 2019 | [Approved](#)

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- ▶ ANSI/UL 1034-2015 (R2020), Standard for Burglary Resistant Electric Locking Mechanisms (reaffirmation of ANSI/UL 1034-2015)  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 3, 2020 | [Approved](#)

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- ▶ ANSI/UL 1037-2016, Standard for Safety for Antitheft Alarms and Devices (revision of ANSI/UL 1037-2004 (R2009))  
Public Review Date: Jan 16, 2015 | Final Action Date: Sep 9, 2016 | [Approved](#)

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- ▶ ANSI/UL 1037-2017, Standard for Safety for Antitheft Alarms and Devices (revision of ANSI/UL 1037-2016)  
Public Review Date: May 19, 2017 | Final Action Date: Sep 15, 2017 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 104-2016 (R2020), Standard for Safety for Elevator Door Locking Devices and Contacts (reaffirmation of ANSI/UL 104-2016)  
Public Review Date: Aug 7, 2020 | Final Action Date: Nov 17, 2020 | [Approved](#)

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- ▶ ANSI/UL 1040-2001 (R2022), Standard for Fire Test of Insulated Wall Construction (November 12, 2021) (reaffirmation of ANSI/UL 1040-2001 (R2017))  
Public Review Date: Nov 12, 2021 | Final Action Date: Jan 4, 2022 | [Approved](#)

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- ▶ ANSI/UL 1042-2016, Standard for Safety for Electric Baseboard Heating Equipment (revision of ANSI/UL 1042-2014)  
Public Review Date: Jun 10, 2016 | Final Action Date: Dec 14, 2016 | [Approved](#)

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- ▶ ANSI/UL 1042-2016a, Standard for Safety for Electric Baseboard Heating Equipment (revision of ANSI/UL 1042-2014)  
Public Review Date: Oct 28, 2016 | Final Action Date: Dec 14, 2016 | [Approved](#)

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- ▶ ANSI/UL 1042-2021, Standard for Safety for Electric Baseboard Heating Equipment (revision of ANSI/UL 1042-2009)  
Public Review Date: Nov 6, 2020 | Final Action Date: Feb 2, 2021 | [Approved](#)

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- ▶ ANSI/UL 1046-2022, Standard for Grease Filters for Exhaust Ducts (revision of BSR/UL 1046-202x)  
Public Review Date: May 13, 2022 | Final Action Date: Jun 22, 2022 | [Approved](#)

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- ▶ ANSI/UL 1047-2010 (R2020), Standard for Safety for Isolated Power Systems Equipment (reaffirmation of ANSI/UL 1047-2010 (R2015))  
Public Review Date: May 8, 2020 | Final Action Date: Jun 23, 2020 | [Approved](#)

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- ▶ ANSI/UL 1053-2011 (R2020), Standard for Safety for Ground-Fault Sensing and Relaying Equipment (reaffirmation of ANSI/UL 1053-2011 (R2015))  
Public Review Date: Jul 10, 2020 | Final Action Date: Sep 3, 2020 | [Approved](#)

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- ▶ ANSI/UL 1059-2017, Standard for Safety for Terminal Blocks (revision of ANSI/UL 1059-2011)  
Public Review Date: Jan 24, 2014 | Final Action Date: Dec 8, 2017 | [Approved](#)

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- ▶ ANSI/UL 1059-2017a, Standard for Safety for Terminal Blocks (revision and redesignation of ANSI/UL 1059-2011)  
Public Review Date: Aug 19, 2016 | Final Action Date: Dec 8, 2017 | [Approved](#)

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- ▶ ANSI/UL 1059-2019, Standard for Safety for Terminal Blocks (revision of ANSI/UL 1059-2017)  
Public Review Date: Aug 9, 2019 | Final Action Date: Nov 26, 2019 | [Approved](#)

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- ▶ ANSI/UL 1059-2020, Standard for Safety for Terminal Blocks (revision of ANSI/UL 1059-2019)  
Public Review Date: Apr 10, 2020 | Final Action Date: May 22, 2020 | [Approved](#)

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- ▶ ANSI/UL 1059-2021, Standard for Safety for Terminal Blocks (revision of ANSI/UL 1059-2020)  
Public Review Date: Apr 16, 2021 | Final Action Date: Jun 6, 2021 | [Approved](#)

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- ▶ ANSI/UL 1059-2022, Standard for Safety for Terminal Blocks (revision of ANSI/UL 1059-2021)  
Public Review Date: Jun 10, 2022 | Final Action Date: Jul 28, 2022 | [Approved](#)

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- ▶ ANSI/UL 1062-2020, Standard for Safety for Unit Substations (revision of ANSI/UL 1062-2014 (R2019))  
Public Review Date: May 15, 2020 | Final Action Date: Jul 20, 2020 | [Approved](#)

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- ▶ ANSI/UL 1063-2017, Standard for Safety for Machine-Tool Wire and Cables (Proposal dated 4-15-16) (revision of ANSI/UL 1063-2012)  
Public Review Date: Apr 15, 2016 | Final Action Date: May 19, 2017 | [Approved](#)

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- ▶ ANSI/UL 1063-2017a, Standard for Safety for Machine-Tool Wires and Cables (Proposal dated 11/18/16) (revision of ANSI/UL 1063-2012b)  
Public Review Date: Nov 18, 2016 | Final Action Date: May 19, 2017 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1063-2017b, Standard for Safety for Machine-Tool Wires and Cables (Proposal Dated 6/2/17) (revision of ANSI/UL 1063-2012)  
Public Review Date: Jun 2, 2017 | Final Action Date: Jul 13, 2017 | [Approved](#)

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- ▶ ANSI/UL 1063-2018, Standard for Safety for Machine-Tool Wires and Cables (revision of ANSI/UL 1063-2017)  
Public Review Date: May 11, 2018 | Final Action Date: Jul 2, 2018 | [Approved](#)

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- ▶ ANSI/UL 1063-2020, Standard for Machine-Tool Wires and Cable (revision of ANSI/UL 1063-2018)  
Public Review Date: Feb 14, 2020 | Final Action Date: Jun 4, 2020 | [Approved](#)

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- ▶ ANSI/UL 1063-2020a, Standard for Machine-Tool Wires and Cable (revision of ANSI/UL 1063-2018)  
Public Review Date: Feb 21, 2020 | Final Action Date: Jun 4, 2020 | [Approved](#)

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- ▶ ANSI/UL 1066-2022, Standard for Safety for Power Circuit Breakers up to 1000 V AC and 1500 V DC Used in Enclosures (revision of ANSI/UL 1066-2017)  
Public Review Date: Apr 8, 2022 | Final Action Date: Aug 1, 2022 | [Approved](#)

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- ▶ ANSI/UL 1067-2011, Standard for Safety for Electrically Conductive Equipment and Materials for Use in Flammable Anesthetizing Locations (new standard)  
PINS Date: Nov 26, 2010 | Public Review Date: Jun 3, 2011 | Final Action Date: Sep 30, 2011 | [Approved](#)

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- ▶ ANSI/UL 1067-2020, Standard for Safety for Electrically Conductive Equipment and Materials for Use in Flammable Anesthetizing Locations (revision of ANSI/UL 1067-2011 (R2015))  
Public Review Date: Oct 23, 2020 | Final Action Date: Dec 15, 2020 | [Approved](#)

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- ▶ ANSI/UL 1069-2018, The Standard for Safety for Hospital Signaling and Nurse Call Equipment (revision of ANSI/UL 1069-2017)  
Public Review Date: Apr 27, 2018 | Final Action Date: Jun 8, 2018 | [Approved](#)

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- ▶ ANSI/UL 1069-2019, The Standard for Safety for Hospital Signaling and Nurse Call Equipment (revision of ANSI/UL 1069-2018)  
Public Review Date: Nov 30, 2018 | Final Action Date: Apr 26, 2019 | [Approved](#)

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- ▶ ANSI/UL 1069-2020, Standard for Safety for Hospital Signaling and Nurse Call Equipment (revision of ANSI/UL 1069-2019)  
Public Review Date: Nov 22, 2019 | Final Action Date: Apr 23, 2020 | [Approved](#)

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- ▶ ANSI/UL 1069-2022, Standard for Safety for Hospital Signaling and Nurse Call Equipment (revision of ANSI/UL 1069-2020)  
Public Review Date: Dec 24, 2021 | Final Action Date: Feb 17, 2022 | [Approved](#)

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- ▶ ANSI/UL 1069-2022a, Standard for Safety for Hospital Signaling and Nurse Call Equipment (revision of ANSI/UL 1069-2022)  
Public Review Date: Jul 22, 2022 | Final Action Date: Sep 21, 2022 | [Approved](#)

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- ▶ ANSI/UL 1072-2020, Standard for Safety for Medium-Voltage Power Cables (revision of ANSI/UL 1072-2013 (R2018))  
Public Review Date: Jan 17, 2020 | Final Action Date: Mar 12, 2020 | [Approved](#)

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- ▶ ANSI/UL 1076-2018, Standard for Safety for Proprietary Burglar Alarm Units and Systems (revision of ANSI/UL 1076-2015)  
Public Review Date: Dec 5, 2014 | Final Action Date: Apr 6, 2018 | [Approved](#)

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- ▶ ANSI/UL 1076-2018a, Standard For Proprietary Burglar Alarm Units And Systems (revision of ANSI/UL 1076-2015)  
Public Review Date: Oct 23, 2015 | Final Action Date: Apr 6, 2018 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1076-2021, Standard for Safety for Proprietary Burglar Alarm Units and Systems (revision of ANSI/UL 1076-2018)  
Public Review Date: Jul 3, 2020 | Final Action Date: Feb 16, 2021 | [Approved](#)

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- ▶ ANSI/UL 1077-2016 (R2021), Standard for Safety for Supplementary Protectors for Use in Electrical Equipment (reaffirmation of ANSI/UL 1077-2016)  
Public Review Date: Sep 3, 2021 | Final Action Date: Nov 16, 2021 | [Approved](#)

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- ▶ ANSI/UL 1081-2016, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators (revision of ANSI/UL 1081-2014)  
Public Review Date: Jan 22, 2016 | Final Action Date: Aug 9, 2016 | [Approved](#)

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- ▶ ANSI/UL 1081-2016a, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators (revision of ANSI/UL 1081-2016)  
Public Review Date: Sep 16, 2016 | Final Action Date: Oct 21, 2016 | [Approved](#)

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- ▶ ANSI/UL 1081-2017, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators (revision of ANSI/UL 1081-2016a)  
Public Review Date: Feb 3, 2017 | Final Action Date: May 26, 2017 | [Approved](#)

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- ▶ ANSI/UL 1081-2017a, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators (revision of ANSI/UL 1081-2016)  
Public Review Date: Apr 21, 2017 | Final Action Date: May 26, 2017 | [Approved](#)

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- ▶ ANSI/UL 1081-2017b, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators (revision of ANSI/UL 1081-2017)  
Public Review Date: Jul 14, 2017 | Final Action Date: Oct 20, 2017 | [Approved](#)

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- ▶ ANSI/UL 1081-2017c, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators (revision of ANSI/UL 1081-2017)  
Public Review Date: Aug 11, 2017 | Final Action Date: Oct 20, 2017 | [Approved](#)

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- ▶ ANSI/UL 1081-2017d, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators (revision of ANSI/UL 1081-2017)  
Public Review Date: Sep 15, 2017 | Final Action Date: Oct 20, 2017 | [Approved](#)

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- ▶ ANSI/UL 1081-2020, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators (revision of ANSI/UL 1081-2017)  
Public Review Date: Apr 10, 2020 | Final Action Date: Jul 2, 2020 | [Approved](#)

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- ▶ ANSI/UL 1082-2016, Standard for Safety for Household Electric Coffee Makers and Brewing-Type Appliances (Proposal dated 3/11/16) (revision of ANSI/UL 1082-2015)  
Public Review Date: Mar 11, 2016 | Final Action Date: Sep 2, 2016 | [Approved](#)

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- ▶ ANSI/UL 1082-2016a, Standard for Safety for Household Electric Coffee Makers and Brewing-Type Appliances, Proposals dated 5/13/16 (revision of ANSI/UL 1082-2015a)  
Public Review Date: May 13, 2016 | Final Action Date: Sep 29, 2016 | [Approved](#)

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- ▶ ANSI/UL 1082-2016b, Standard for Safety for Household Electric Coffee Makers and Brewing-Type Appliances (Proposals Dated 7/29/16) (revision of ANSI/UL 1082-2015)  
Public Review Date: Jul 29, 2016 | Final Action Date: Sep 29, 2016 | [Approved](#)

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- ▶ ANSI/UL 1082-2016c, Standard for Safety for Household Electric Coffee Makers and Brewing Type Appliances, Proposals Dated 8/19/16 (revision of ANSI/UL 1082-2015)  
Public Review Date: Aug 19, 2016 | Final Action Date: Sep 29, 2016 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1082-2016d, Standard for Safety for Household Electric Coffee Makers and Brewing-Type Appliances (Proposals dated 4/15/16) (revision of ANSI/UL 1082-2015)  
Public Review Date: Apr 15, 2016 | Final Action Date: Sep 29, 2016 | [Approved](#)

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- ▶ ANSI/UL 1082-2017, Standard for Safety for Household Electric Coffee Makers and Brewing Type Appliances (Proposals dated 9/30/16) (revision of ANSI/UL 1082-2016)  
Public Review Date: Sep 30, 2016 | Final Action Date: Mar 24, 2017 | [Approved](#)

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- ▶ ANSI/UL 1082-2017a, Standard for Safety for Household Electric Coffee Makers and Brewing Type Appliances (Proposals dated 11/25/16) (revision of ANSI/UL 1082-2016)  
Public Review Date: Nov 25, 2016 | Final Action Date: Mar 24, 2017 | [Approved](#)

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- ▶ ANSI/UL 1082-2017b, Standard for Safety for Household Electric Coffee Makers and Brewing-Type Appliances (proposal dated 7-21-17) (revision of ANSI/UL 1082-2017)  
Public Review Date: Jul 21, 2017 | Final Action Date: Sep 28, 2017 | [Approved](#)

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- ▶ ANSI/UL 1083-2016, Standard for Safety for Household Electric Skillets and Frying-Type Appliances (Proposal Dated 3/11/16) (revision of ANSI/UL 1083-2013)  
Public Review Date: Mar 11, 2016 | Final Action Date: Jul 15, 2016 | [Approved](#)

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- ▶ ANSI/UL 1083-2016a, Standard for Safety for Household Electric Skillets and Frying-Type Appliances (Proposals dated 4/15/16) (revision of ANSI/UL 1083-2013)  
Public Review Date: Apr 15, 2016 | Final Action Date: Jul 15, 2016 | [Approved](#)

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- ▶ ANSI/UL 1083-2016b, Standard for Safety for Household Electric Skillets and Frying-Type Appliances, Proposals Dated 8/5/16 (revision of ANSI/UL 1083-2016)  
Public Review Date: Aug 5, 2016 | Final Action Date: Oct 4, 2016 | [Approved](#)

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- ▶ ANSI/UL 1086-2022, Standard for Safety for Household Trash Compactors (revision of ANSI/UL 1086-2016)  
Public Review Date: Apr 15, 2022 | Final Action Date: May 27, 2022 | [Approved](#)

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- ▶ ANSI/UL 1088-2019, Standard for Safety for Temporary Lighting Strings (revision of ANSI/UL 1088-2015)  
Public Review Date: Jul 27, 2018 | Final Action Date: Jan 28, 2019 | [Approved](#)

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- ▶ ANSI/UL 1088-2022, Standard for Safety for Temporary Lighting Strings (revision of ANSI/UL 1088-2019)  
Public Review Date: Sep 3, 2021 | Final Action Date: Mar 21, 2022 | [Approved](#)

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- ▶ ANSI/UL 109-2020, Standard For Safety For Tube Fittings for Flammable and Combustible Fluids, Refrigeration Service, and Marine Use (revision of ANSI/UL 109-2009 (R2018))  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 30, 2020 | [Approved](#)

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- ▶ ANSI/UL 1090-2020, Standard for Safety for Electric Snow Movers (revision of ANSI/UL 1090-2019)  
Public Review Date: Feb 14, 2020 | Final Action Date: May 1, 2020 | [Approved](#)

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- ▶ ANSI/UL 1090-2022, Standard for Safety for Electric Snow Movers (revision of ANSI/UL 1090-2020)  
Public Review Date: Feb 4, 2022 | Final Action Date: Mar 14, 2022 | [Approved](#)

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- ▶ ANSI/UL 1091-2022, Standard for Butterfly Valves for Fire-Protection Service (new standard)  
PINS Date: Jul 26, 2019 | Public Review Date: Sep 27, 2019 | Final Action Date: Apr 20, 2022 | [Approved](#)

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- ▶ ANSI/UL 1097-2012 (R2021), Standard for Safety for Double Insulation Systems for Use in Electrical Equipment, (October 29, 2021) (reaffirmation of ANSI/UL 1097-2012 (R2016))  
Public Review Date: Oct 29, 2021 | Final Action Date: Dec 16, 2021 | [Approved](#)

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- ▶ ANSI/UL 10A-2009a (R2022), Standard for Tin-Clad Fire Doors (January 21, 2022) (reaffirmation of ANSI/UL 10A-2009a (R2018))  
Public Review Date: Jan 21, 2022 | Final Action Date: Mar 10, 2022 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 10B-2015 (R2020), Standard for Fire Tests of Door Assemblies (reaffirmation of ANSI/UL 10B-2015)  
Public Review Date: Jan 3, 2020 | Final Action Date: May 4, 2020 | [Approved](#)

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- ▶ ANSI/UL 10C-2016 (R2021), Standard for Positive Pressure Fire Tests of Door Assemblies (reaffirmation of ANSI/UL 10C-2016)  
Public Review Date: Feb 12, 2021 | Final Action Date: May 27, 2021 | [Approved](#)

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- ▶ ANSI/UL 10D-2017, Standard for Safety for Fire Tests of Fire Protective Curtain Assemblies (revision of ANSI/UL 10D-2014)  
Public Review Date: Mar 10, 2017 | Final Action Date: Sep 29, 2017 | [Approved](#)

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- ▶ ANSI/UL 10D-2017a, Standard for Safety for Fire Tests of Fire Protective Curtain Assemblies (revision of ANSI/UL 10D-2014)  
Public Review Date: Aug 4, 2017 | Final Action Date: Sep 29, 2017 | [Approved](#)

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- ▶ ANSI/UL 10D-2022, Standard for Fire Tests of Fire-Protective Curtain Assemblies (April 15, 2022) (revision of ANSI/UL 10D-2017a)  
Public Review Date: Apr 15, 2022 | Final Action Date: Jul 6, 2022 | [Approved](#)

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- ▶ ANSI/UL 110-2017, Standard for Sustainability for Mobile Phones (new standard)  
PINS Date: Jul 30, 2010 | Public Review Date: Feb 17, 2017 | Final Action Date: Mar 24, 2017 | [Approved](#)

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- ▶ ANSI/UL 110-2018, Standard for Sustainability for Mobile Phones (revision of ANSI/UL 110-2017)  
Public Review Date: Jan 26, 2018 | Final Action Date: Sep 28, 2018 | [Approved](#)

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- ▶ ANSI/UL 110-2018a, Standard for Sustainability for Mobile Phones (revision of ANSI/UL 110-2017)  
Public Review Date: Jul 27, 2018 | Final Action Date: Sep 28, 2018 | [Approved](#)

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- ▶ ANSI/UL 1123-2017, Standard for Safety for Marine Buoyant Devices (revision of ANSI/UL 1123-2011)  
Public Review Date: Jul 1, 2016 | Final Action Date: Jun 2, 2017 | [Approved](#)

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- ▶ ANSI/UL 1123-2017a, Standard for Marine Buoyant Devices (revision of ANSI/UL 1123-2011)  
Public Review Date: Sep 23, 2016 | Final Action Date: Jun 2, 2017 | [Approved](#)

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- ▶ ANSI/UL 1123-2017b, Standard for Marine Buoyant Devices (revision of ANSI/UL 1123-2011)  
Public Review Date: Feb 17, 2017 | Final Action Date: Jun 2, 2017 | [Approved](#)

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- ▶ ANSI/UL 1123-2020, Standard for Marine Buoyant Devices (revision of ANSI/UL 1123-2017)  
Public Review Date: Jul 31, 2020 | Final Action Date: Nov 23, 2020 | [Approved](#)

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- ▶ ANSI/UL 1175-2020, Standard for Buoyant Cushions (revision of ANSI/UL 1175-2010 (R2014))  
Public Review Date: Oct 4, 2019 | Final Action Date: Jan 10, 2020 | [Approved](#)

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- ▶ ANSI/UL 1180-2017, Standard for Fully Inflatable Recreational Personal Flotation Devices (revision of ANSI/UL 1180-2012)  
Public Review Date: Sep 9, 2016 | Final Action Date: Jun 30, 2017 | [Approved](#)

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- ▶ ANSI/UL 1180-2017a, Standard for Fully Inflatable Recreational Personal Flotation Devices (revision of ANSI/UL 1180-2012)  
Public Review Date: Feb 17, 2017 | Final Action Date: Jun 30, 2017 | [Approved](#)

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- ▶ ANSI/UL 1180-2020, Standard for Fully Inflatable Recreational Personal Flotation Devices (revision of ANSI/UL 1180-2017)  
Public Review Date: Jul 3, 2020 | Final Action Date: Sep 28, 2020 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1180-2021, Standard for Fully Inflatable Recreational Personal Flotation Devices (revision of ANSI/UL 1180-2020)  
Public Review Date: Mar 26, 2021 | Final Action Date: May 27, 2021 | [Approved](#)

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- ▶ ANSI/UL 1191-2018, Standard for Components for Personal Flotation Devices (revision of ANSI/UL 1191-2013)  
Public Review Date: Mar 31, 2017 | Final Action Date: Jan 16, 2018 | [Approved](#)

---
- ▶ ANSI/UL 1191-2018a, Standard for Components for Personal Flotation Devices (revision of ANSI/UL 1191-2013)  
Public Review Date: Dec 1, 2017 | Final Action Date: Jan 16, 2018 | [Approved](#)

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- ▶ ANSI/UL 1191-2019, Standard for Components for Personal Flotation Devices (revision of ANSI/UL 1191-2018)  
Public Review Date: Jun 8, 2018 | Final Action Date: May 28, 2019 | [Approved](#)

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- ▶ ANSI/UL 1191-2019a, Standard for Components for Personal Flotation Devices (revision of ANSI/UL 1191-2018)  
Public Review Date: Nov 16, 2018 | Final Action Date: May 28, 2019 | [Approved](#)

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- ▶ ANSI/UL 1191-2021, Standard for Components for Personal Flotation Devices (revision of ANSI/UL 1191-2019)  
Public Review Date: Feb 12, 2021 | Final Action Date: Apr 13, 2021 | [Approved](#)

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- ▶ ANSI/UL 1191-2022, Standard for Components for Personal Flotation Devices (March 25, 2022) (revision of ANSI/UL 1191-2021)  
Public Review Date: Mar 25, 2022 | Final Action Date: Jun 22, 2022 | [Approved](#)

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- ▶ ANSI/UL 120002-2022, Recommended Practice for Certificates for Equipment for Hazardous (Classified) Locations (revision of ANSI/UL 120002-2009 (R2014))  
Public Review Date: Jan 21, 2022 | Final Action Date: Mar 3, 2022 | [Approved](#)

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- ▶ ANSI/UL 1201-2016, Standard for Sensor Operated Backwater Prevention System (new standard)  
PINS Date: Apr 17, 2015 | Public Review Date: Jun 10, 2016 | Final Action Date: Dec 14, 2016 | [Approved](#)

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- ▶ ANSI/UL 1201-2016a, Standard for Sensor Operated Backwater Prevention System (new standard)  
PINS Date: Apr 17, 2015 | Public Review Date: Oct 7, 2016 | Final Action Date: Dec 14, 2016 | [Approved](#)

---
- ▶ ANSI/UL 1201-2018, Standard for Safety for Sensor Operated Backwater Prevention System (revision of ANSI/UL 1201-2016)  
Public Review Date: Aug 10, 2018 | Final Action Date: Oct 26, 2018 | [Approved](#)

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- ▶ ANSI/UL 120101-2019, Standard for Safety for Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations (revision and redesignation of ANSI/ISA 12.01.01-2013)  
Public Review Date: Aug 16, 2019 | Final Action Date: Dec 3, 2019 | [Approved](#)

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- ▶ ANSI/UL 120202-2014 (R2022), Standard for Safety for Recommendations for the Preparation, Content, and Organization of Intrinsic Safety Control Drawings (reaffirmation of ANSI/UL 120202-2014 (R2017))  
Public Review Date: Feb 18, 2022 | Final Action Date: Apr 11, 2022 | [Approved](#)

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- ▶ ANSI/UL 1203-2018, Standard for Safety for Explosion-Proof and Dust-Ignition Proof Electrical Equipment for Use in Hazardous (Classified) Locations (revision of ANSI/UL 1203-2015)  
Public Review Date: Jan 12, 2018 | Final Action Date: Feb 16, 2018 | [Approved](#)

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- ▶ ANSI/UL 1203-2018a, Standard for Safety for Explosion-Proof and Dust-Ignition Proof Electrical Equipment for Use in Hazardous (Classified) Locations (revision of ANSI/UL 1203-2018)  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 30, 2018 | [Approved](#)

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- ▶ ANSI/UL 1203-2018b, Standard for Safety for Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations (revision of ANSI/UL 1203-2018)  
Public Review Date: Aug 24, 2018 | Final Action Date: Oct 16, 2018 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1203-2019, Standard for Safety for Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations (revision of ANSI/UL 1203-2018)  
Public Review Date: Feb 15, 2019 | Final Action Date: Apr 16, 2019 | [Approved](#)

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- ▶ ANSI/UL 1203-2020, Standard for Safety for Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations (revision of ANSI/UL 1203-2019)  
Public Review Date: Nov 15, 2019 | Final Action Date: Jan 30, 2020 | [Approved](#)

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- ▶ ANSI/UL 1203-2020a, Standard for Safety for Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations (revision of ANSI/UL 1203-2020)  
Public Review Date: Jun 26, 2020 | Final Action Date: Jul 31, 2020 | [Approved](#)

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- ▶ ANSI/UL 1203-2021, Standard for Safety for Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations (revision of ANSI/UL 1203-2020)  
Public Review Date: Feb 5, 2021 | Final Action Date: Mar 31, 2021 | [Approved](#)

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- ▶ ANSI/UL 1203-2022, Standard for Safety for Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations (revision of ANSI/UL 1203-2021)  
Public Review Date: Feb 25, 2022 | Final Action Date: Apr 5, 2022 | [Approved](#)

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- ▶ ANSI/UL 1204-2018 (R2023), Standard for Safety for Parts Cleaners (reaffirmation of ANSI/UL 1204-2018)  
Public Review Date: Nov 4, 2022 | Final Action Date: Jan 5, 2023 | [Approved](#)

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- ▶ ANSI/UL 1206-2017, Standard for Safety for Electric Commercial Clothes-Washing Equipment (proposal dated 7-28-17) (revision of ANSI/UL 1206-2012a)  
Public Review Date: Jul 28, 2017 | Final Action Date: Oct 3, 2017 | [Approved](#)

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- ▶ ANSI/UL 1206-2018, Standard for Safety for Electric Commercial Clothes-Washing Equipment (proposal dated 1-26-18) (revision of ANSI/UL 1206-2017)  
Public Review Date: Jan 26, 2018 | Final Action Date: Mar 16, 2018 | [Approved](#)

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- ▶ ANSI/UL 1206-2019, Standard for Safety for Electric Commercial Clothes-Washing Equipment (revision of ANSI/UL 1206-2018)  
Public Review Date: Nov 9, 2018 | Final Action Date: Jan 7, 2019 | [Approved](#)

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- ▶ ANSI/UL 1206-2021, Standard For Safety For Electric Commercial Clothes-Washing (revision of ANSI/UL 1206-2019)  
Public Review Date: Apr 16, 2021 | Final Action Date: Jun 14, 2021 | [Approved](#)

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- ▶ ANSI/UL 121201-2017, Standard for Safety for Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations (Proposal dated 06-09-17) (revision and redesignation of ANSI/ISA 12.12.01-2015 / CAN/CSA C22.2 No. 213)  
Public Review Date: Jun 9, 2017 | Final Action Date: Sep 15, 2017 | [Approved](#)

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- ▶ ANSI/UL 121201-2019, Standard for Safety for Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations (revision of ANSI/UL 121201-2017)  
Public Review Date: May 31, 2019 | Final Action Date: Aug 26, 2019 | [Approved](#)

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- ▶ ANSI/UL 121201-2019a, Standard for Safety for Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations (revision of ANSI/UL 121201-2017)  
Public Review Date: Mar 8, 2019 | Final Action Date: Aug 26, 2019 | [Approved](#)

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- ▶ ANSI/UL 121201-2021, Standard for Safety for Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations (revision of ANSI/UL 121201-2019)  
Public Review Date: Nov 6, 2020 | Final Action Date: Apr 1, 2021 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 121203-2021, Recommended Practice for Portable/Personal Electronic Products Suitable for Use in Class I, Division 2, Class I, Zone 2, Class II, Division 2, Class III, Division 1, Class III, Division 2, Zone 21 and Zone 22 Hazardous (Classified) Locations (revision of ANSI/UL 121203-2011 (R2015))  
Public Review Date: Sep 25, 2020 | Final Action Date: Jan 14, 2021 | [Approved](#)

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- ▶ ANSI/UL 121303-2020, Standard for Safety for Guide for Use of Detectors for Flammable Gases (revision and redesignation of BSR/UL 121303-202x)  
Public Review Date: Jun 5, 2020 | Final Action Date: Sep 9, 2020 | [Approved](#)

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- ▶ ANSI/UL 122-2019, Photographic Equipment (revision of ANSI/UL 122-2007 (R2015))  
Public Review Date: Jul 26, 2019 | Final Action Date: Oct 1, 2019 | [Approved](#)

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- ▶ ANSI/UL 122001-2009 (R2019), Standard for Safety for General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2 Hazardous (Classified) Locations (reaffirmation of ANSI/UL 122001-2009 (R2014))  
Public Review Date: Dec 14, 2018 | Final Action Date: Feb 14, 2019 | [Approved](#)

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- ▶ ANSI/UL 122701-2022, Standard for Safety for Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids (revision of ANSI/UL 122701-2017 (R2021))  
Public Review Date: Aug 12, 2022 | Final Action Date: Sep 29, 2022 | [Approved](#)

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- ▶ ANSI/UL 123-2014 (R2019), Standard for Safety for Oxy-Fuel Gas Torches (reaffirmation of ANSI/UL 123-2014)  
Public Review Date: Jun 21, 2019 | Final Action Date: Sep 4, 2019 | [Approved](#)

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- ▶ ANSI/UL 1236-2016 (R2021), Standard for Safety for Battery Chargers for Charging Engine-Starter Batteries (reaffirmation of ANSI/UL 1236-2016)  
Public Review Date: Oct 30, 2020 | Final Action Date: Jan 12, 2021 | [Approved](#)

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- ▶ ANSI/UL 1238-2019, Standard for Safety for Control Equipment for Use with Flammable Liquid Dispensing Devices (revision of ANSI/UL 1238-2016)  
Public Review Date: Jun 7, 2019 | Final Action Date: Aug 1, 2019 | [Approved](#)

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- ▶ ANSI/UL 1238-2019a, Standard for Safety for Control Equipment for Use with Flammable Liquid Dispensing Devices (revision of ANSI/UL 1238-2019)  
Public Review Date: Sep 6, 2019 | Final Action Date: Oct 28, 2019 | [Approved](#)

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- ▶ ANSI/UL 1238-2022, Standard for Safety for Control Equipment for Use with Flammable Liquid and LP-Gas Dispensing Devices (revision of ANSI/UL 1238-2019)  
Public Review Date: Nov 19, 2021 | Final Action Date: Jan 19, 2022 | [Approved](#)

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- ▶ ANSI/UL 1240-2017, Standard for Safety for Electric Commercial Clothes-Drying Equipment (proposal dated 7-28-17) (revision of ANSI/UL 1240-2012)  
Public Review Date: Jul 28, 2017 | Final Action Date: Oct 20, 2017 | [Approved](#)

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- ▶ ANSI/UL 1240-2018, Standard for Safety for Electric Commercial Clothes-Drying Equipment (proposal dated 1-26-18) (revision of ANSI/UL 1240-2017)  
Public Review Date: Jan 26, 2018 | Final Action Date: Mar 16, 2018 | [Approved](#)

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- ▶ ANSI/UL 1240-2019, Standard for Safety for Electric Commercial Clothes-Drying Equipment (proposal dated 11/9/18) (revision of ANSI/UL 1240-2018)  
Public Review Date: Nov 9, 2018 | Final Action Date: Jan 7, 2019 | [Approved](#)

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- ▶ ANSI/UL 1240-2019a, Standard for Safety for Electric Commercial Clothes-Drying Equipment (proposal dated 2/1/19) (revision of ANSI/UL 1240-2019)  
Public Review Date: Feb 1, 2019 | Final Action Date: Mar 25, 2019 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1240-2021, Standard for Safety for Electric Commercial Clothes-Drying Equipment (revision of ANSI/UL 1240-2019)  
Public Review Date: Jun 18, 2021 | Final Action Date: Sep 14, 2021 | [Approved](#)

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- ▶ ANSI/UL 12402-4-2020, Standard for Personal Flotation Devices - Part 4: Lifejackets, performance level 100 — Safety requirements (national adoption with modifications of ISO 12402-4)  
PINS Date: Oct 9, 2015 | Public Review Date: Sep 13, 2019 | Final Action Date: Jul 9, 2020 | [Approved](#)

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- ▶ ANSI/UL 12402-5-2019, Standard for Personal Flotation Devices - Part 5: Buoyancy Aids (Level 50) - Safety Requirements (national adoption of ISO 12402-5 with modifications and revision of ANSI/UL 12402-5-2015)  
Public Review Date: Oct 27, 2017 | Final Action Date: Aug 9, 2019 | [Approved](#)

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- ▶ ANSI/UL 12402-5-2019a, Standard for Personal Flotation Devices - Part 5: Buoyancy Aids (Level 50) - Safety Requirements (national adoption of ISO 12402-5 with modifications and revision of ANSI/UL 12402-5-2015)  
Public Review Date: May 11, 2018 | Final Action Date: Aug 9, 2019 | [Approved](#)

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- ▶ ANSI/UL 12402-5-2019b, Standard for Personal Flotation Devices - Part 5: Buoyancy Aids (Level 50) - Safety Requirements (national adoption of ISO 12402-5 with modifications and revision of ANSI/UL 12402-5-2015)  
Public Review Date: Oct 26, 2018 | Final Action Date: Aug 9, 2019 | [Approved](#)

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- ▶ ANSI/UL 12402-5-2021, Standard for Personal Flotation Devices - Part 5: Buoyancy Aids (Level 50) - Safety Requirements (revision of ANSI/UL 12402-5-2019)  
Public Review Date: Nov 13, 2020 | Final Action Date: Mar 30, 2021 | [Approved](#)

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- ▶ ANSI/UL 12402-5-2022, Standard for Personal Flotation Devices - Part 5: Buoyancy Aids (Level 50) - Safety Requirements (October 8, 2021) (national adoption of ISO 12402-5 with modifications and revision of ANSI/UL 12402-5-2021)  
Public Review Date: Oct 8, 2021 | Final Action Date: Jan 27, 2022 | [Approved](#)

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- ▶ ANSI/UL 12402-9-2021, Standard for Personal Flotation Devices - Part 9: Test Methods (identical national adoption of ISO 12402-9 and revision of ANSI/UL 12402-9-2015)  
Public Review Date: Sep 11, 2020 | Final Action Date: Feb 11, 2021 | [Approved](#)

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- ▶ ANSI/UL 12402-9-2022, Standard for Personal Flotation Devices - Part 9: Test Methods (October 8, 2021) (national adoption of ISO 12402-9 with modifications and revision of ANSI/UL 12402-9-2021)  
Public Review Date: Oct 8, 2021 | Final Action Date: Jan 18, 2022 | [Approved](#)

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- ▶ ANSI/UL 1241-2019, Standard for Safety for Junction Boxes for Swimming Pool Luminaires (revision of ANSI/UL 1241-2013)  
Public Review Date: Sep 14, 2018 | Final Action Date: Jan 14, 2019 | [Approved](#)

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- ▶ ANSI/UL 1241-2022, Standard for Safety for Junction Boxes for Swimming Pool Luminaires (revision of ANSI/UL 1241-2019)  
Public Review Date: Jan 21, 2022 | Final Action Date: Apr 12, 2022 | [Approved](#)

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- ▶ ANSI/UL 1242-2018, Standard for Safety for Electrical Intermediate Metal Conduit - Steel (revision of ANSI/UL 1242-2014)  
Public Review Date: May 11, 2018 | Final Action Date: Jun 25, 2018 | [Approved](#)

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- ▶ ANSI/UL 1242-2020, Standard for Electrical Intermediate Metal Conduit - Steel (revision of ANSI/UL 1242-2018)  
Public Review Date: Apr 10, 2020 | Final Action Date: Aug 21, 2020 | [Approved](#)

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- ▶ ANSI/UL 1242-2022, Standard for Electrical Intermediate Metal Conduit – Steel (revision of ANSI/UL 1242-2020)  
Public Review Date: Mar 4, 2022 | Final Action Date: Apr 18, 2022 | [Approved](#)

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- ▶ ANSI/UL 1247-2019, Standard for Diesel Engines for Driving Stationary Fire Pumps (revision of ANSI/UL 1247-2014)  
Public Review Date: Jul 26, 2019 | Final Action Date: Oct 17, 2019 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1247-2020, UL Standard for Safety for Diesel Engines for Driving Stationary Fire Pumps (revision of ANSI/UL 1247-2019)  
Public Review Date: Mar 20, 2020 | Final Action Date: Jun 1, 2020 | [Approved](#)

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- ▶ ANSI/UL 1247-2020a, Standard for Safety for Diesel Engines for Driving Stationary Fire Pumps (revision of ANSI/UL 1247-2020)  
Public Review Date: Jun 12, 2020 | Final Action Date: Aug 12, 2020 | [Approved](#)

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- ▶ ANSI/UL 125-2014, Standard for Safety for Flow Control Valves for Anhydrous Ammonia and LP-Gas (Proposals Dated 10-25-13) (revision of ANSI/UL 125-2011)  
Public Review Date: Jun 28, 2013 | Final Action Date: Mar 19, 2014 | [Approved](#)

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- ▶ ANSI/UL 125-2018, Standard for Safety for Flow Control Valves for Anhydrous Ammonia and LP-Gas (revision of ANSI/UL 125-2014)  
Public Review Date: Oct 20, 2017 | Final Action Date: Jan 11, 2018 | [Approved](#)

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- ▶ ANSI/UL 125-2020, Flow Control Valves for Anhydrous Ammonia and LP-Gas (revision of ANSI/UL 125-2018)  
Public Review Date: Jan 24, 2020 | Final Action Date: Jul 6, 2020 | [Approved](#)

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- ▶ ANSI/UL 125-2021, Standard for Safety for Flow Control Valves for Anhydrous Ammonia and LP-Gas (revision of ANSI/UL 125-2020)  
Public Review Date: Jan 8, 2021 | Final Action Date: Aug 26, 2021 | [Approved](#)

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- ▶ ANSI/UL 1254-2020 (R2022), Standard for Pre-Engineered Dry and Wet Chemical Extinguishing System Units (December 3, 2021) (revision of ANSI/UL 1254-2020)  
Public Review Date: Dec 3, 2021 | Final Action Date: Feb 9, 2022 | [Approved](#)

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- ▶ ANSI/UL 1256-2013 (R2018), Standard for Fire Test of Roof Deck Constructions (reaffirmation of ANSI/UL 1256-2013)  
Public Review Date: Jun 8, 2018 | Final Action Date: Aug 10, 2018 | [Approved](#)

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- ▶ ANSI/UL 1261-2017 (R2022), Standard for Safety for Electric Water Heaters for Pools and Tubs (reaffirmation of ANSI/UL 1261-2017)  
Public Review Date: Jul 8, 2022 | Final Action Date: Aug 24, 2022 | [Approved](#)

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- ▶ ANSI/UL 127-2020, Standard for Safety for Factory-Built Fireplaces (revision of ANSI/UL 127-2015)  
Public Review Date: Nov 29, 2019 | Final Action Date: Jan 8, 2020 | [Approved](#)

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- ▶ ANSI/UL 1275-2021, Standard for Safety for Flammable Liquid Storage Cabinets (revision of ANSI/UL 1275-2010 (R2014))  
Public Review Date: May 7, 2021 | Final Action Date: Aug 26, 2021 | [Approved](#)

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- ▶ ANSI/UL 1277-2017, Standard for Safety for Electrical Power and Control Tray Cables with Optional Optical-Fiber Members (Proposals dated 2/3/17) (revision of ANSI/UL 1277-2013)  
Public Review Date: Feb 3, 2017 | Final Action Date: Dec 20, 2017 | [Approved](#)

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- ▶ ANSI/UL 1277-2017a, Standard for Safety for Electrical Power and Control Tray Cables with Optional Optical-Fiber Members (revision of ANSI/UL 1277-2013)  
Public Review Date: Jun 23, 2017 | Final Action Date: Dec 20, 2017 | [Approved](#)

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- ▶ ANSI/UL 1277-2017b, Standard for Safety for Electrical Power and Control Tray Cable with Optional Optical-Fiber Members (Proposal dated 11/10/17) (revision of ANSI/UL 1277-2013)  
Public Review Date: Nov 10, 2017 | Final Action Date: Dec 20, 2017 | [Approved](#)

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- ▶ ANSI/UL 1277-2018, Standard for Safety for Electrical Power and Control Tray Cables with Optional Optical-Fiber Members (revision of ANSI/UL 1277-2017)  
Public Review Date: Mar 2, 2018 | Final Action Date: Sep 12, 2018 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1277-2018a, Standard for Safety for Electrical Power and Control Tray Cables with Optional Optical-Fiber Members (revision of ANSI/UL 1277-2017)  
Public Review Date: Jul 6, 2018 | Final Action Date: Sep 12, 2018 | [Approved](#)

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- ▶ ANSI/UL 1277-2020, Standard for Safety for Electrical Power and Control Tray Cables with Optional Optical-Fiber Members (revision of ANSI/UL 1277-2018)  
Public Review Date: Feb 14, 2020 | Final Action Date: Jun 4, 2020 | [Approved](#)

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- ▶ ANSI/UL 1277-2021, Standard for Safety for Electrical Power and Control Tray Cables with Optional Optical-Fiber Members (revision of ANSI/UL 1277-2020)  
Public Review Date: Jan 22, 2021 | Final Action Date: Apr 12, 2021 | [Approved](#)

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- ▶ ANSI/UL 1277-2021a, Standard for Safety for Electrical Power and Control Tray Cables with Optional Optical-Fiber Members (revision of ANSI/UL 1277-2021)  
Public Review Date: May 7, 2021 | Final Action Date: Jul 8, 2021 | [Approved](#)

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- ▶ ANSI/UL 1277-2022, Standard for Safety for Electrical Power and Control Tray Cables with Optional Optical-Fiber Members (revision of ANSI/UL 1277-2021)  
Public Review Date: Sep 9, 2022 | Final Action Date: Oct 13, 2022 | [Approved](#)

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- ▶ ANSI/UL 1278-2017, Standard for Safety for Electric Baseboard Heating Equipment (revision of ANSI/UL 1278-2016)  
Public Review Date: Jun 9, 2017 | Final Action Date: Sep 14, 2017 | [Approved](#)

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- ▶ ANSI/UL 1278-2017a, Standard for Safety for Movable and Wall- or Ceiling-Hung Electric Room Heaters (revision of ANSI/UL 1278-2016)  
Public Review Date: Aug 4, 2017 | Final Action Date: Sep 14, 2017 | [Approved](#)

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- ▶ ANSI/UL 1278-2018, Standard for Safety for Movable and Wall- or Ceiling-Hung Electric Room Heaters (revision of ANSI/UL 1278-2017)  
Public Review Date: Jun 29, 2018 | Final Action Date: Aug 20, 2018 | [Approved](#)

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- ▶ ANSI/UL 1278-2020, Standard for Safety for Movable and Wall- or Ceiling-Hung Electric Room Heaters (revision of ANSI/UL 1278-2018)  
Public Review Date: Jun 19, 2020 | Final Action Date: Sep 10, 2020 | [Approved](#)

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- ▶ ANSI/UL 1278-2022, Standard for Safety for Movable and Wall- or Ceiling-Hung Electric Room Heaters (revision of ANSI/UL 1278-2020)  
Public Review Date: Dec 17, 2021 | Final Action Date: Feb 21, 2022 | [Approved](#)

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- ▶ ANSI/UL 1283-2015a, Standard for Safety for Electromagnetic Interference Filters (Proposal dated 07-24-15) (revision of ANSI/UL 1283-2015)  
Public Review Date: Jul 24, 2015 | Final Action Date: Dec 4, 2015 | [Approved](#)

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- ▶ ANSI/UL 1283-2015b, Standard for Safety for Electromagnetic Interference Filters (revision of ANSI/UL 1283-2015)  
Public Review Date: Oct 23, 2015 | Final Action Date: Dec 4, 2015 | [Approved](#)

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- ▶ ANSI/UL 1283-2017, Standard for Safety for Electromagnetic Interference Filters (revision of ANSI/UL 1283-2015b)  
Public Review Date: Mar 10, 2017 | Final Action Date: May 17, 2017 | [Approved](#)

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- ▶ ANSI/UL 1283-2018, Standard for Safety for Electromagnetic Interference Filters (revision of ANSI/UL 1283-2017)  
Public Review Date: Mar 2, 2018 | Final Action Date: Jun 5, 2018 | [Approved](#)

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- ▶ ANSI/UL 1283-2018a, Standard for Safety for Electromagnetic Interference Filters (revision of ANSI/UL 1283-2017)  
Public Review Date: May 4, 2018 | Final Action Date: Jun 5, 2018 | [Approved](#)

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- ▶ ANSI/UL 1283-2020, Standard for Safety for Electromagnetic Interference Filters (revision of ANSI/UL 1283-2018)  
Public Review Date: May 1, 2020 | Final Action Date: Jun 3, 2020 | [Approved](#)

**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1285-2022, Standard for Pipe and Couplings, Polyvinyl Chloride (PVC), and Oriented Polyvinyl Chloride (PVCO) for Underground Fire Service (new standard)  
PINS Date: Apr 30, 2021 | Public Review Date: Oct 29, 2021 | Final Action Date: Mar 21, 2022 | [Approved](#)

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- ▶ ANSI/UL 1286-2018, Standard for Safety for Office Furnishings Systems (revision of ANSI/UL 1286-2014)  
Public Review Date: Nov 10, 2017 | Final Action Date: Jan 4, 2018 | [Approved](#)

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- ▶ ANSI/UL 1286-2021, Standard for Safety for Office Furnishings Systems (revision of ANSI/UL 1286-2018)  
Public Review Date: Jan 22, 2021 | Final Action Date: Apr 15, 2021 | [Approved](#)

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- ▶ ANSI/UL 1286-2022, Standard for Safety for Off Furnishing Systems (revision of ANSI/UL 1286-2021)  
Public Review Date: Apr 15, 2022 | Final Action Date: Jun 24, 2022 | [Approved](#)

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- ▶ ANSI/UL 13-2017, Standard for Safety for Power-Limited Circuit Cables (Proposal dated 12/9/16) (revision of ANSI/UL 13-2015a)  
Public Review Date: Dec 9, 2016 | Final Action Date: Jun 7, 2017 | [Approved](#)

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- ▶ ANSI/UL 13-2018, Standard for Safety for Power-Limited Circuit Cables (revision of ANSI/UL 13-2017)  
Public Review Date: Mar 9, 2018 | Final Action Date: May 3, 2018 | [Approved](#)

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- ▶ ANSI/UL 13-2019, Standard for Power-Limited Circuits Cables (revision of ANSI/UL 13-2018)  
Public Review Date: Jul 26, 2019 | Final Action Date: Oct 8, 2019 | [Approved](#)

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- ▶ ANSI/UL 13-2020, Standard for Safety for Power-Limited Circuit Cables (revision of ANSI/UL 13-2019)  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ ANSI/UL 13-2021, Standard for Safety for Power-Limited Circuit Cables (revision of ANSI/UL 13-2020)  
Public Review Date: Sep 3, 2021 | Final Action Date: Oct 13, 2021 | [Approved](#)

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- ▶ ANSI/UL 13-2022, Standard for Safety for Power-Limited Circuit Cables (revision of ANSI/UL 13-2020)  
Public Review Date: Feb 4, 2022 | Final Action Date: Mar 18, 2022 | [Approved](#)

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- ▶ ANSI/UL 1309-2017 (R2022), Standard for Safety for Marine Shipboard Cable (reaffirmation of ANSI/UL 1309-2017)  
Public Review Date: Mar 4, 2022 | Final Action Date: Apr 20, 2022 | [Approved](#)

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- ▶ ANSI/UL 1310-2019, Standard for Safety for Class 2 Power Units (revision of ANSI/UL 1310-2014)  
Public Review Date: May 10, 2019 | Final Action Date: Jul 25, 2019 | [Approved](#)

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- ▶ ANSI/UL 1310-2019A, Standard for Safety for Class 2 Power Units (revision of ANSI/UL 1310-2017)  
Public Review Date: Feb 8, 2019 | Final Action Date: Jul 25, 2019 | [Approved](#)

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- ▶ ANSI/UL 1310-2019B, Standard for Safety for Class 2 Power Units (revision of ANSI/UL 1310-2017)  
Public Review Date: Nov 23, 2018 | Final Action Date: Jul 25, 2019 | [Approved](#)

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- ▶ ANSI/UL 1310-2022, Standard for Class 2 Power Units (revision of ANSI/UL 1310-2019)  
Public Review Date: Jan 21, 2022 | Final Action Date: Jun 9, 2022 | [Approved](#)

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- ▶ ANSI/UL 1315-2022, Standard for Safety for Safety Containers for Waste Paper (revision of ANSI/UL 1315-2003 (R2017))  
Public Review Date: Apr 8, 2022 | Final Action Date: Jun 22, 2022 | [Approved](#)

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- ▶ ANSI/UL 1316-2018, Standard For Fibre Reinforced Plastic Underground Tanks For Flammable And Combustible Liquids (new standard)  
Public Review Date: Jan 19, 2018 | Final Action Date: Nov 21, 2018 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1316-2018a, Standard For Fibre Reinforced Plastic Underground Tanks For Flammable And Combustible Liquids (new standard)  
Public Review Date: Jun 29, 2018 | Final Action Date: Nov 21, 2018 | [Approved](#)
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- ▶ ANSI/UL 1316-2019, Standard For Fibre Reinforced Plastic Underground Tanks For Flammable And Combustible Liquids (revision of ANSI/UL 1316-2006)  
Public Review Date: Aug 24, 2018 | Final Action Date: Mar 12, 2019 | [Approved](#)
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- ▶ ANSI/UL 132-2018, Standard for Safety for Safety Relief Valves for Anhydrous Ammonia and LP-Gas (revision of ANSI/UL 132-2016)  
Public Review Date: Sep 22, 2017 | Final Action Date: Jan 11, 2018 | [Approved](#)
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- ▶ ANSI/UL 132-2018a, Standard for Safety for Safety Relief Valves for Anhydrous Ammonia and LP-Gas (revision of ANSI/UL 132-2016)  
Public Review Date: Dec 1, 2017 | Final Action Date: Jan 11, 2018 | [Approved](#)
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- ▶ ANSI/UL 132-2020, Standard for Safety for Safety Relief Valves for Anhydrous Ammonia and LP-Gas (revision of ANSI/UL 132-2015)  
Public Review Date: Aug 16, 2019 | Final Action Date: Jan 16, 2020 | [Approved](#)
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- ▶ ANSI/UL 132-2021, Standard for Safety for Relief Valves for Anhydrous Ammonia and LP-Gas (revision of ANSI/UL 132-2020)  
Public Review Date: Jun 18, 2021 | Final Action Date: Sep 21, 2021 | [Approved](#)
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- ▶ ANSI/UL 1322-2017 (R2023), Standard for Fabricated Scaffold Planks and Stages (reaffirmation of ANSI/UL 1322-2017)  
Public Review Date: May 13, 2022 | Final Action Date: Jan 6, 2023 | [Approved](#)
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- ▶ ANSI/UL 1323-2020, Standard for Scaffold Hoists (revision of ANSI/UL 1323-2014 (R2019))  
Public Review Date: Nov 22, 2019 | Final Action Date: Feb 26, 2020 | [Approved](#)
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- ▶ ANSI/UL 1323-2020a, Standard for Safety for Scaffold Hoists (revision of ANSI/UL 1323-2020)  
Public Review Date: Sep 18, 2020 | Final Action Date: Nov 25, 2020 | [Approved](#)
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- ▶ ANSI/UL 1323-2023, Standard for Scaffold Hoists (revision of ANSI/UL 1323-2020)  
Public Review Date: Nov 25, 2022 | Final Action Date: Jan 4, 2023 | [Approved](#)
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- ▶ ANSI/UL 1332-2016, Standard for Safety for Organic Coatings for Steel Enclosures for Outdoor Use Electrical Equipment (revision of ANSI/UL 1332-2005 (R2010))  
Public Review Date: May 29, 2015 | Final Action Date: Feb 12, 2016 | [Approved](#)
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- ▶ ANSI/UL 1332-2020, Standard For Safety For Organic Coatings for Steel Enclosures for Outdoor Use Electrical Equipment (revision of ANSI/UL 1332-2016)  
Public Review Date: Mar 27, 2020 | Final Action Date: Apr 29, 2020 | [Approved](#)
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- ▶ ANSI/UL 1337-2022, Standard for Safety for LP-Gas, Natural Gas, and Manufactured Gas Devices for Engine Fuel Systems (new standard)  
Public Review Date: Mar 18, 2022 | Final Action Date: Dec 7, 2022 | [Approved](#)
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- ▶ ANSI/UL 136-2019, Standard for Safety for Pressure Cookers (revision of ANSI/UL 136-2010 (R2015))  
Public Review Date: May 7, 2019 | Final Action Date: Oct 22, 2019 | [Approved](#)
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- ▶ ANSI/UL 1363-2018, Standard for Safety for Relocatable Power Taps (new standard)  
PINS Date: Oct 13, 2017 | Public Review Date: Apr 20, 2018 | Final Action Date: Jun 12, 2018 | [Approved](#)
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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1369-2018, Standard for Safety for Aboveground Piping for Flammable and Combustible Liquids (new standard)  
PINS Date: Jun 23, 2017 | Public Review Date: May 4, 2018 | Final Action Date: Aug 30, 2018 | [Approved](#)

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- ▶ ANSI/UL 1369-2018a, Standard for Safety for Aboveground Piping for Flammable and Combustible Liquids (new standard)  
PINS Date: Jun 23, 2017 | Public Review Date: Jul 13, 2018 | Final Action Date: Aug 30, 2018 | [Approved](#)

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- ▶ ANSI/UL 1369-2020, Standard for Safety for Aboveground Piping for Flammable and Combustible Liquids (revision of ANSI/UL 1369-2018a)  
Public Review Date: Jun 12, 2020 | Final Action Date: Aug 25, 2020 | [Approved](#)

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- ▶ ANSI/UL 1370-2016, Standard for Safety for Unvented Alcohol Fuel Burning Decorative Appliances (revision of ANSI/UL 1370-2014)  
Public Review Date: Sep 4, 2015 | Final Action Date: Mar 14, 2016 | [Approved](#)

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- ▶ ANSI/UL 1384-2017, Standard for Water-Based Automatic Extinguisher Units (new standard)  
PINS Date: Sep 25, 2015 | Public Review Date: Sep 9, 2016 | Final Action Date: May 8, 2017 | [Approved](#)

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- ▶ ANSI/UL 1384-2021, Standard for Water-Based Automatic Extinguisher Units (revision of ANSI/UL 1384-2017)  
Public Review Date: Jun 18, 2021 | Final Action Date: Sep 28, 2021 | [Approved](#)

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- ▶ ANSI/UL 1389-2019, Standard for Safety for Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations (new standard)  
PINS Date: Nov 30, 2018 | Public Review Date: Oct 18, 2019 | Final Action Date: Nov 25, 2019 | [Approved](#)

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- ▶ ANSI/UL 1389-2020, Standard for Safety for Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations (revision of ANSI/UL 1389-2019)  
Public Review Date: Jul 17, 2020 | Final Action Date: Oct 13, 2020 | [Approved](#)

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- ▶ ANSI/UL 1389-2021, Standard for Safety for Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations (revision of ANSI/UL 1389-2020)  
Public Review Date: Jun 25, 2021 | Final Action Date: Nov 15, 2021 | [Approved](#)

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- ▶ ANSI/UL 140-2008 (R2018), Standard for Safety for Relocking Devices for Safes and Vaults (reaffirmation of ANSI/UL 140-2008 (R2012))  
Public Review Date: May 11, 2018 | Final Action Date: Jul 6, 2018 | [Approved](#)

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- ▶ ANSI/UL 141-2020, Standard for Safety for Garment Finishing Appliances (revision of ANSI/UL 141-2011 (R2016))  
Public Review Date: May 29, 2020 | Final Action Date: Jul 21, 2020 | [Approved](#)

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- ▶ ANSI/UL 1411-2011 (R2015), Standard for Safety for Transformers and Motor Transformers for Use in Audio-, Radio-, and Television-Type Appliances (reaffirmation of ANSI/UL 1411-2011)  
Public Review Date: Jul 3, 2015 | Final Action Date: Aug 31, 2015 | [Approved](#)

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- ▶ ANSI/UL 1412-2012 (R2022), Standard for Safety for Fusing Resistors and Temperature-Limited Resistors for Radio- and Television-Type Appliances (reaffirmation of ANSI/UL 1412-2012 (R2016))  
Public Review Date: Nov 26, 2021 | Final Action Date: Feb 7, 2022 | [Approved](#)

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- ▶ ANSI/UL 1416-2012 (R2022), Standard for Overcurrent and Overtemperature Protectors for Radio- and Television-Type Appliances (reaffirmation of ANSI/UL 1416-2012)  
Public Review Date: Dec 17, 2021 | Final Action Date: Feb 7, 2022 | [Approved](#)

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- ▶ ANSI/UL 1417-2012 (R2022), Standard for Special Fuses for Radio- and Television- Type Appliances (reaffirmation of ANSI/UL 1417-2012 (R2017))  
Public Review Date: Feb 18, 2022 | Final Action Date: May 3, 2022 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1419-2021, Standard for Safety for Professional Video and Audio Equipment (reaffirmation and redesignation of ANSI/UL 2021-2016)  
Public Review Date: May 14, 2021 | Final Action Date: Jul 30, 2021 | [Approved](#)

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- ▶ ANSI/UL 142-2019, Standard for Safety for Steel Aboveground Tanks for Flammable and Combustible Liquids (revision of ANSI/UL 142-2013)  
Public Review Date: Apr 27, 2018 | Final Action Date: May 17, 2019 | [Approved](#)

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- ▶ ANSI/UL 142-2019a, Standard For Safety For Steel Aboveground Tanks for Flammable and Combustible Liquids (revision of ANSI/UL 142-2013)  
Public Review Date: Nov 2, 2018 | Final Action Date: May 17, 2019 | [Approved](#)

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- ▶ ANSI/UL 142-2019b, Standard For Safety For Steel Aboveground Tanks for Flammable and Combustible Liquids (revision of ANSI/UL 142-2013)  
Public Review Date: Feb 22, 2019 | Final Action Date: May 17, 2019 | [Approved](#)

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- ▶ ANSI/UL 142-2021, Standard for Safety for Steel Aboveground Tanks for Flammable and Combustible Liquids (revision of ANSI/UL 142-2019)  
Public Review Date: Nov 13, 2020 | Final Action Date: Jan 21, 2021 | [Approved](#)

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- ▶ ANSI/UL 1424-2017, Standards for Safety for Cables for Power-Limited Fire-Alarm Circuits (revision of ANSI/UL 1424-2010 (R2015))  
Public Review Date: Sep 29, 2017 | Final Action Date: Dec 8, 2017 | [Approved](#)

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- ▶ ANSI/UL 1424-2020, Standard for Cables for Power-Limited Fire-Alarm Circuits (revision of ANSI/UL 1424-2017)  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 5, 2020 | [Approved](#)

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- ▶ ANSI/UL 1425-2022, Standard for Safety for Cables for Non-Power-Limited Fire-Alarm Circuits (revision of ANSI/UL 1425-2010 (R2020))  
Public Review Date: Nov 5, 2021 | Final Action Date: Jan 14, 2022 | [Approved](#)

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- ▶ ANSI/UL 1426-2010 (R2020), Standard for Safety for Electrical Cables for Boats (reaffirmation of ANSI/UL 1426-2010 (R2015))  
Public Review Date: Nov 1, 2019 | Final Action Date: Jan 10, 2020 | [Approved](#)

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- ▶ ANSI/UL 1429-2020, Standard for Safety for Pullout Switches (revision of ANSI/UL 1429-2009 (R2017))  
Public Review Date: Aug 28, 2020 | Final Action Date: Dec 4, 2020 | [Approved](#)

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- ▶ ANSI/UL 142A-2018a, Standard for Safety for Special Purpose Aboveground Tanks for Specific Flammable or Combustible Liquids (new standard)  
PINS Date: Dec 6, 2013 | Public Review Date: Mar 16, 2018 | Final Action Date: May 24, 2018 | [Approved](#)

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- ▶ ANSI/UL 142A-2021, Standard for Safety for Special Purpose Aboveground Tank for Specific Flammable or Combustible Liquids (revision of ANSI/UL 142A-2018)  
Public Review Date: Nov 13, 2020 | Final Action Date: Jan 21, 2021 | [Approved](#)

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- ▶ ANSI/UL 1439-2021, Standard for Tests for Sharpness of Edges on Equipment (revision of ANSI/UL 1439-2013 (R2018))  
Public Review Date: Feb 26, 2021 | Final Action Date: Apr 21, 2021 | [Approved](#)

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- ▶ ANSI/UL 144-2019, Standard for Safety for LP-Gas Regulators (revision of ANSI/UL 144-2014)  
Public Review Date: Sep 6, 2019 | Final Action Date: Dec 10, 2019 | [Approved](#)

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- ▶ ANSI/UL 144-2021, Standard for Safety for LP-Gas Regulators (revision of ANSI/UL 144-2019)  
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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 144-2021a, Standard for Safety for LP-Gas Regulators (revision of ANSI/UL 144-2019)  
Public Review Date: Apr 23, 2021 | Final Action Date: Aug 26, 2021 | [Approved](#)

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- ▶ ANSI/UL 1441-2021, Standard for Coated Electrical Sleevng (revision of ANSI/UL 1441-2005 (R2018))  
Public Review Date: Nov 27, 2020 | Final Action Date: Jun 21, 2021 | [Approved](#)

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- ▶ ANSI/UL 1441-2022, Standard for Safety for Coated Electrical Sleevng (revision of ANSI/UL 1441-2021)  
Public Review Date: Aug 19, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI/UL 1446-2016, Standard for Safety for Systems of Insulating Materials - General (Proposal dated 12-11-15) (revision of ANSI/UL 1446-2015)  
Public Review Date: Dec 11, 2015 | Final Action Date: Mar 21, 2016 | [Approved](#)

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- ▶ ANSI/UL 1446-2016a, Standard for Safety for Systems of Insulating Materials - General (revision of ANSI/UL 1446-2016)  
Public Review Date: Sep 23, 2016 | Final Action Date: Nov 11, 2016 | [Approved](#)

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- ▶ ANSI/UL 1446-2017, Standard for Safety for Systems of Insulating Materials - General (revision of ANSI/UL 1446-2016)  
Public Review Date: Jun 16, 2017 | Final Action Date: Jul 18, 2017 | [Approved](#)

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- ▶ ANSI/UL 1446-2019, The Standard for Safety for Systems of Insulating Materials - General (revision of ANSI/UL 1446-2017)  
Public Review Date: Aug 10, 2018 | Final Action Date: Feb 4, 2019 | [Approved](#)

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- ▶ ANSI/UL 1446-2019a, The Standard for Safety for Systems of Insulating Materials - General (revision of ANSI/UL 1446-2017)  
Public Review Date: Nov 23, 2018 | Final Action Date: Feb 4, 2019 | [Approved](#)

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- ▶ ANSI/UL 1446-2019b, Standard for Safety for Systems of Insulating Materials - General (revision of ANSI/UL 1446-2019)  
Public Review Date: Jun 7, 2019 | Final Action Date: Nov 13, 2019 | [Approved](#)

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- ▶ ANSI/UL 1446-2020, Standard for Safety for Systems of Insulating Materials – General (revision of ANSI/UL 1446-2019)  
Public Review Date: May 22, 2020 | Final Action Date: Jul 1, 2020 | [Approved](#)

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- ▶ ANSI/UL 1447-2017, Standard for Safety for Electric Lawn Mowers (revision of ANSI/UL 1447-2013)  
Public Review Date: Mar 31, 2017 | Final Action Date: Oct 13, 2017 | [Approved](#)

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- ▶ ANSI/UL 1447-2020, Standard for Safety for Electric Lawn Mowers (revision of ANSI/UL 1447-2017)  
Public Review Date: Feb 14, 2020 | Final Action Date: May 1, 2020 | [Approved](#)

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- ▶ ANSI/UL 1449-2022, Standard for Safety for Surge Protective Devices (revision of ANSI/UL 1449-2016)  
Public Review Date: Oct 14, 2022 | Final Action Date: Dec 15, 2022 | [Approved](#)

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- ▶ ANSI/UL 1450-2019 (R2021), Standard for Safety for Motor-Operated Air Compressors, Vacuum Pumps, and Painting Equipment (reaffirmation of ANSI/UL 1450-2019)  
Public Review Date: Apr 9, 2021 | Final Action Date: May 27, 2021 | [Approved](#)

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- ▶ ANSI/UL 1453-2016, Standard for Safety for Electric Booster and Commercial Storage Tank Water Heaters (Proposal dated 11-20-15) (revision of ANSI/UL 1453-2011)  
Public Review Date: Nov 20, 2015 | Final Action Date: Mar 29, 2016 | [Approved](#)

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- ▶ ANSI/UL 1453-2017, Standard for Safety for Electric Booster and Commercial Storage Tank Water Heaters (revision of ANSI/UL 1453-2016)  
Public Review Date: Sep 23, 2016 | Final Action Date: Mar 9, 2017 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1453-2017a, Standard for Safety for Electric Booster and Commercial Storage Tank Water Heaters (revision of ANSI/UL 1453-2016)  
Public Review Date: Oct 14, 2016 | Final Action Date: Mar 9, 2017 | [Approved](#)

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- ▶ ANSI/UL 1453-2018, Standard for Safety for Electric Booster and Commercial Storage Tank Water Heaters (revision of ANSI/UL 1453-2017)  
Public Review Date: Mar 16, 2018 | Final Action Date: May 18, 2018 | [Approved](#)

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- ▶ ANSI/UL 1468-2016, Standard for Safety for Direct Acting Pressure Reducing and Pressure Restricting Valves (Proposals Dated 3/4/16) (revision of ANSI/UL 1468-2013a)  
Public Review Date: Mar 4, 2016 | Final Action Date: May 9, 2016 | [Approved](#)

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- ▶ ANSI/UL 1468-2018, Standard for Safety for Direct Acting Pressure Reducing and Pressure Restricting Valves (revision of ANSI/UL 1468-2016)  
Public Review Date: Mar 9, 2018 | Final Action Date: Apr 13, 2018 | [Approved](#)

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- ▶ ANSI/UL 147-2016, Standard for Safety for Hand-Held Torches for Fuel Gases (revision of ANSI/UL 147-2015)  
Public Review Date: May 20, 2016 | Final Action Date: Jul 7, 2016 | [Approved](#)

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- ▶ ANSI/UL 147-2019, Standard for Safety for Hand-Held Torches for Fuel Gases (revision of ANSI/UL 147-2016)  
Public Review Date: Aug 23, 2019 | Final Action Date: Oct 29, 2019 | [Approved](#)

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- ▶ ANSI/UL 147-2021, Standard for Safety for Hand-Held Torches for Fuel Gases (revision of ANSI/UL 147-2019)  
Public Review Date: Mar 5, 2021 | Final Action Date: Apr 9, 2021 | [Approved](#)

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- ▶ ANSI/UL 1472-2017, Standard for Safety for Solid-State Dimming Controls (revision of ANSI/UL 1472-2015)  
Public Review Date: Apr 28, 2017 | Final Action Date: Nov 10, 2017 | [Approved](#)

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- ▶ ANSI/UL 1472-2020, Standard for Safety for Solid-State Dimming Controls (revision of ANSI/UL 1472-2017)  
Public Review Date: Jan 17, 2020 | Final Action Date: Jul 31, 2020 | [Approved](#)

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- ▶ ANSI/UL 1472-2022, Standard for Safety for Solid-State Dimming Controls (revision of ANSI/UL 1472-2020)  
Public Review Date: Oct 22, 2021 | Final Action Date: Jul 12, 2022 | [Approved](#)

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- ▶ ANSI/UL 1478-2004 (R2018), Standard for Safety for Fire Pump Relief Valves (reaffirmation of ANSI/UL 1478-2004 (R2013))  
Public Review Date: Feb 23, 2018 | Final Action Date: Apr 12, 2018 | [Approved](#)

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- ▶ ANSI/UL 1478A-2013 (R2022), Standard for Pressure Relief Valves for Sprinkler Systems (April 29, 2022) (reaffirmation of ANSI/UL 1478A-2013 (R2017))  
Public Review Date: Apr 29, 2022 | Final Action Date: Jun 17, 2022 | [Approved](#)

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- ▶ ANSI/UL 1479-2021, Standard for Fire Tests of Penetration Firestops (revision of ANSI/UL 1479-2015)  
Public Review Date: Mar 19, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/UL 147A-2018, Standard for Safety for Nonrefillable (Disposable) Type Fuel Gas Cylinder Assemblies (revision of ANSI/UL 147A-2009 (R2013))  
Public Review Date: Apr 20, 2018 | Final Action Date: Jun 6, 2018 | [Approved](#)

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- ▶ ANSI/UL 147A-2019, Standard For Safety For Nonrefillable (Disposable) Type Fuel Gas Cylinder Assemblies (revision of ANSI/UL 147A-2018)  
Public Review Date: Jun 28, 2019 | Final Action Date: Aug 20, 2019 | [Approved](#)

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- ▶ ANSI/UL 147B-2016, Standard for Safety for Nonrefillable (Disposable) Type Metal Container Assemblies for Butane (revision of ANSI/UL 147B-2008 (R2013))  
Public Review Date: Jun 10, 2016 | Final Action Date: Aug 25, 2016 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 147B-2019, Standard for Safety for Nonrefillable (Disposable) Type Metal Container Assemblies for Butane (revision of ANSI/UL 147B-2016)

Public Review Date: Aug 23, 2019 | Final Action Date: Oct 29, 2019 | [Approved](#)

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- ▶ ANSI/UL 1480-2016, Standard for Safety for Speakers for Fire Alarm and Signaling Systems, Including Accessories, (proposal dated 5-10-13) (revision of ANSI/UL 1480-2012)

Public Review Date: May 10, 2013 | Final Action Date: Jan 28, 2016 | [Approved](#)

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- ▶ ANSI/UL 1480-2016a, Standard for Safety for Speakers for Fire Alarm and Signaling Systems, Including Accessories (revision of ANSI/UL 1480-2012)

Public Review Date: Nov 21, 2014 | Final Action Date: Jan 28, 2016 | [Approved](#)

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- ▶ ANSI/UL 1480-2016b, Standard for Safety for Spekaers for Fire Alarm and Signaling Systems, Including Accessories (revision of ANSI/UL 1480-2012)

Public Review Date: May 29, 2015 | Final Action Date: Jan 28, 2016 | [Approved](#)

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- ▶ ANSI/UL 1480-2017, Standard for Safety for Speakers for Fire Alarm and Signaling Systems, Including Accessories (revision of ANSI/UL 1480-2016)

Public Review Date: Nov 18, 2016 | Final Action Date: Sep 7, 2017 | [Approved](#)

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- ▶ ANSI/UL 1480A-2016 (R2021), Standard for Safety for Speakers for Commercial and Professional Use (reaffirmation of ANSI/UL 1480A-2016)

Public Review Date: Jan 8, 2021 | Final Action Date: Mar 24, 2021 | [Approved](#)

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- ▶ ANSI/UL 1482-2020, Standard for Safety for Solid-Fuel Type Room Heaters (revision of ANSI/UL 1482-2011 (R2015))

Public Review Date: Nov 29, 2019 | Final Action Date: Jan 8, 2020 | [Approved](#)

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- ▶ ANSI/UL 1482-2022, Standard for Safety for Solid-Fuel Type Room Heaters (revision of ANSI/UL 1482-2020)

Public Review Date: May 14, 2021 | Final Action Date: Jun 15, 2022 | [Approved](#)

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- ▶ ANSI/UL 1484-2022a, Standard for Safety for Residential Gas Detectors (revision of ANSI/UL 1484-2022)

Public Review Date: Jul 22, 2022 | Final Action Date: Oct 7, 2022 | [Approved](#)

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- ▶ ANSI/UL 1486-2003 (R2018), Standard for Quick Opening Devices for Dry Pipe Valves for Fire Protection Service (reaffirmation of ANSI/UL 1486-2003 (R2013))

Public Review Date: May 25, 2018 | Final Action Date: Jul 13, 2018 | [Approved](#)

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- ▶ ANSI/UL 1489-2016 (R2021), Standard for Fire Tests of Fire Resistant Pipe Protection Systems Carrying Combustible Liquids (August 6, 2021) (reaffirmation of ANSI/UL 1489-2016)

Public Review Date: Aug 6, 2021 | Final Action Date: Oct 5, 2021 | [Approved](#)

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- ▶ ANSI/UL 14B-2008 (R2021), Standard for Sliding Hardware for Standard, Horizontally Mounted Tin-Clad Fire Doors (August 6, 2021) (reaffirmation of ANSI/UL 14B-2008 (R2017))

Public Review Date: Aug 6, 2021 | Final Action Date: Sep 24, 2021 | [Approved](#)

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- ▶ ANSI/UL 14C-2008a (R2021), Standard for Swinging Hardware for Standard Tin-Clad Fire Doors Mounted Singly and in Pairs (reaffirmation of ANSI/UL 14C-2008a (R2017))

Public Review Date: Aug 13, 2021 | Final Action Date: Oct 1, 2021 | [Approved](#)

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- ▶ ANSI/UL 150-2011 (R2020), UL Standard for Safety for Antenna Rotators (reaffirmation of ANSI/UL 150-2011 (R2015))

Public Review Date: Jun 26, 2020 | Final Action Date: Aug 31, 2020 | [Approved](#)

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- ▶ ANSI/UL 15027-2-2020, Standard for Immersion suits — Part 2: Abandonment suits, requirements including safety (national adoption with modifications of ISO 15027-2)

PINS Date: Oct 9, 2015 | Public Review Date: Nov 29, 2019 | Final Action Date: Jul 27, 2020 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 15027-3-2020, Standard for Immersion suits - Part 3: Test methods (national adoption with modifications of ISO 15027-3)  
PINS Date: Oct 9, 2015 | Public Review Date: Jan 31, 2020 | Final Action Date: Sep 8, 2020 | [Approved](#)

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- ▶ ANSI/UL 1517-2012 (R2021), Standard for Hybrid Personal Flotation Devices (September 3, 2021) (reaffirmation of ANSI/UL 1517-2012 (R2017))  
Public Review Date: Sep 3, 2021 | Final Action Date: Oct 28, 2021 | [Approved](#)

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- ▶ ANSI/UL 153-2018, Standard for Safety for Portable Electric Luminaires (revision of ANSI/UL 153-2017a)  
Public Review Date: Jun 1, 2018 | Final Action Date: Jul 27, 2018 | [Approved](#)

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- ▶ ANSI/UL 153-2020, Standard for Safety for Portable Electric Luminaires (revision of ANSI/UL 153-2018)  
Public Review Date: May 1, 2020 | Final Action Date: Jul 8, 2020 | [Approved](#)

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- ▶ ANSI/UL 153-2021, Standard for Safety for Portable Electric Luminaires (revision of ANSI/UL 153-2020)  
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- ▶ ANSI/UL 153-2022, Standard for Safety for Portable Electric Luminaires (revision of ANSI/UL 153-2021)  
Public Review Date: Jul 1, 2022 | Final Action Date: Sep 26, 2022 | [Approved](#)

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- ▶ ANSI/UL 153-2023, Standard for Safety for Portable Electric Luminaires (revision of ANSI/UL 153-2022)  
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- ▶ ANSI/UL 154-2021, Standard for Carbon-Dioxide Fire Extinguishers (revision of ANSI/UL 154-2009 (R2019))  
Public Review Date: Nov 20, 2020 | Final Action Date: Mar 9, 2021 | [Approved](#)

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- ▶ ANSI/UL 155-2009 (R2018), Standard for Tests for Fire Resistance of Vault and File Room Doors (reaffirmation of ANSI/UL 155-2009 (R2013))  
Public Review Date: Apr 27, 2018 | Final Action Date: Jun 13, 2018 | [Approved](#)

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- ▶ ANSI/UL 1557-2022, Standard for Safety for Electrically Isolated Semiconductor Devices (revision of ANSI/UL 1557-2018)  
Public Review Date: Sep 30, 2022 | Final Action Date: Dec 6, 2022 | [Approved](#)

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- ▶ ANSI/UL 1558-2019, Standard for Safety for Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear (revision of ANSI/UL 1558-2016a)  
Public Review Date: Sep 6, 2019 | Final Action Date: Nov 6, 2019 | [Approved](#)

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- ▶ ANSI/UL 1559-2017 (R2022), Standard for Insect-Control Equipment - Electrocution Type (reaffirmation of ANSI/UL 1559-2017)  
Public Review Date: Aug 5, 2022 | Final Action Date: Sep 22, 2022 | [Approved](#)

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- ▶ ANSI/UL 1561-2019, Standard for Safety for Dry-Type General Purpose and Power Transformers (revision of ANSI/UL 1561-2015)  
Public Review Date: Mar 22, 2019 | Final Action Date: May 13, 2019 | [Approved](#)

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- ▶ ANSI/UL 1563-2016, Standard for Safety for Electric Spas, Equipment Assemblies, and Associated Equipment (revision of ANSI/UL 1563-2012)  
Public Review Date: Aug 26, 2016 | Final Action Date: Oct 7, 2016 | [Approved](#)

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- ▶ ANSI/UL 1563-2017, Standard for Safety for Electric Spas, Equipment Assemblies, and Associated Equipment (revision of ANSI/UL 1563-2016)  
Public Review Date: May 19, 2017 | Final Action Date: Jul 14, 2017 | [Approved](#)

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- ▶ ANSI/UL 1563-2017a, Standard for Safety for Electric Spas, Equipment Assemblies, and Associated Equipment (revision of ANSI/UL 1563-2017)  
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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1563-2020, Standard for Safety for Electric Spas, Equipment Assemblies, and Associated Equipment (revision of ANSI/UL 1563-2017)  
Public Review Date: Jul 3, 2020 | Final Action Date: Aug 18, 2020 | [Approved](#)
- ▶ ANSI/UL 1564-2020, Standard for Safety for Industrial Battery Chargers (revision of ANSI/UL 1564-2013 (R2017))  
Public Review Date: Jun 26, 2020 | Final Action Date: Aug 11, 2020 | [Approved](#)
- ▶ ANSI/UL 1565-2022, Standard for Safety for Positioning Devices (revision of ANSI/UL 1565-2013 (R2017))  
Public Review Date: Apr 1, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)
- ▶ ANSI/UL 1567-2012 (R2020), Standard for Safety for Receptacles and Switches Intended for Use with Aluminum Wire (reaffirmation of ANSI/UL 1567-2012 (R2016))  
Public Review Date: May 8, 2020 | Final Action Date: Jun 23, 2020 | [Approved](#)
- ▶ ANSI/UL 1569-2015, Standard for Safety for Metal-Clad Cables (proposal dated 07-24-15) (revision of ANSI/UL 1569-2014a)  
Public Review Date: Jul 24, 2015 | Final Action Date: Dec 18, 2015 | [Approved](#)
- ▶ ANSI/UL 1569-2015a, Standard for Metal-Clad Cables (revision of ANSI/UL 1569-2014)  
Public Review Date: Oct 30, 2015 | Final Action Date: Dec 18, 2015 | [Approved](#)
- ▶ ANSI/UL 1569-2016, Standard for Safety for Metal-Clad Cables (revision of ANSI/UL 1569-2015)  
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- ▶ ANSI/UL 1569-2018, Standard for Safety for Metal-Clad Cables (Proposal Dated 8/11/17) (revision of ANSI/UL 1569-2016)  
Public Review Date: Aug 11, 2017 | Final Action Date: May 4, 2018 | [Approved](#)
- ▶ ANSI/UL 1569-2018a, Standard for Safety for Metal-Clad Cables, Proposals dated 1/26/18. (revision of ANSI/UL 1569-2016)  
Public Review Date: Jan 26, 2018 | Final Action Date: May 4, 2018 | [Approved](#)
- ▶ ANSI/UL 1574-2020, Standard for Safety for Track Lighting Systems (revision of ANSI/UL 1574-2012 (R2016))  
Public Review Date: Mar 13, 2020 | Final Action Date: May 27, 2020 | [Approved](#)
- ▶ ANSI/UL 1574-2021, The standard for Safety for Track Lighting Systems (revision of ANSI/UL 1574-2020)  
Public Review Date: May 28, 2021 | Final Action Date: Aug 17, 2021 | [Approved](#)
- ▶ ANSI/UL 1576-2022, Standard for Safety for Flashlights and Lanterns (revision of ANSI/UL 1576-2020)  
Public Review Date: Dec 17, 2021 | Final Action Date: May 13, 2022 | [Approved](#)
- ▶ ANSI/UL 1577-2015 (R2019), Standard for Safety for Optical Isolators (reaffirmation of ANSI/UL 1577-2015)  
Public Review Date: Apr 5, 2019 | Final Action Date: Jun 11, 2019 | [Approved](#)
- ▶ ANSI/UL 1581-2022, Standard for Reference Standard for Electrical Wires, Cables, and Flexible Cords (July 8, 2022) (revision of ANSI/UL 1581-2020)  
Public Review Date: Sep 30, 2022 | Final Action Date: Nov 15, 2022 | [Approved](#)
- ▶ ANSI/UL 1598-2018, Standard for Safety for Luminaires (revision of ANSI/UL 1598-2012)  
Public Review Date: Apr 28, 2017 | Final Action Date: Aug 28, 2018 | [Approved](#)
- ▶ ANSI/UL 1598-2018a, Standard for Safety for Luminaires (revision of ANSI/UL 1598-2012)  
Public Review Date: Jan 5, 2018 | Final Action Date: Aug 28, 2018 | [Approved](#)
- ▶ ANSI/UL 1598-2018b, Standard for Safety for Luminaires (revision of ANSI/UL 1598-2012)  
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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1598-2021, Standard for Safety for Luminaires (revision of ANSI/UL 1598-2018)  
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- ▶ ANSI/UL 1598A-2020, Standard for Safety for Supplemental Requirements for Luminaires for Installation on Marine Vessels (revision of ANSI/UL 1598A-2005 (R2020))  
Public Review Date: Jul 24, 2020 | Final Action Date: Oct 26, 2020 | [Approved](#)

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- ▶ ANSI/UL 1598B-2020, Standard for Safety for Supplemental Requirements for Luminaire Reflector Kits for Installation on Previously Installed Fluorescent Luminaires (revision of ANSI/UL 1598B-2014 (R2020))  
Public Review Date: Mar 6, 2020 | Final Action Date: May 29, 2020 | [Approved](#)

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- ▶ ANSI/UL 1598c-2017, Standard for Safety for Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits (revision of ANSI/UL 1598C-2016)  
Public Review Date: May 26, 2017 | Final Action Date: Jul 12, 2017 | [Approved](#)

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- ▶ ANSI/UL 1618-2009 (R2018), Standard for Safety for Wall Protectors, Floor Protectors, and Hearth Extensions (reaffirmation of ANSI/UL 1618-2009 (R2013))  
Public Review Date: Nov 10, 2017 | Final Action Date: Jan 10, 2018 | [Approved](#)

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- ▶ ANSI/UL 162-2022, Standard for Foam Equipment and Liquid Concentrates (March 11, 2022) (revision of ANSI/UL 162-2022)  
Public Review Date: Mar 11, 2022 | Final Action Date: Jun 10, 2022 | [Approved](#)

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- ▶ ANSI/UL 1635-2018, Standard for Safety for Digital Alarm Communicator System Units (revision of ANSI/UL 1635-2015)  
Public Review Date: Jan 17, 2014 | Final Action Date: Apr 13, 2018 | [Approved](#)

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- ▶ ANSI/UL 1635-2018a, Standard for Safety for Digital Alarm Communicator System Units (revision of ANSI/UL 1635-2015)  
Public Review Date: Oct 21, 2016 | Final Action Date: Apr 13, 2018 | [Approved](#)

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- ▶ ANSI/UL 1637-2017 (R2022), Standard for Safety for Home Health Care Signaling Equipment (reaffirmation of ANSI/UL 1637-2017)  
Public Review Date: Apr 22, 2022 | Final Action Date: Jul 20, 2022 | [Approved](#)

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- ▶ ANSI/UL 1638-2016, Standard for Safety for Visible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories (revision of ANSI/UL 1638-2008 (R2013))  
Public Review Date: Nov 21, 2014 | Final Action Date: Jan 28, 2016 | [Approved](#)

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- ▶ ANSI/UL 1638-2016a, Standard for Safety for Visible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories (revision of ANSI/UL 1638-2008 (R2013))  
Public Review Date: Jun 19, 2015 | Final Action Date: Jan 28, 2016 | [Approved](#)

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- ▶ ANSI/UL 1638-2017, Standard for Safety for Visible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories (revision of ANSI/UL 1638-2016)  
Public Review Date: Nov 18, 2016 | Final Action Date: Sep 6, 2017 | [Approved](#)

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- ▶ ANSI/UL 1638A-2016 (R2021), Standard for safety for Visual Signal Appliances for General Signaling Use (reaffirmation of ANSI/UL 1638A-2016)  
Public Review Date: May 28, 2021 | Final Action Date: Nov 19, 2021 | [Approved](#)

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- ▶ ANSI/UL 1640-2016a, Standard for Safety for Portable Power-Distribution Equipment (revision of ANSI/UL 1640-2016)  
Public Review Date: May 27, 2016 | Final Action Date: Nov 14, 2016 | [Approved](#)

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- ▶ ANSI/UL 1640-2016b, Standard for Safety for Portable Power-Distribution Equipment (revision of ANSI/UL 1640-2016)  
Public Review Date: Aug 19, 2016 | Final Action Date: Nov 14, 2016 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1640-2020, Standard for Safety for Portable Power-Distribution Equipment (revision of ANSI/UL 1640-2016)  
Public Review Date: Apr 17, 2020 | Final Action Date: May 29, 2020 | [Approved](#)

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- ▶ ANSI/UL 1640-2021, Standard for Safety for Portable Power-Distribution Equipment (revision of ANSI/UL 1640-2020)  
Public Review Date: May 7, 2021 | Final Action Date: Jul 14, 2021 | [Approved](#)

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- ▶ ANSI/UL 1641-2020, Standard for Safety for Installation and Classification of Residential Burglary Alarm Systems (revision of ANSI/UL 1641-2015)  
Public Review Date: Sep 13, 2019 | Final Action Date: May 20, 2020 | [Approved](#)

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- ▶ ANSI/UL 1647-2016, Motor-Operated Massage and Exercise Machines (revision of ANSI/UL 1647-2015)  
Public Review Date: Sep 30, 2016 | Final Action Date: Nov 18, 2016 | [Approved](#)

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- ▶ ANSI/UL 1647-2016a, Standard for Safety for Motor-Operated Massage and Exercise Machines (Proposal dated 10/14/16) (revision of ANSI/UL 1647-2015)  
Public Review Date: Oct 14, 2016 | Final Action Date: Nov 18, 2016 | [Approved](#)

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- ▶ ANSI/UL 1647-2018, Standard for Safety for Motor-Operated Massage and Exercise Machines (proposal dated 08/4/17) (revision of ANSI/UL 1647-2016)  
Public Review Date: Aug 11, 2017 | Final Action Date: May 18, 2018 | [Approved](#)

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- ▶ ANSI/UL 1647-2018a, Standard for Safety for Motor-Operated Massage and Exercise Machines (revision of ANSI/UL 1647-2018)  
Public Review Date: Jun 15, 2018 | Final Action Date: Jul 26, 2018 | [Approved](#)

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- ▶ ANSI/UL 1647-2018b, Standard for Safety for Motor-Operated Massage and Exercise Machines (revision of ANSI/UL 1647-2016)  
Public Review Date: Feb 23, 2018 | Final Action Date: May 18, 2018 | [Approved](#)

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- ▶ ANSI/UL 1647-2019, Standard for Safety for Motor-Operated Massage and Exercise Machines (revision of ANSI/UL 1647-2018)  
Public Review Date: Jun 21, 2019 | Final Action Date: Dec 4, 2019 | [Approved](#)

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- ▶ ANSI/UL 1647-2020, Standard for Safety for Motor-Operated Massage and Exercise Machines (revision of ANSI/UL 1647-2014)  
Public Review Date: May 29, 2020 | Final Action Date: Jul 21, 2020 | [Approved](#)

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- ▶ ANSI/UL 1650-2016, Standard for Safety for Portable Power Cables (Proposal dated 1/29/16) (revision of ANSI/UL 1650-2015)  
Public Review Date: Jan 29, 2016 | Final Action Date: Apr 1, 2016 | [Approved](#)

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- ▶ ANSI/UL 1650-2019, Standard for Safety for Portable Power Cable (revision of ANSI/UL 1650-2016)  
Public Review Date: Nov 9, 2018 | Final Action Date: Mar 6, 2019 | [Approved](#)

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- ▶ ANSI/UL 1651-2020, Standard for Safety for Optical Fiber Cable (revision of ANSI/UL 1651-2018)  
Public Review Date: Jul 24, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ ANSI/UL 1653-2019, Standard Safety for Electrical Nonmetallic Tubing (revision of ANSI/UL 1653-2014)  
Public Review Date: May 11, 2018 | Final Action Date: Feb 15, 2019 | [Approved](#)

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- ▶ ANSI/UL 1653-2022, Electrical Nonmetallic Tubing (revision of ANSI/UL 1653-2019)  
Public Review Date: Aug 6, 2021 | Final Action Date: Mar 30, 2022 | [Approved](#)

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- ▶ ANSI/UL 1655-2009a (R2020), Standard for Community-Antenna Television Cables (reaffirmation of ANSI/UL 1655-2009a (R2014))  
Public Review Date: Nov 1, 2019 | Final Action Date: Mar 11, 2020 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1659-2005 (R2018), Standard for Safety for Attachment Plug Blades for Use in Cord Sets and Power-Supply Cords (reaffirmation of ANSI/UL 1659-2005 (R2014))  
Public Review Date: Sep 21, 2018 | Final Action Date: Nov 19, 2018 | [Approved](#)
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- ▶ ANSI/UL 1660-2019, Standard for Safety for Liquid-Tight Flexible Nonmetallic Conduit (revision of ANSI/UL 1660-2014)  
Public Review Date: Jun 1, 2018 | Final Action Date: Jan 30, 2019 | [Approved](#)
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- ▶ ANSI/UL 1666-2012 (R2021), Standard for Safety for Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts (reaffirmation of ANSI/UL 1666-2012 (R2017))  
Public Review Date: Jul 9, 2021 | Final Action Date: Sep 24, 2021 | [Approved](#)
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- ▶ ANSI/UL 1676-2013 (R2022), Conductive-Path and Discharge-Path Resistors for Use in Radio-, Video-, or Television-Type Appliances (reaffirmation of ANSI/UL 1676-2013)  
Public Review Date: May 6, 2022 | Final Action Date: Aug 1, 2022 | [Approved](#)
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- ▶ ANSI/UL 1678-2017, Standard for Safety for Household, Commercial, and Institutional-Use Carts, Stands and Entertainment Centers for Use with Audio and/or Video Equipment (revision of ANSI/UL 1678-2016c)  
Public Review Date: Jun 3, 2016 | Final Action Date: Mar 24, 2017 | [Approved](#)
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- ▶ ANSI/UL 1678-2019, Standard for Safety for Household, Commercial, and Institutional-Use Carts, Stands and Entertainment Centers for Use with Audio and/or Video Equipment (revision of ANSI/UL 1678-2017)  
Public Review Date: Nov 30, 2018 | Final Action Date: Jun 18, 2019 | [Approved](#)
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- ▶ ANSI/UL 1678-2022, Standard for Household, Commercial, and Institutional-Use Carts, Stands and Entertainment Centers for Use with Audio and/or Video Equipment (revision of ANSI/UL 1678-2019)  
Public Review Date: Jan 28, 2022 | Final Action Date: Mar 2, 2022 | [Approved](#)
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- ▶ ANSI/UL 1681-2012 (R2020), Standard for Safety for Wiring Device Configurations (reaffirmation of ANSI/UL 1681-2012 (R2016))  
Public Review Date: May 8, 2020 | Final Action Date: Jun 23, 2020 | [Approved](#)
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- ▶ ANSI/UL 1682-2022, Standard for Safety for Plugs, Receptacles, and Cable Connectors of the Pin and Sleeve Type Configurations (revision of ANSI/UL 1682-2017)  
Public Review Date: Nov 26, 2021 | Final Action Date: Mar 11, 2022 | [Approved](#)
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- ▶ ANSI/UL 1685-2010 (R2020), Standard for Safety for Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables (reaffirmation of ANSI/UL 1685-2010 (R2015))  
Public Review Date: Jul 24, 2020 | Final Action Date: Oct 6, 2020 | [Approved](#)
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- ▶ ANSI/UL 1686-2014 (R2018), The Standard for Safety for Pin and Sleeve Configurations (reaffirmation of ANSI/UL 1686-2014)  
Public Review Date: Apr 27, 2018 | Final Action Date: Jun 25, 2018 | [Approved](#)
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- ▶ ANSI/UL 1690-2006 (R2020), Standard for Data-Processing Cable (reaffirmation of ANSI/UL 1690-2006 (R2015))  
Public Review Date: May 1, 2020 | Final Action Date: Aug 7, 2020 | [Approved](#)
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- ▶ ANSI/UL 1691-2018, Standard for Safety for Single Pole Locking-Type Separable Connectors (revision of ANSI/UL 1691-2014)  
Public Review Date: Oct 20, 2017 | Final Action Date: Jan 26, 2018 | [Approved](#)
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- ▶ ANSI/UL 1691-2018a, Standard for Safety for Single Pole Locking-Type Separable Connectors (revision of ANSI/UL 1691-2018)  
Public Review Date: May 25, 2018 | Final Action Date: Jul 27, 2018 | [Approved](#)
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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1691-2021, Standard for Safety for Single-Pole Locking-Type Separable Connectors (revision of ANSI/UL 1691-2018)  
Public Review Date: Jun 25, 2021 | Final Action Date: Sep 29, 2021 | [Approved](#)

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- ▶ ANSI/UL 1692-2019, Standard for Safety for Polymeric Materials - Coil Forms (revision of ANSI/UL 1692-2009 (R2014))  
Public Review Date: Oct 12, 2018 | Final Action Date: Jan 8, 2019 | [Approved](#)

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- ▶ ANSI/UL 1694-2010 (R2019), Standard For Safety For Tests for Flammability of Small Polymeric Component Materials (reaffirmation of ANSI/UL 1694-2010 (R2015))  
Public Review Date: Sep 6, 2019 | Final Action Date: Nov 25, 2019 | [Approved](#)

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- ▶ ANSI/UL 1696-2021, Standard for Mechanical Protection Tubing (MPT) and Fittings (revision of ANSI/UL 1696-2015)  
Public Review Date: Aug 14, 2020 | Final Action Date: Mar 31, 2021 | [Approved](#)

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- ▶ ANSI/UL 1699-2017, Standard for Safety for Arc-Fault Circuit-Interrupters (revision of ANSI/UL 1699-2013)  
Public Review Date: Feb 3, 2017 | Final Action Date: May 3, 2017 | [Approved](#)

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- ▶ ANSI/UL 1699-2019, Standard for Safety for Arc-Fault Circuit-Interrupters (revision of ANSI/UL 1699-2017)  
Public Review Date: Jan 18, 2019 | Final Action Date: Jul 3, 2019 | [Approved](#)

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- ▶ ANSI/UL 1699-2019a, Standard for Safety for Arc-Fault Circuit-Interrupters (revision of ANSI/UL 1699-2017)  
Public Review Date: May 17, 2019 | Final Action Date: Jul 3, 2019 | [Approved](#)

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- ▶ ANSI/UL 1699-2020, Standard for Safety for Arc-Fault Circuit-Interrupters (revision of ANSI/UL 1699-2019)  
Public Review Date: Jul 31, 2020 | Final Action Date: Oct 8, 2020 | [Approved](#)

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- ▶ ANSI/UL 1699-2022, Standard for Safety for Arc-Fault Circuit-Interrupters (revision of ANSI/UL 1699-2020)  
Public Review Date: Sep 3, 2021 | Final Action Date: Feb 8, 2022 | [Approved](#)

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- ▶ ANSI/UL 1699B-2018, Standard for Safety for Photovoltaic (PV) DC Arc-Fault Circuit Protection (new standard)  
PINS Date: Apr 8, 2011 | Public Review Date: Jun 15, 2018 | Final Action Date: Aug 10, 2018 | [Approved](#)

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- ▶ ANSI/UL 1699B-2021, Standard for Safety for Photovoltaic (PV) DC Arc-Fault Circuit Protection (revision of ANSI/UL 1699B-2018)  
Public Review Date: Apr 16, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/UL 1703-2015b, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2015)  
Public Review Date: Jul 17, 2015 | Final Action Date: Oct 12, 2015 | [Approved](#)

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- ▶ ANSI/UL 1703-2016, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2015)  
Public Review Date: Feb 12, 2016 | Final Action Date: Jun 22, 2016 | [Approved](#)

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- ▶ ANSI/UL 1703-2016a, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2015)  
Public Review Date: Apr 1, 2016 | Final Action Date: Jun 22, 2016 | [Approved](#)

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- ▶ ANSI/UL 1703-2017, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2016)  
Public Review Date: Oct 7, 2016 | Final Action Date: Mar 10, 2017 | [Approved](#)

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- ▶ ANSI/UL 1703-2017a, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2016)  
Public Review Date: Nov 4, 2016 | Final Action Date: Mar 10, 2017 | [Approved](#)

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- ▶ ANSI/UL 1703-2017b, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2016)  
Public Review Date: Feb 3, 2017 | Final Action Date: Mar 10, 2017 | [Approved](#)

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- ▶ ANSI/UL 1703-2017c, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2016)  
Public Review Date: May 5, 2017 | Final Action Date: Sep 13, 2017 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1703-2018, Standard for Safety for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2017)  
Public Review Date: Mar 30, 2018 | Final Action Date: Sep 26, 2018 | [Approved](#)

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- ▶ ANSI/UL 1703-2018a, Standard for Safety for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2017)  
Public Review Date: Jul 20, 2018 | Final Action Date: Sep 26, 2018 | [Approved](#)

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- ▶ ANSI/UL 1703-2018b, Standard for Safety for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2017)  
Public Review Date: Aug 24, 2018 | Final Action Date: Sep 26, 2018 | [Approved](#)

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- ▶ ANSI/UL 1703-2019, Standard for Safety for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2018)  
Public Review Date: Jul 19, 2019 | Final Action Date: Aug 20, 2019 | [Approved](#)

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- ▶ ANSI/UL 1703-2019a, Standard for Safety for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2018)  
Public Review Date: May 24, 2019 | Final Action Date: Aug 20, 2019 | [Approved](#)

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- ▶ ANSI/UL 1703-2019b, Standard for Safety for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2019)  
Public Review Date: Sep 20, 2019 | Final Action Date: Nov 7, 2019 | [Approved](#)

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- ▶ ANSI/UL 1709-2022, Standard for Safety for Rapid Rise Fire Tests of Protection Materials for Structural Steel (revision of ANSI/UL 1709-2017)  
Public Review Date: Feb 18, 2022 | Final Action Date: Aug 8, 2022 | [Approved](#)

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- ▶ ANSI/UL 1715-2003 (R2022), Standard for Fire Test of Interior Finish Material (November 12, 2021) (reaffirmation of ANSI/UL 1715-2003 (R2017))  
Public Review Date: Nov 12, 2021 | Final Action Date: Jan 4, 2022 | [Approved](#)

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- ▶ ANSI/UL 1727-2020, Standard for Safety for Commercial Electric Personal Grooming Appliances (revision of ANSI/UL 1727-2012 (R2017))  
Public Review Date: Feb 14, 2020 | Final Action Date: Mar 23, 2020 | [Approved](#)

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- ▶ ANSI/UL 1727-2021, Standard for Safety for Commercial Electric Personal Grooming Appliances (revision of ANSI/UL 1727-2020)  
Public Review Date: May 21, 2021 | Final Action Date: Jun 24, 2021 | [Approved](#)

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- ▶ ANSI/UL 1730-2007 (R2022), Standard for Smoke Detector Monitors and Accessories for Individual Living Units of Multifamily Residences and Hotel/Motel Rooms (reaffirmation of ANSI/UL 1730-2007 (R2017))  
Public Review Date: Feb 11, 2022 | Final Action Date: Apr 11, 2022 | [Approved](#)

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- ▶ ANSI/UL 1738-2021, Standard for Safety for Venting Systems for Gas-Burning Appliances, Categories II, III, and IV (revision of ANSI/UL 1738-2014 (R2020))  
Public Review Date: Feb 5, 2021 | Final Action Date: Mar 25, 2021 | [Approved](#)

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- ▶ ANSI/UL 1738-2021a, Standard for Safety for Venting Systems for Gas-Burning Appliances, Categories II, III, and IV (revision of ANSI/UL 1738-2021)  
Public Review Date: May 21, 2021 | Final Action Date: Aug 26, 2021 | [Approved](#)

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- ▶ ANSI/UL 1739-2017, Standard for Safety for Pilot-Operated Pressure-Control Valves for Fire-Protection Service (revision of ANSI/UL 1739-2013)  
Public Review Date: Mar 10, 2017 | Final Action Date: Apr 28, 2017 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1739-2019, Standard for Safety for Pilot-Operated Pressure-Control Valves for Fire-Protection Service (revision of ANSI/UL 1739-2017)  
Public Review Date: May 31, 2019 | Final Action Date: Aug 19, 2019 | [Approved](#)

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- ▶ ANSI/UL 174-2019, Standard for Safety for Household Electric Storage Tank Water Heaters (revision of ANSI/UL 174-2012 (R2016))  
Public Review Date: Mar 1, 2019 | Final Action Date: May 7, 2019 | [Approved](#)

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- ▶ ANSI/UL 174-2019a, Standard for Safety for Household Electric Storage Tank Water Heaters (revision of ANSI/UL 174-2019)  
Public Review Date: Sep 13, 2019 | Final Action Date: Nov 15, 2019 | [Approved](#)

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- ▶ ANSI/UL 174-2020, Standard for Safety for Household Electric Storage Tank Water Heaters (revision of ANSI/UL 174-2019)  
Public Review Date: May 8, 2020 | Final Action Date: Aug 19, 2020 | [Approved](#)

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- ▶ ANSI/UL 174-2021, Standard for Safety for Household Electric Storage Tank Water Heaters (revision of ANSI/UL 174-2020)  
Public Review Date: Dec 4, 2020 | Final Action Date: Jan 28, 2021 | [Approved](#)

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- ▶ ANSI/UL 174-2021a, Standard for Safety for Household Electric Storage Tank Water Heaters (revision of ANSI/UL 174-2021)  
Public Review Date: Sep 3, 2021 | Final Action Date: Oct 14, 2021 | [Approved](#)

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- ▶ ANSI/UL 174-2021b, Standard for Safety for Household Electric Storage Tank Water Heaters (revision of ANSI/UL 174-2021)  
Public Review Date: Oct 22, 2021 | Final Action Date: Dec 10, 2021 | [Approved](#)

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- ▶ ANSI/UL 1740-2018, Standard for Safety for Robots and Robotic Equipment (revision of ANSI/UL 1740-2007)  
PINS Date: Jun 1, 2012 | Public Review Date: Mar 17, 2017 | Final Action Date: Jan 26, 2018 | [Approved](#)

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- ▶ ANSI/UL 1740-2018a, Standard for Safety for Robots and Robotic Equipment (revision of ANSI/UL 1740-2007)  
PINS Date: Jun 1, 2012 | Public Review Date: Jul 21, 2017 | Final Action Date: Jan 26, 2018 | [Approved](#)

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- ▶ ANSI/UL 1740-2020, Standard for Safety for Robots and Robotic Equipment (revision of ANSI/UL 1740-2018)  
Public Review Date: Sep 18, 2020 | Final Action Date: Oct 20, 2020 | [Approved](#)

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- ▶ ANSI/UL 1769-2022, Standard for Safety for Cylinder Valves (revision of ANSI/UL 1769-2016)  
Public Review Date: Jul 15, 2022 | Final Action Date: Oct 12, 2022 | [Approved](#)

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- ▶ ANSI/UL 1773-2016, Standard for Safety for Termination Boxes (Proposal dated 02-26-16) (revision of ANSI/UL 1773-2011)  
Public Review Date: Feb 26, 2016 | Final Action Date: Apr 29, 2016 | [Approved](#)

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- ▶ ANSI/UL 1773-2018, Standard for Safety for Termination Boxes (revision of ANSI/UL 1773-2016)  
Public Review Date: May 4, 2018 | Final Action Date: Oct 9, 2018 | [Approved](#)

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- ▶ ANSI/UL 1773-2018a, Standard for Safety for Termination Boxes (revision of ANSI/UL 1773-2016)  
Public Review Date: Jul 27, 2018 | Final Action Date: Oct 9, 2018 | [Approved](#)

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- ▶ ANSI/UL 1773-2018b, Standard for Safety for Termination Boxes (revision of ANSI/UL 1773-2016)  
Public Review Date: Aug 17, 2018 | Final Action Date: Oct 9, 2018 | [Approved](#)

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- ▶ ANSI/UL 1773-2020, Standard for Safety for Termination Boxes (revision of ANSI/UL 1773-2018)  
Public Review Date: Jan 10, 2020 | Final Action Date: Apr 22, 2020 | [Approved](#)

**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1776-2019, Standard for Safety for High-Pressure Cleaning Machines (revision of ANSI/UL 1776-2013a)  
Public Review Date: Nov 23, 2018 | Final Action Date: Feb 12, 2019 | [Approved](#)

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- ▶ ANSI/UL 1776-2022, Standard for Safety for High-Pressure Cleaning Machines (revision of ANSI/UL 1776-2019)  
Public Review Date: Oct 29, 2021 | Final Action Date: Feb 4, 2022 | [Approved](#)

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- ▶ ANSI/UL 1777-2009a (R2019), Standard for Safety for Chimney Liners (reaffirmation of ANSI/UL 1777-2009a (R2014))  
Public Review Date: Feb 1, 2019 | Final Action Date: Apr 5, 2019 | [Approved](#)

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- ▶ ANSI/UL 1778-2017, Standard for Safety for Uninterruptible Power Systems (proposal dated 8-11-17) (revision of ANSI/UL 1778-2014)  
Public Review Date: Nov 25, 2016 | Final Action Date: Oct 10, 2017 | [Approved](#)

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- ▶ ANSI/UL 1778-2017a, Standard for Safety for Uninterruptible Power Systems (proposal dated 8-11-17) (revision of ANSI/UL 1778-2014)  
Public Review Date: Mar 24, 2017 | Final Action Date: Oct 10, 2017 | [Approved](#)

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- ▶ ANSI/UL 1778-2017b, Standard for Safety for Uninterruptible Power Systems (proposal dated 8-11-17) (revision of ANSI/UL 1778-2014)  
Public Review Date: Aug 11, 2017 | Final Action Date: Oct 10, 2017 | [Approved](#)

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- ▶ ANSI/UL 1784-2015 (R2020), Standard for Safety for Air Leakage Tests of Door Assemblies and Other Opening Protectives (reaffirmation of ANSI/UL 1784-2015)  
Public Review Date: Oct 11, 2019 | Final Action Date: Jan 24, 2020 | [Approved](#)

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- ▶ ANSI/UL 1786-2021, Standard for Safety for Direct Plug-In Nightlights (revision of ANSI/UL 1786-2014)  
Public Review Date: Jul 10, 2020 | Final Action Date: Feb 22, 2021 | [Approved](#)

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- ▶ ANSI/UL 180-2017, Standard for Liquid-Level Gauges for Oil Burner Fuels and Other Combustible Liquids (revision of ANSI/UL 180-2012)  
Public Review Date: Mar 10, 2017 | Final Action Date: May 11, 2017 | [Approved](#)

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- ▶ ANSI/UL 180-2019, Standard for Liquid Level Gauges, Level Indicators and Aboveground Piping for Combustible Liquids (new standard)  
Public Review Date: Jun 29, 2018 | Final Action Date: Mar 15, 2019 | [Approved](#)

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- ▶ ANSI/UL 180-2019a, Standard for Liquid Level Gauges, Level Indicators and Aboveground Piping for Combustible Liquids (new standard)  
Public Review Date: Nov 9, 2018 | Final Action Date: Mar 15, 2019 | [Approved](#)

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- ▶ ANSI/UL 180-2021, Standard for Safety for Combustible Liquid Tank Accessories (revision of ANSI/UL 180-2019)  
Public Review Date: Mar 26, 2021 | Final Action Date: Aug 25, 2021 | [Approved](#)

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- ▶ ANSI/UL 1803-2012 (R2021), Standard for Factory Follow-Up on Third Party Certified Portable Fire Extinguishers (October 8, 2021) (reaffirmation of ANSI/UL 1803-2012 (R2017))  
Public Review Date: Oct 8, 2021 | Final Action Date: Dec 1, 2021 | [Approved](#)

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- ▶ ANSI/UL 181-2013 (R2021), Standard for Factory-Made Air Ducts and Air Connectors (November 5, 2021) (reaffirmation of ANSI/UL 181-2013 (R2017))  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 29, 2021 | [Approved](#)

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- ▶ ANSI/UL 181A-2013 (R2021), Standard for Closure Systems for Use With Rigid Air Ducts (November 5, 2021) (reaffirmation of ANSI/UL 181A-2013 (R2017))  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 29, 2021 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 181B-2013 (R2021), Standard for Closure Systems for Use With Flexible Air Ducts and Air Connectors (November 5, 2021) (reaffirmation of ANSI/UL 181B-2013 (R2017))  
Public Review Date: Nov 5, 2021 | Final Action Date: Dec 29, 2021 | [Approved](#)

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- ▶ ANSI/UL 1820-2004 (R2021), Standard for Fire Test of Pneumatic Tubing for Flame and Smoke Characteristics (August 6, 2021) (reaffirmation of ANSI/UL 1820-2004 (R2017))  
Public Review Date: Aug 6, 2021 | Final Action Date: Sep 24, 2021 | [Approved](#)

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- ▶ ANSI/UL 1821-2017, Standard for Safety for Thermoplastic Sprinkler Pipe and Fittings for Fire Protection Service (revision of ANSI/UL 1821-2015)  
Public Review Date: Mar 17, 2017 | Final Action Date: May 5, 2017 | [Approved](#)

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- ▶ ANSI/UL 1821-2019, Thermoplastic Sprinkler Pipe and Fittings for Fire Protection Service (revision of ANSI/UL 1821-2017)  
Public Review Date: Jan 4, 2019 | Final Action Date: Jul 30, 2019 | [Approved](#)

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- ▶ ANSI/UL 183-2016 (R2020), Standard for Safety for Manufactured Wiring Systems (reaffirmation of ANSI/UL 183-2016)  
Public Review Date: Aug 7, 2020 | Final Action Date: Oct 14, 2020 | [Approved](#)

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- ▶ ANSI/UL 1838-2017, Standard for Safety for Low Voltage Landscape Lighting Systems (revision of ANSI/UL 1838-2015)  
Public Review Date: Feb 24, 2017 | Final Action Date: Apr 12, 2017 | [Approved](#)

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- ▶ ANSI/UL 1838-2020, Standard for Safety for Low Voltage Landscape Lighting Systems (revision of ANSI/UL 1838-2017)  
Public Review Date: Aug 21, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ ANSI/UL 1839-2020, Standard for Safety for Automotive Battery Booster Cables (revision of ANSI/UL 1839-2016)  
Public Review Date: Mar 20, 2020 | Final Action Date: Apr 22, 2020 | [Approved](#)

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- ▶ ANSI/UL 1839-2021, Standard for Safety for Automotive Battery Booster Cables (revision of ANSI/UL 1839-2020)  
Public Review Date: Jul 9, 2021 | Final Action Date: Oct 26, 2021 | [Approved](#)

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- ▶ ANSI/UL 1839-2021a, Standard for Safety for Automotive Battery Booster Cables (revision of ANSI/UL 1839-2021)  
Public Review Date: Nov 12, 2021 | Final Action Date: Dec 16, 2021 | [Approved](#)

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- ▶ ANSI/UL 1863-2019, Standard for Communications-Circuit Accessories (revision of ANSI/UL 1863-2012 (R2016))  
Public Review Date: Jul 26, 2019 | Final Action Date: Oct 1, 2019 | [Approved](#)

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- ▶ ANSI/UL 1887-2004 (R2021), Standard for Fire Test of Plastic Sprinkler Pipe for Visible Flame and Smoke Characteristics (August 20, 2021) (reaffirmation of ANSI/UL 1887-2004 (R2017))  
Public Review Date: Aug 20, 2021 | Final Action Date: Oct 11, 2021 | [Approved](#)

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- ▶ ANSI/UL 1889-2018, Standard for Safety for Commercial Filters for Cooking Oil (revision of ANSI/UL 1889-2009 (R2013))  
Public Review Date: Jun 29, 2018 | Final Action Date: Sep 4, 2018 | [Approved](#)

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- ▶ ANSI/UL 1897-2015 (R2020), UL Standard for Safety for Uplift Tests for Roof Covering Systems (reaffirmation of ANSI/UL 1897-2015)  
Public Review Date: Jul 17, 2020 | Final Action Date: Sep 30, 2020 | [Approved](#)

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- ▶ ANSI/UL 19-2018, Standard for Safety for Safety For Lined Fire Hose and Hose Assemblies (revision of ANSI/UL 19-2013)  
Public Review Date: Jun 8, 2018 | Final Action Date: Aug 13, 2018 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1917-2022, Solid-State Fan Speed Controls (revision of ANSI/UL 1917-2013 (R2017))  
Public Review Date: Apr 22, 2022 | Final Action Date: Jun 17, 2022 | [Approved](#)

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- ▶ ANSI/UL 193-2016 (R2021), Standard for Alarm Valves for Fire-Protection Service (reaffirmation of ANSI/UL 193-2016)  
Public Review Date: Dec 18, 2020 | Final Action Date: Feb 16, 2021 | [Approved](#)

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- ▶ ANSI/UL 1951-2016, Standard for Safety for Electric Plumbing Accessories (revision of ANSI/UL 1951-2014)  
Public Review Date: Aug 26, 2016 | Final Action Date: Oct 7, 2016 | [Approved](#)

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- ▶ ANSI/UL 1951-2017, Standard for Safety for Electric Plumbing Accessories (revision of ANSI/UL 1951-2016)  
Public Review Date: Dec 30, 2016 | Final Action Date: Feb 21, 2017 | [Approved](#)

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- ▶ ANSI/UL 1951-2017a, Standard for Safety for Electric Plumbing Accessories (revision of ANSI/UL 1951-2016)  
Public Review Date: Jul 14, 2017 | Final Action Date: Aug 25, 2017 | [Approved](#)

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- ▶ ANSI/UL 1951-2020, Standard for Safety for Electric Plumbing Accessories (revision of ANSI/UL 1951-2017a)  
Public Review Date: Apr 10, 2020 | Final Action Date: Jun 11, 2020 | [Approved](#)

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- ▶ ANSI/UL 1963-2021, Standard for Safety for Refrigerant Recovery/Recycling Equipment (revision of ANSI/UL 1963-2013)  
Public Review Date: Jan 22, 2021 | Final Action Date: Mar 17, 2021 | [Approved](#)

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- ▶ ANSI/UL 197-2018, Standard for Commercial Electric Cooking Appliances (revision of ANSI/UL 197-2014)  
Public Review Date: Dec 8, 2017 | Final Action Date: Jan 26, 2018 | [Approved](#)

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- ▶ ANSI/UL 197-2020, Standard for Safety for Commercial Electric Cooking Appliances (revision of ANSI/UL 197-2018)  
Public Review Date: May 8, 2020 | Final Action Date: Jul 1, 2020 | [Approved](#)

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- ▶ ANSI/UL 1971-2018, Standard for Safety for Signaling Devices for the Hearing Impaired (revision of ANSI/UL 1971-2008 (R2013))  
Public Review Date: Jun 1, 2018 | Final Action Date: Aug 29, 2018 | [Approved](#)

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- ▶ ANSI/UL 1973-2018, Standard for Safety for Batteries for Use In Light Electric Rail (LER) Applications and Stationary Applications (revision of ANSI/UL 1973-2016)  
Public Review Date: Jun 30, 2017 | Final Action Date: Feb 7, 2018 | [Approved](#)

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- ▶ ANSI/UL 1973-2018a, Standard for Safety for Batteries for Use In Light Electric Rail (LER) Applications and Stationary Applications (revision of ANSI/UL 1973-2016)  
Public Review Date: Oct 6, 2017 | Final Action Date: Feb 7, 2018 | [Approved](#)

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- ▶ ANSI/UL 1973-2022, Standard for Safety for Batteries for Use in Stationary and Motive Auxiliary Power Applications (revision of ANSI/UL 1973-2018)  
Public Review Date: Oct 29, 2021 | Final Action Date: Feb 25, 2022 | [Approved](#)

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- ▶ ANSI/UL 1974-2018, Standard for Safety for Evaluation for Repurposing Batteries (new standard)  
PINS Date: Mar 17, 2017 | Public Review Date: Aug 17, 2018 | Final Action Date: Oct 25, 2018 | [Approved](#)

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- ▶ ANSI/UL 1978-2013 (R2021), Standard for Grease Ducts (August 20, 2021) (reaffirmation of ANSI/UL 1978-2013 (R2017))  
Public Review Date: Aug 20, 2021 | Final Action Date: Oct 11, 2021 | [Approved](#)

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- ▶ ANSI/UL 1981-2014a, Standard for Safety for Central-Station Automation Systems (Proposal dated 5-30-14) (new standard)  
PINS Date: Sep 27, 2013 | Public Review Date: May 30, 2014 | Final Action Date: Oct 27, 2014 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1981-2019, Standard for Safety for Central-Station Automation Systems (revision of ANSI/UL 1981-2014)  
Public Review Date: Jun 7, 2019 | Final Action Date: Oct 18, 2019 | [Approved](#)

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- ▶ ANSI/UL 1989-2018, Standard for Safety for Standby Batteries (revision of ANSI/UL 1989-2013)  
Public Review Date: Jul 27, 2018 | Final Action Date: Nov 9, 2018 | [Approved](#)

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- ▶ ANSI/UL 1989-2018a, Standard for Safety for Standby Batteries (revision of ANSI/UL 1989-2013)  
Public Review Date: Sep 21, 2018 | Final Action Date: Nov 9, 2018 | [Approved](#)

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- ▶ ANSI/UL 198M-2003 (R2018), Standard for Safety for Mine-Duty Fuses (reaffirmation of ANSI/UL 198M-2003 (R2013))  
Public Review Date: Feb 16, 2018 | Final Action Date: Apr 4, 2018 | [Approved](#)

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- ▶ ANSI/UL 199-2020, Standard for Automatic Sprinklers for Fire-Protection Service (revision of ANSI/UL 199-2013 (R2017))  
Public Review Date: Oct 18, 2019 | Final Action Date: Apr 28, 2020 | [Approved](#)

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- ▶ ANSI/UL 199-2022, Standard for Automatic Sprinklers for Fire-Protection Service (revision of ANSI/UL 199-2020)  
Public Review Date: May 14, 2021 | Final Action Date: Feb 25, 2022 | [Approved](#)

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- ▶ ANSI/UL 199-2022a, Standard for Automatic Sprinklers for Fire-Protection Service (revision of ANSI/UL 199-2022)  
Public Review Date: May 27, 2022 | Final Action Date: Sep 22, 2022 | [Approved](#)

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- ▶ ANSI/UL 1990-2017, Standard for Safety for Nonmetallic Underground Conduit with Conductors (proposal dated 11/18/16) (revision of ANSI/UL 1990-2011 (R2016))  
Public Review Date: Nov 18, 2016 | Final Action Date: Jan 20, 2017 | [Approved](#)

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- ▶ ANSI/UL 1993-2017, Standard for Safety for Self-Ballasted Lamps and Lamp Adapters (revision of ANSI/UL 1993-2012a)  
Public Review Date: Aug 7, 2015 | Final Action Date: Jan 27, 2017 | [Approved](#)

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- ▶ ANSI/UL 1993-2017a, Standard for Safety for Self-Ballasted Lamps and Lamp Adapters (revision of ANSI/UL 1993-2012)  
Public Review Date: Oct 14, 2016 | Final Action Date: Jan 27, 2017 | [Approved](#)

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- ▶ ANSI/UL 1993-2018, Standard for Safety for Self-Ballasted Lamps and Lamp Adapters (revision of ANSI/UL 1993-2017)  
Public Review Date: May 25, 2018 | Final Action Date: Aug 6, 2018 | [Approved](#)

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- ▶ ANSI/UL 1993-2021, Standard for Safety for Self-Ballasted Lamps and Lamp Adapters (revision of ANSI/UL 1993-2018)  
Public Review Date: Oct 9, 2020 | Final Action Date: Mar 26, 2021 | [Approved](#)

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- ▶ ANSI/UL 1994-2010 (R2020), Standard for Safety for Luminous Egress Path Marking Systems (reaffirmation of ANSI/UL 1994-2010)  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/UL 1994-2015, Standard for Safety for Luminous Egress Path Marking Systems (revision of ANSI/UL 1994-2010b)  
Public Review Date: Apr 17, 2015 | Final Action Date: May 29, 2015 | [Approved](#)

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- ▶ ANSI/UL 1995-2015a, Standard for Safety for Heating and Cooling Equipment (revision of ANSI/UL 1995-2011a)  
Public Review Date: Oct 31, 2014 | Final Action Date: Jul 30, 2015 | [Approved](#)

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- ▶ ANSI/UL 1996-2020, Standard for Electric Duct Heaters (revision of ANSI/UL 1996-2016)  
Public Review Date: May 22, 2020 | Final Action Date: Jul 28, 2020 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 1996-2021, Standard for Electric Duct Heaters (revision of ANSI/UL 1996-2020)  
Public Review Date: Aug 13, 2021 | Final Action Date: Sep 29, 2021 | [Approved](#)

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- ▶ ANSI/UL 1996-2022, Standard for Safety for Electric Duct Heaters (revision of ANSI/UL 1996-2021)  
Public Review Date: Jul 22, 2022 | Final Action Date: Aug 30, 2022 | [Approved](#)

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- ▶ ANSI/UL 1998-2022, Standard for Safety for Software in Programmable Components (revision of ANSI/UL 1998-2018)  
Public Review Date: Oct 7, 2022 | Final Action Date: Nov 16, 2022 | [Approved](#)

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- ▶ ANSI/UL 20-2018, Standard for Safety for General-Use Snap Switches (revision of ANSI/UL 20-2012)  
Public Review Date: Feb 2, 2018 | Final Action Date: Jul 20, 2018 | [Approved](#)

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- ▶ ANSI/UL 20-2021, Standard for Safety for General-Use Snap Switches (revision of ANSI/UL 20-2018)  
Public Review Date: Apr 17, 2020 | Final Action Date: Jan 26, 2021 | [Approved](#)

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- ▶ ANSI/UL 201-2019, Standard for Safety for Garage Equipment (revision of ANSI/UL 201-2015)  
Public Review Date: Jun 21, 2019 | Final Action Date: Aug 22, 2019 | [Approved](#)

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- ▶ ANSI/UL 201-2021, UL Standard for Safety for Garage Equipment (revision of ANSI/UL 201-2019)  
Public Review Date: Jul 23, 2021 | Final Action Date: Sep 16, 2021 | [Approved](#)

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- ▶ ANSI/UL 201-2022, Standard for Safety for Garage Equipment (revision of ANSI/UL 201-2021)  
Public Review Date: Feb 11, 2022 | Final Action Date: Mar 18, 2022 | [Approved](#)

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- ▶ ANSI/UL 2017-2018, Standard for Safety for General-Purpose Signaling Devices and Systems (revision of ANSI/UL 2017-2016)  
Public Review Date: Oct 26, 2018 | Final Action Date: Dec 14, 2018 | [Approved](#)

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- ▶ ANSI/UL 2021-2016, Standard for Safety for Fixed and Location-Dedicated Electric Room Heaters (revision of ANSI/UL 2021-2015)  
Public Review Date: Oct 28, 2016 | Final Action Date: Dec 14, 2016 | [Approved](#)

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- ▶ ANSI/UL 2021-2021, Standard for Safety for Fixed and Location-Dedicated Electric Room Heaters (revision of ANSI/UL 2021-2015)  
Public Review Date: Nov 6, 2020 | Final Action Date: Feb 2, 2021 | [Approved](#)

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- ▶ ANSI/UL 2024-2021, Standard for Cable Routing Assemblies and Communications Raceways (revision of ANSI/UL 2024-2015)  
Public Review Date: Jun 25, 2021 | Final Action Date: Nov 17, 2021 | [Approved](#)

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- ▶ ANSI/UL 203-2020, Standard for Pipe Hanger Equipment for Fire Protection Service (revision of ANSI/UL 203-2015)  
Public Review Date: Sep 20, 2019 | Final Action Date: Feb 3, 2020 | [Approved](#)

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- ▶ ANSI/UL 2034-2017b, Standard for Safety for Single and Multiple Station Carbon Monoxide Alarms (revision of ANSI/UL 2034-2017a)  
Public Review Date: Aug 25, 2017 | Final Action Date: Dec 21, 2017 | [Approved](#)

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- ▶ ANSI/UL 2034-2017c, Standards for Safety for Single and Multiple Station Carbon Monoxide Alarms (revision of ANSI/UL 2034-2015a)  
Public Review Date: Mar 11, 2016 | Final Action Date: Dec 21, 2017 | [Approved](#)

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- ▶ ANSI/UL 2034-2017d, Standard for Safety for Single and Multiple Station Carbon Monoxide Alarms (revision of ANSI/UL 2034-2015)  
Public Review Date: Mar 4, 2016 | Final Action Date: Dec 21, 2017 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 2034-2017e, Standard for Safety for Single and Multiple Station Carbon Monoxide Alarms (revision of ANSI/UL 2034-2017a)  
Public Review Date: Nov 3, 2017 | Final Action Date: Dec 21, 2017 | [Approved](#)

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- ▶ ANSI/UL 2034-2018, Standard for Safety for Single and Multiple Station Carbon Monoxide Alarms (revision of ANSI/UL 2034-2017d)  
Public Review Date: Apr 6, 2018 | Final Action Date: Sep 4, 2018 | [Approved](#)

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- ▶ ANSI/UL 2034-2022, Standard for Safety for Single and Multiple Station Carbon Monoxide Alarms (revision of ANSI/UL 2034-2018)  
Public Review Date: Feb 4, 2022 | Final Action Date: Apr 5, 2022 | [Approved](#)

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- ▶ ANSI/UL 2034-2022a, Standard for Safety for Single and Multiple Station Carbon Monoxide Alarms (revision of ANSI/UL 2034-2022)  
Public Review Date: Jul 8, 2022 | Final Action Date: Oct 7, 2022 | [Approved](#)

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- ▶ ANSI/UL 2039-2016, Standard for Flexible Connector Piping For Fuels (new standard)  
PINS Date: May 22, 2015 | Public Review Date: Jan 29, 2016 | Final Action Date: May 5, 2016 | [Approved](#)

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- ▶ ANSI/UL 203A-2015, Standard for Safety for Sway Brace Devices for Sprinkler System Piping (new standard)  
PINS Date: May 4, 2012 | Public Review Date: Apr 10, 2015 | Final Action Date: Dec 18, 2015 | [Approved](#)

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- ▶ ANSI/UL 203A-2015a, Standard for Safety for Sway Brace Devices for Sprinkler System Piping (new standard)  
PINS Date: May 4, 2012 | Public Review Date: Sep 25, 2015 | Final Action Date: Dec 18, 2015 | [Approved](#)

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- ▶ ANSI/UL 203A-2019, Standard for Sway Brace Devices For Sprinkler System Piping (revision of ANSI/UL 203A-2015)  
Public Review Date: May 3, 2019 | Final Action Date: Aug 8, 2019 | [Approved](#)

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- ▶ ANSI/UL 2040-2015 (R2020), Standard for Safety for Folding Rollaway Tables (reaffirmation of ANSI/UL 2040-2015)  
Public Review Date: Jun 12, 2020 | Final Action Date: Aug 20, 2020 | [Approved](#)

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- ▶ ANSI/UL 2043-2013 (R2018), Standard for Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces (reaffirmation of ANSI/UL 2043-2013)  
Public Review Date: May 25, 2018 | Final Action Date: Jul 13, 2018 | [Approved](#)

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- ▶ ANSI/UL 2044-2019, Standard for Safety for Commercial Closed-Circuit Television Equipment (revision of ANSI/UL 2044-2004 (R2016))  
Public Review Date: Mar 8, 2019 | Final Action Date: Jun 28, 2019 | [Approved](#)

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- ▶ ANSI/UL 2061-2020, Standard for Safety for Adapters and Cylinder Connection Devices for Portable LP-Gas Cylinder Assemblies (revision of ANSI/UL 2061-2015)  
Public Review Date: Aug 23, 2019 | Final Action Date: Jan 29, 2020 | [Approved](#)

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- ▶ ANSI/UL 207-2020, Standard for Safety for Refrigerant-Containing Components and Accessories, Nonelectrical (revision of ANSI/UL 207-2014)  
Public Review Date: Aug 2, 2019 | Final Action Date: Jan 21, 2020 | [Approved](#)

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- ▶ ANSI/UL 207-2022, Standard for Refrigerant-Containing Components and Accessories (revision of ANSI/UL 207-2020)  
Public Review Date: Jul 22, 2022 | Final Action Date: Aug 26, 2022 | [Approved](#)

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- ▶ ANSI/UL 2075-2021, Standard for Safety for Gas and Vapor Detectors and Sensors (revision of ANSI/UL 2075-2017)  
Public Review Date: Jul 9, 2021 | Final Action Date: Aug 31, 2021 | [Approved](#)

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- ▶ ANSI/UL 2075-2023, Standard for Safety for Gas and Vapor Detectors and Sensors (revision of ANSI/UL 2075-2021)  
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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 2079-2020, Standard for Safety for Tests for Fire Resistance of Building Joint Systems (revision of ANSI/UL 2079-2015)

Public Review Date: Apr 17, 2020 | Final Action Date: Jul 29, 2020 | [Approved](#)

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- ▶ ANSI/UL 2089-2018, Standard for Safety for Vehicle Battery Adapters (revision of ANSI/UL 2089-2011 (R2015))

Public Review Date: Mar 30, 2018 | Final Action Date: May 7, 2018 | [Approved](#)

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- ▶ ANSI/UL 209-2016 (R2020), Standard for Cellular Metal Floor Raceways and Fittings (reaffirmation of ANSI/UL 209-2016)

Public Review Date: Jun 12, 2020 | Final Action Date: Aug 25, 2020 | [Approved](#)

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- ▶ ANSI/UL 21-2022, Standard for Safety for LP-Gas Hose (revision of ANSI/UL 21-2017)

Public Review Date: Aug 5, 2022 | Final Action Date: Nov 8, 2022 | [Approved](#)

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- ▶ ANSI/UL 2108-2017, Standard for Low Voltage Lighting Systems (revision of ANSI/UL 2108-2015b)

Public Review Date: Apr 14, 2017 | Final Action Date: May 30, 2017 | [Approved](#)

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- ▶ ANSI/UL 2108-2019, Standard for Safety for Low Voltage Lighting Systems (revision of ANSI/UL 2108-2017)

Public Review Date: Oct 25, 2019 | Final Action Date: Dec 6, 2019 | [Approved](#)

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- ▶ ANSI/UL 2108-2021, Standard for Safety for Low Voltage Lighting Systems (revision of ANSI/UL 2108-2019)

Public Review Date: Jul 16, 2021 | Final Action Date: Dec 30, 2021 | [Approved](#)

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- ▶ ANSI/UL 2115-2017, Standard for Safety for Processed Solid-Fuel Firelogs and Firestarters (revision of ANSI/UL 2115-2010 (R2014))

Public Review Date: Feb 3, 2017 | Final Action Date: Nov 7, 2017 | [Approved](#)

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- ▶ ANSI/UL 2115-2017a, Standard for Safety for Processed Solid-Fuel Firelogs and Firestarters (revision of ANSI/UL 2115-2010 (R2014))

Public Review Date: Aug 4, 2017 | Final Action Date: Nov 7, 2017 | [Approved](#)

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- ▶ ANSI/UL 2127-2017, Standard for Inert Gas Clean Agent Extinguishing System Units (revision of ANSI/UL 2127-2016)

Public Review Date: Sep 9, 2016 | Final Action Date: May 9, 2017 | [Approved](#)

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- ▶ ANSI/UL 2127-2018, Standard for Safety for Inert Gas Clean Agent Extinguishing System Units (revision of ANSI/UL 2127-2017)

Public Review Date: Sep 15, 2017 | Final Action Date: Oct 17, 2018 | [Approved](#)

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- ▶ ANSI/UL 2127-2019, Standard for Inert Gas Clean Agent Extinguishing System Units (revision of )

Public Review Date: Nov 9, 2018 | Final Action Date: Oct 21, 2019 | [Approved](#)

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- ▶ ANSI/UL 2127-2020, Standard for Inert Gas Clean Agent Extinguishing System Units (revision of ANSI/UL 2127-2019)

Public Review Date: Dec 20, 2019 | Final Action Date: May 15, 2020 | [Approved](#)

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- ▶ ANSI/UL 2127-2020a, Standard for Inert Gas Clean Agent Extinguishing System Units (revision of ANSI/UL 2127-2015)

Public Review Date: Mar 20, 2020 | Final Action Date: Sep 2, 2020 | [Approved](#)

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- ▶ ANSI/UL 2127-2021, Standard for Inert Gas Clean Agent Extinguishing System Units (September 10, 2021) (revision of ANSI/UL 2127-2021)

Public Review Date: Sep 10, 2021 | Final Action Date: Nov 30, 2021 | [Approved](#)

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- ▶ ANSI/UL 2129-2017, Standard for Safety for Halocarbon Clean Agent Fire Extinguishers (revision of ANSI/UL 2129-2014)

Public Review Date: Jul 29, 2016 | Final Action Date: Jan 5, 2017 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 2129-2021, Standard for Halocarbon Clean Agent Fire Extinguishers (revision of ANSI/UL 2129-2017)  
Public Review Date: Nov 20, 2020 | Final Action Date: Apr 27, 2021 | [Approved](#)

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- ▶ ANSI/UL 213-2018, Standard for Safety for Rubber Gasketed Fittings for Fire-Protection Service (revision of ANSI/UL 213-2013)  
Public Review Date: Jun 23, 2017 | Final Action Date: May 2, 2018 | [Approved](#)

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- ▶ ANSI/UL 213-2018a, Standard for Safety for Rubber Gasketed Fittings for Fire-Protection Service (revision of ANSI/UL 213-2013)  
Public Review Date: Oct 27, 2017 | Final Action Date: Feb 15, 2018 | [Approved](#)

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- ▶ ANSI/UL 213-2018b, Standard for Safety for Rubber Gasketed Fittings for Fire-Protection Service (revision of ANSI/UL 213-2013)  
Public Review Date: Dec 15, 2017 | Final Action Date: Feb 15, 2018 | [Approved](#)

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- ▶ ANSI/UL 213-2019, Standard for Safety for Rubber Gasketed Fittings for Fire-Protection Service (revision of ANSI/UL 213-2018)  
Public Review Date: Feb 22, 2019 | Final Action Date: Jul 12, 2019 | [Approved](#)

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- ▶ ANSI/UL 213-2022, Standard for Rubber Gasketed Fittings for Fire-Protection Service (February 25, 2022) (revision of ANSI/UL 213-2019)  
Public Review Date: Feb 25, 2022 | Final Action Date: Apr 22, 2022 | [Approved](#)

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- ▶ ANSI/UL 213C-2015 (R2020), Standard for Grooved and Plain End Fittings (reaffirmation of ANSI/UL 213C-2015)  
Public Review Date: Apr 10, 2020 | Final Action Date: Jul 29, 2020 | [Approved](#)

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- ▶ ANSI/UL 2152-2021, Standard for Special Purpose Nonmetallic Containers and Tanks for Specific Combustible or Noncombustible Liquids (new standard)  
PINS Date: Jun 15, 2018 | Public Review Date: Jul 17, 2020 | Final Action Date: Jan 26, 2021 | [Approved](#)

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- ▶ ANSI/UL 2157-2015, Standard for Safety for Electric Clothes Washing Machines and Extractors (revision of ANSI/UL 2157-2004 (R2010))  
Public Review Date: Feb 13, 2015 | Final Action Date: Nov 2, 2015 | [Approved](#)

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- ▶ ANSI/UL 2157-2015a, Standard for Safety for Electric Clothes Washing Machines and Extractors (revision of ANSI/UL 2157-2004 (R2010))  
Public Review Date: Jul 24, 2015 | Final Action Date: Nov 2, 2015 | [Approved](#)

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- ▶ ANSI/UL 2157-2018, Standard for Safety for Electric Clothes Washing Machines and Extractors (proposal dated 1-19-18) (revision of ANSI/UL 2157-2015)  
Public Review Date: Jan 19, 2018 | Final Action Date: May 28, 2018 | [Approved](#)

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- ▶ ANSI/UL 2157-2018a, Standard for Safety for Electric Clothes Washing Machines and Extractors (proposal dated 10-27-17) (revision of ANSI/UL 2157-2015)  
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- ▶ ANSI/UL 2157-2018b, Standard for Safety for Electric Clothes Washing Machines and Extractors (proposal dated 4-28-17) (revision of ANSI/UL 2157-2015)  
Public Review Date: Apr 28, 2017 | Final Action Date: May 28, 2018 | [Approved](#)

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- ▶ ANSI/UL 2157-2019, Standard for Safety for Electric Clothes Washing Machines and Extractors (revision of ANSI/UL 2157-2018)  
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- ▶ ANSI/UL 2158-2018, Standard for Safety for Electric Clothes Dryers (proposal dated 4-17-17) (revision of ANSI/UL 2158-2015)  
Public Review Date: Apr 28, 2017 | Final Action Date: Apr 6, 2018 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 2158-2018a, Standard for Safety for Electric Clothes Dryers (proposal dated 10-27-17) (revision of ANSI/UL 2158-2015)

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- ▶ ANSI/UL 2158-2019, Standard for Safety for Electric Clothes Dryers (proposal dated 6-14-19) (revision of ANSI/UL 2158-2018)

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- ▶ ANSI/UL 2158-2021, Standard for Safety for Electric Clothes Dryers (revision of ANSI/UL 2158-2019)

Public Review Date: Apr 16, 2021 | Final Action Date: Jul 30, 2021 | [Approved](#)

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- ▶ ANSI/UL 2158A-2021, Standard for Clothes Dryer Transition Duct (revision of ANSI/UL 2158A-2013 (R2017))

Public Review Date: Jul 23, 2021 | Final Action Date: Oct 11, 2021 | [Approved](#)

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- ▶ ANSI/UL 2162-2014 (R2019), Standard for Commercial Wood-fired Baking Ovens - Refractory Type (reaffirmation of ANSI/UL 2162-2014)

Public Review Date: May 17, 2019 | Final Action Date: Jul 22, 2019 | [Approved](#)

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- ▶ ANSI/UL 2166-2017, Standard for Halocarbon Clean Agent Extinguishing System Units (revision of ANSI/UL 2166-2016)

Public Review Date: Sep 9, 2016 | Final Action Date: May 10, 2017 | [Approved](#)

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- ▶ ANSI/UL 2166-2019, Standard for Halocarbon Clean Agent Extinguishing System Units (revision of ANSI/UL 2166-2017)

Final Action Date: Oct 21, 2019 | [Approved](#)

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- ▶ ANSI/UL 2166-2020, Standard for Halocarbon Clean Agent Extinguishing System Units (revision of ANSI/UL 2166-2019)

Public Review Date: Dec 20, 2019 | Final Action Date: May 15, 2020 | [Approved](#)

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- ▶ ANSI/UL 2166-2020a, Standard for Halocarbon Clean Agent Extinguishing System Units (revision of ANSI/UL 2166-2015)

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- ▶ ANSI/UL 2166-2021, Standard for Halocarbon Clean Agent Extinguishing System Units (revision of ANSI/UL 2166-2020)

Public Review Date: Feb 5, 2021 | Final Action Date: Mar 12, 2021 | [Approved](#)

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- ▶ ANSI/UL 2166-2021a, Standard for Halocarbon Clean Agent Extinguishing System Units (September 10, 2021) (revision of ANSI/UL 2166-2021a)

Public Review Date: Sep 10, 2021 | Final Action Date: Dec 8, 2021 | [Approved](#)

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- ▶ ANSI/UL 2167-2021, Standard for Water Mist Nozzles for Fire Protection Service (revision of ANSI/UL 2167-2011 (R2017))

Public Review Date: Sep 11, 2020 | Final Action Date: Mar 9, 2021 | [Approved](#)

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- ▶ ANSI/UL 217-2022a, Standard for Safety for Smoke Alarms (revision of ANSI/UL 217-2020)

Public Review Date: Jul 29, 2022 | Final Action Date: Oct 7, 2022 | [Approved](#)

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- ▶ ANSI/UL 218-2015 (R2020), UL Standard for Safety for Fire Pump Controllers (reaffirmation of ANSI/UL 218-2015)

Public Review Date: May 8, 2020 | Final Action Date: Jul 22, 2020 | [Approved](#)

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- ▶ ANSI/UL 2182-2017 (R2022), Standard for Refrigerants (reaffirmation of ANSI/UL 2182-2017)

Public Review Date: Dec 24, 2021 | Final Action Date: Feb 11, 2022 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 218A-2004 (R2018), Standard for Safety for Battery Contactors for Use in Diesel Engines Driving Centrifugal Fire Pumps (reaffirmation of ANSI/UL 218A-2004 (R2013))  
Public Review Date: Apr 27, 2018 | Final Action Date: Jul 9, 2018 | [Approved](#)

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- ▶ ANSI/UL 219-2018, Standard for Lined Fire Hose for Interior Standpipes (revision of ANSI/UL 219-2013)  
Public Review Date: Oct 5, 2018 | Final Action Date: Dec 11, 2018 | [Approved](#)

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- ▶ ANSI/UL 2196-2017, Standard for Safety for Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control, and Data Cables (revision of ANSI/UL 2196-2006 (R2012))  
Public Review Date: Sep 23, 2016 | Final Action Date: Aug 29, 2017 | [Approved](#)

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- ▶ ANSI/UL 2196-2017a, Standard for Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control, and Data Cables (revision of ANSI/UL 2196-2006 (R2012))  
Public Review Date: Apr 14, 2017 | Final Action Date: Aug 29, 2017 | [Approved](#)

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- ▶ ANSI/UL 2196-2018, Standard For Safety For Standard for Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables (revision of ANSI/UL 2196-2017)  
Public Review Date: Feb 23, 2018 | Final Action Date: Nov 30, 2018 | [Approved](#)

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- ▶ ANSI/UL 2196-2020, Standard for Safety for Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables (revision of ANSI/UL 2196-2018)  
Public Review Date: Apr 17, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ ANSI/UL 22-2010 (R2019), Standard for Safety for Amusement and Gaming Machines (reaffirmation of ANSI/UL 22-2010 (R2014))  
Public Review Date: Nov 23, 2018 | Final Action Date: Feb 6, 2019 | [Approved](#)

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- ▶ ANSI/UL 2200-2020, Standard for Safety for Stationary Engine Generator Assemblies (9-20-19 and 5-1-20) (revision of ANSI/UL 2200-2015)  
Public Review Date: May 1, 2020 | Final Action Date: Sep 29, 2020 | [Approved](#)

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- ▶ ANSI/UL 2200-2022, Standard for Stationary Engine Generator Assemblies (revision of ANSI/UL 2200-2020)  
Public Review Date: May 20, 2022 | Final Action Date: Sep 23, 2022 | [Approved](#)

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- ▶ ANSI/UL 2201-2018, Standard for Tests for Determining CO Emission Rate of Portable Generators (new standard)  
PINS Date: Apr 20, 2007 | Public Review Date: Nov 3, 2017 | Final Action Date: Jan 24, 2018 | [Approved](#)

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- ▶ ANSI/UL 2202-2022, Standard for Safety for DC Charging Equipment for Electric Vehicles (revision of ANSI/UL 2202-2012 (R2018))  
Public Review Date: Jul 15, 2022 | Final Action Date: Dec 15, 2022 | [Approved](#)

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- ▶ ANSI/UL 2208-2020, Standard for Safety for Solvent Distillation Units (revision of ANSI/UL 2208-2006 (R2015))  
Public Review Date: Mar 13, 2020 | Final Action Date: May 7, 2020 | [Approved](#)

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- ▶ ANSI/UL 2218-2020, Standard for Impact Resistance of Prepared Roof Covering Materials (revision of ANSI/UL 2218-2012 (R2018))  
Public Review Date: May 1, 2020 | Final Action Date: Jul 31, 2020 | [Approved](#)

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- ▶ ANSI/UL 2218-2022, Standard for Impact Resistance of Prepared Roof Covering Materials (revision of ANSI/UL 2218-2020)  
Public Review Date: Oct 14, 2022 | Final Action Date: Nov 29, 2022 | [Approved](#)

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- ▶ ANSI/UL 2218A-2019, Standard for Safety for Impact Resistance of Roofing Systems (new standard)  
PINS Date: Apr 27, 2018 | Public Review Date: Apr 19, 2019 | Final Action Date: Aug 2, 2019 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 2225-2018, Standard for Safety for Cables and Cable-Fittings for Use in Hazardous (Classified) Locations (proposal dated 07-27-18) (revision of ANSI/UL 2225-2017)  
Public Review Date: Jul 27, 2018 | Final Action Date: Sep 21, 2018 | [Approved](#)

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- ▶ ANSI/UL 2225-2018A, Standard for Safety for Cables and Cable-Fittings for Use in Hazardous (Classified) Locations (revision of ANSI/UL 2225-2017)  
Public Review Date: Mar 30, 2018 | Final Action Date: Sep 21, 2018 | [Approved](#)

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- ▶ ANSI/UL 2225-2019, Standard for Safety for Cables and Cable-Fittings for Use in Hazardous (Classified) Locations (revision of ANSI/UL 2225-2018)  
Public Review Date: Feb 1, 2019 | Final Action Date: May 23, 2019 | [Approved](#)

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- ▶ ANSI/UL 2225-2020, Standard for Safety for Cables and Cable-Fittings for Use in Hazardous (Classified) Locations (revision of ANSI/UL 2225-2019)  
Public Review Date: Dec 20, 2019 | Final Action Date: Feb 6, 2020 | [Approved](#)

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- ▶ ANSI/UL 2225-2020a, Standard for Safety for Cables and Cable-Fittings for Use in Hazardous (Classified) Locations (revision of ANSI/UL 2225-2020)  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 8, 2020 | [Approved](#)

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- ▶ ANSI/UL 2225-2022, Standard for Safety for Cables and Cable-Fittings For Use In Hazardous (Classified) Locations (revision of ANSI/UL 2225-2020)  
Public Review Date: Feb 25, 2022 | Final Action Date: Apr 11, 2022 | [Approved](#)

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- ▶ ANSI/UL 2227-2019, Standard for Safety for Overfilling Prevention Devices (revision of ANSI/UL 2227-2014)  
Public Review Date: Jul 26, 2019 | Final Action Date: Nov 12, 2019 | [Approved](#)

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- ▶ ANSI/UL 2231-1-2016 (R2021), Standard For Safety For Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits: General Requirements (reaffirmation of ANSI/UL 2231-1-2016)  
Public Review Date: Jul 2, 2021 | Final Action Date: Sep 16, 2021 | [Approved](#)

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- ▶ ANSI/UL 2231-2-2016, Standard for Safety for Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits; Part 2: Particular Requirements for Protection Devices for Use in Charging Systems (revision of ANSI/UL 2231-2-2012)  
Public Review Date: Jun 19, 2015 | Final Action Date: Aug 26, 2016 | [Approved](#)

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- ▶ ANSI/UL 2231-2-2016a, Standard for Safety for Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits; Part 2: Particular Requirements for Protection Devices for Use in Charging Systems (revision of ANSI/UL 2231-2-2012)  
Public Review Date: Apr 1, 2016 | Final Action Date: Aug 26, 2016 | [Approved](#)

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- ▶ ANSI/UL 2231-2-2020, Standard for Safety for Personnel Protection Systems for Electric Vehicle (EV) Supply Circuits; Part 2: Particular Requirements for Protection Devices for Use in Charging Systems (revision of ANSI/UL 2231-2-2016)  
Public Review Date: May 15, 2020 | Final Action Date: Dec 15, 2020 | [Approved](#)

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- ▶ ANSI/UL 2237-2019, Standard for Safety for Multi-Point Interconnection Power Cable Assemblies for Industrial Machinery (new standard)  
PINS Date: Jul 31, 2015 | Public Review Date: Sep 21, 2018 | Final Action Date: Apr 16, 2019 | [Approved](#)

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- ▶ ANSI/UL 2237-2019a, Standard for Safety for Multi-Point Interconnection Power Cable Assemblies for Industrial Machinery (new standard)  
PINS Date: Jul 31, 2015 | Public Review Date: Feb 22, 2019 | Final Action Date: Apr 16, 2019 | [Approved](#)

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- ▶ ANSI/UL 2237-2021, Standard for Safety for Multi-Point Interconnection Power Cable Assemblies for Industrial Machinery (revision of ANSI/UL 2237-2019)  
Public Review Date: Oct 2, 2020 | Final Action Date: Jan 8, 2021 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 2238-2018, Standards for Safety for Cable Assemblies and Fittings for Industrial Control and Signal Distribution (revision of ANSI/UL 2238-2013)  
Public Review Date: May 11, 2018 | Final Action Date: Oct 2, 2018 | [Approved](#)

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- ▶ ANSI/UL 2238-2019, Standard for Cable Assemblies and Fittings for Industrial Control and Signal Distribution (revision of ANSI/UL 2238-2018)  
Public Review Date: Jul 26, 2019 | Final Action Date: Oct 15, 2019 | [Approved](#)

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- ▶ ANSI/UL 2238-2020, Standard for Cable Assemblies and Fittings for Industrial Control and Signal Distribution (revision of ANSI/UL 2238-2019)  
Public Review Date: Jul 24, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ ANSI/UL 2238-2021, Standard for Cable Assemblies and Fittings for Industrial Control and Signal Distribution (revision of ANSI/UL 2238-2020)  
Public Review Date: Jan 29, 2021 | Final Action Date: Mar 22, 2021 | [Approved](#)

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- ▶ ANSI/UL 2238-2021a, Standard for Cable Assemblies and Fittings for Industrial Control and Signal Distribution (revision of ANSI/UL 2238-2021)  
Public Review Date: Aug 13, 2021 | Final Action Date: Sep 20, 2021 | [Approved](#)

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- ▶ ANSI/UL 2238-2022, Standard for Cable Assemblies and Fittings for Industrial Control and Signal Distribution (revision of ANSI/UL 2238-2021)  
Public Review Date: Mar 11, 2022 | Final Action Date: Apr 20, 2022 | [Approved](#)

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- ▶ ANSI/UL 2239-2019, Standard for Safety for Hardware for the Support of Conduit, Tubing, and Cable (revision of ANSI/UL 2239-2015)  
Public Review Date: Aug 17, 2018 | Final Action Date: Mar 22, 2019 | [Approved](#)

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- ▶ ANSI/UL 2239-2022, Standard for Safety for the Support of Conduit, Tubing, and Cable (revision of ANSI/UL 2239-2019)  
Public Review Date: May 21, 2021 | Final Action Date: Jan 14, 2022 | [Approved](#)

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- ▶ ANSI/UL 224-2016, Standard for Safety for Extruded Insulating Tubing (revision of ANSI/UL 224-2010)  
Public Review Date: Jul 15, 2016 | Final Action Date: Sep 2, 2016 | [Approved](#)

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- ▶ ANSI/UL 224-2021, Standard for Safety for Extruded Insulating Tubing (revision of ANSI/UL 224-2010 (R2016))  
Public Review Date: Oct 16, 2020 | Final Action Date: May 5, 2021 | [Approved](#)

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- ▶ ANSI/UL 2250-2017, Standard for Safety for Instrumentation Tray Cable (Proposal dated 11/4/16) (revision of ANSI/UL 2250-2009a (R2014))  
Public Review Date: Nov 4, 2016 | Final Action Date: Mar 30, 2017 | [Approved](#)

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- ▶ ANSI/UL 2250-2020, Standard for Safety for Instrumentation Tray Cable (revision of ANSI/UL 2250-2017)  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 23, 2020 | [Approved](#)

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- ▶ ANSI/UL 2250-2022, Standard for Safety for Instrumentation Tray Cable (revision of ANSI/UL 2250-2020)  
Public Review Date: Nov 5, 2021 | Final Action Date: Mar 30, 2022 | [Approved](#)

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- ▶ ANSI/UL 2251-2017, Standard for Safety for Plugs, Receptacles, and Couplers for Electric Vehicle (revision of ANSI/UL 2251-2013)  
Public Review Date: Mar 10, 2017 | Final Action Date: Nov 20, 2017 | [Approved](#)

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- ▶ ANSI/UL 2251-2017a, Standard for Safety for Plugs, Receptacles, and Couplers for Electric Vehicle (revision of ANSI/UL 2251-2013)  
Public Review Date: Sep 15, 2017 | Final Action Date: Nov 20, 2017 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 2251-2022, Standard for Safety for Plugs, Receptacles, and Couplers for Electric Vehicles (revision of ANSI/UL 2251-2017)  
Public Review Date: Aug 26, 2022 | Final Action Date: Dec 15, 2022 | [Approved](#)

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- ▶ ANSI/UL 2255-2021, Standard for Safety for Receptacle Closures (revision of ANSI/UL 2255-2012 (R2016))  
Public Review Date: Feb 26, 2021 | Final Action Date: May 17, 2021 | [Approved](#)

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- ▶ ANSI/UL 2258-2018, Standard for Aboveground Nonmetallic Tanks for Fuel Oil and Other Combustible Liquids (new standard)  
PINS Date: Jul 21, 2017 | Public Review Date: Oct 27, 2017 | Final Action Date: May 17, 2018 | [Approved](#)

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- ▶ ANSI/UL 2258-2018a, Standard for Aboveground Nonmetallic Tanks for Fuel Oil and Other Combustible Liquids (new standard)  
PINS Date: Jul 21, 2017 | Public Review Date: Feb 23, 2018 | Final Action Date: May 17, 2018 | [Approved](#)

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- ▶ ANSI/UL 2258-2019, Standard for Aboveground Nonmetallic Tanks for Fuel Oil and Other Combustible Liquids (revision of ANSI/UL 2258-2018)  
Public Review Date: Aug 24, 2018 | Final Action Date: Mar 12, 2019 | [Approved](#)

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- ▶ ANSI/UL 2263-2022, Standard for Safety for Electric Vehicle Cable (new standard)  
PINS Date: Sep 23, 2016 | Public Review Date: Dec 3, 2021 | Final Action Date: May 9, 2022 | [Approved](#)

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- ▶ ANSI/UL 2267-2020, Standard for Safety for Fuel Cell Power Systems for Installation in Industrial Electric Trucks (proposal dated 11-29-19) (revision of ANSI/UL 2267-2013 (R2018))  
Public Review Date: Nov 29, 2019 | Final Action Date: Feb 25, 2020 | [Approved](#)

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- ▶ ANSI/UL 2271-2018, Standard for Safety for Batteries for Use In Light Eletric Vehicle (LEV) Applications (revision of ANSI/UL 2271-2013)  
Public Review Date: Dec 22, 2017 | Final Action Date: Sep 5, 2018 | [Approved](#)

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- ▶ ANSI/UL 2271-2018a, Standard for Safety for Batteries for Use In Light Electric Vehicle (LEV) Applications (revision of ANSI/UL 2271-2013)  
Public Review Date: May 25, 2018 | Final Action Date: Sep 5, 2018 | [Approved](#)

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- ▶ ANSI/UL 2272-2016a, Standard for Safety for Electrical Systems for Self-Balancing Scooters (new standard)  
PINS Date: Jan 22, 2016 | Public Review Date: Jul 15, 2016 | Final Action Date: Nov 21, 2016 | [Approved](#)

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- ▶ ANSI/UL 2272-2019, Standard for Safety for Electrical Systems for Personal E-Mobility Devices (revision of ANSI/UL 2272-2016)  
Public Review Date: Apr 27, 2018 | Final Action Date: Feb 25, 2019 | [Approved](#)

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- ▶ ANSI/UL 231-2019, Standard for Safety for Power Outlets (revision of ANSI/UL 231-2016)  
Public Review Date: Mar 22, 2019 | Final Action Date: Jun 28, 2019 | [Approved](#)

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- ▶ ANSI/UL 231-2020, Standard for Safety for Power Outlets (revision of ANSI/UL 231-2019)  
Public Review Date: Apr 24, 2020 | Final Action Date: Jun 9, 2020 | [Approved](#)

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- ▶ ANSI/UL 231-2021, Standard for Safety for Power Outlets (revision of ANSI/UL 231-2020)  
Public Review Date: Oct 23, 2020 | Final Action Date: Jan 22, 2021 | [Approved](#)

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- ▶ ANSI/UL 231-2022, Standard for Safety for Power Outlets (revision of ANSI/UL 231-2021)  
Public Review Date: Dec 24, 2021 | Final Action Date: Mar 29, 2022 | [Approved](#)

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- ▶ ANSI/UL 231-2022a, Standard for Safety for Power Outlets (revision of ANSI/UL 231-2022)  
Public Review Date: Aug 26, 2022 | Final Action Date: Oct 12, 2022 | [Approved](#)

**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 2333-2003 (R2019), Standard for Safety for Infrared Thermometers (reaffirmation of ANSI/UL 2333-2003 (R2014))  
Public Review Date: May 17, 2019 | Final Action Date: Aug 7, 2019 | [Approved](#)

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- ▶ ANSI/UL 2335-2012 (R2022), Standard for Safety for Fire Tests of Storage Pallets (June 3, 2022) (reaffirmation of ANSI/UL 2335-2012 (R2017))  
Public Review Date: Jun 3, 2022 | Final Action Date: Jul 21, 2022 | [Approved](#)

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- ▶ ANSI/UL 234-2015 (R2020), Standard for Safety for Low Voltage Lighting Fixtures for Use in Recreational Vehicles (reaffirmation of ANSI/UL 234-2015)  
Public Review Date: Mar 13, 2020 | Final Action Date: Jun 10, 2020 | [Approved](#)

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- ▶ ANSI/UL 2344-2012 (R2022), Standard for Material Lifts (reaffirmation of ANSI/UL 2344-2012 (R2017))  
Public Review Date: Feb 18, 2022 | Final Action Date: Apr 19, 2022 | [Approved](#)

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- ▶ ANSI/UL 2351-2014 (R2018), Standard for Spray Nozzles for Fire-Protection Service (reaffirmation of ANSI/UL 2351-2014)  
Public Review Date: Aug 10, 2018 | Final Action Date: Oct 2, 2018 | [Approved](#)

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- ▶ ANSI/UL 2353-2016, Standard for Safety for Single- and Multi-Layer Insulated Winding Wire (proposal dated 3-25-16) (revision of ANSI/UL 2353-2015a)  
Public Review Date: Mar 25, 2016 | Final Action Date: Oct 10, 2016 | [Approved](#)

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- ▶ ANSI/UL 2353-2016a, Standard for Safety for Single- and Multi-Layer Insulated Winding Wire (revision of ANSI/UL 2353-2015)  
Public Review Date: Aug 26, 2016 | Final Action Date: Oct 10, 2016 | [Approved](#)

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- ▶ ANSI/UL 2353-2018, The Standard for Safety for Single- and Multi-Layer Insulated Winding Wire (revision of ANSI/UL 2353-2016)  
Public Review Date: Jun 15, 2018 | Final Action Date: Dec 5, 2018 | [Approved](#)

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- ▶ ANSI/UL 2353-2018a, The Standard for Safety for Single- and Multi-Layer Insulated Winding Wire (revision of ANSI/UL 2353-2016)  
Public Review Date: Aug 24, 2018 | Final Action Date: Dec 5, 2018 | [Approved](#)

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- ▶ ANSI/UL 2353-2018b, Standard for Safety for Single- and Multi-Layer Insulated Winding Wire (revision of ANSI/UL 2353-2016)  
Public Review Date: Oct 12, 2018 | Final Action Date: Dec 5, 2018 | [Approved](#)

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- ▶ ANSI/UL 2353-2018c, Standard for Safety for Single- and Multi-Layer Insulated Winding Wire (revision of ANSI/UL 2353-2016)  
Public Review Date: Nov 9, 2018 | Final Action Date: Dec 14, 2018 | [Approved](#)

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- ▶ ANSI/UL 2353-2020, Standard for Safety for Single- and Multi-Layer Insulated Winding Wire (revision of ANSI/UL 2353-2018)  
Public Review Date: Sep 25, 2020 | Final Action Date: Dec 1, 2020 | [Approved](#)

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- ▶ ANSI/UL 2360-2004 (R2017), Standard for Safety for Test Methods for Determining the Combustibility Characteristics of Plastics Used in Semi-Conductor Tool Construction (reaffirmation of ANSI/UL 2360-2004 (R2013))  
Public Review Date: Jul 28, 2017 | Final Action Date: Oct 10, 2017 | [Approved](#)

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- ▶ ANSI/UL 2367-2021, Standard for Safety for Solid State Overcurrent Protectors (revision of ANSI/UL 2367-2009 (R2018))  
Public Review Date: Feb 12, 2021 | Final Action Date: Apr 19, 2021 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 2368-2014 (R2018), Standard for Safety for Fire Exposure Testing of Rigid Nonmetallic and Composite Nonmetallic Intermediate Bulk Containers for Combustible Liquids (reaffirmation of ANSI/UL 2368-2014)  
Public Review Date: Jul 13, 2018 | Final Action Date: Oct 10, 2018 | [Approved](#)

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- ▶ ANSI/UL 2388-2017 (R2022), Standard for Safety for Flexible Lighting Products (May 6, 2022) (reaffirmation of ANSI/UL 2388-2017)  
Public Review Date: May 6, 2022 | Final Action Date: Jun 28, 2022 | [Approved](#)

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- ▶ ANSI/UL 2416-2019, Standard for Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems (revision of ANSI/UL 2416-2015)  
Public Review Date: Jul 26, 2019 | Final Action Date: Nov 4, 2019 | [Approved](#)

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- ▶ ANSI/UL 2416-2020, Standard for Safety for Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems (revision of ANSI/UL 2416-2019)  
Public Review Date: Aug 21, 2020 | Final Action Date: Sep 28, 2020 | [Approved](#)

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- ▶ ANSI/UL 242-2018, Standard for Safety for Nonmetallic Containers for Waste Paper (revision of ANSI/UL 242-2004 (R2017))  
Public Review Date: Sep 21, 2018 | Final Action Date: Nov 30, 2018 | [Approved](#)

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- ▶ ANSI/UL 2420-2021, Standard for Belowground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (revision of ANSI/UL 2420-2014 (R2016))  
Public Review Date: Dec 18, 2020 | Final Action Date: Apr 30, 2021 | [Approved](#)

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- ▶ ANSI/UL 2431-2019, Standard for Durability of Fire Resistive Coatings and Materials (revision of ANSI/UL 2431-2014)  
Public Review Date: Nov 23, 2018 | Final Action Date: May 2, 2019 | [Approved](#)

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- ▶ ANSI/UL 2438-2014 (R2019), Standard for Safety for Outdoor Seasonal-Use Cord-Connected Wiring Devices. (reaffirmation of ANSI/UL 2438-2014)  
Public Review Date: May 31, 2019 | Final Action Date: Aug 29, 2019 | [Approved](#)

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- ▶ ANSI/UL 2438-2022, Standard for Safety for Outdoor Seasonal-Use Cord-Connected Wiring Devices (revision of ANSI/UL 2438-2014)  
Public Review Date: Sep 30, 2022 | Final Action Date: Dec 6, 2022 | [Approved](#)

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- ▶ ANSI/UL 2442-2018, Standard for Safety for Wall- and Ceiling-Mounts and Accessories (revision of ANSI/UL 2442-2014)  
Public Review Date: Mar 17, 2017 | Final Action Date: Jan 19, 2018 | [Approved](#)

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- ▶ ANSI/UL 2442-2018a, Standard for Safety for Wall- and Ceiling-Mounts and Accessories (revision of ANSI/UL 2442-2014)  
Public Review Date: Dec 15, 2017 | Final Action Date: Jan 19, 2018 | [Approved](#)

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- ▶ ANSI/UL 2442-2019, Standard for Safety for Wall- and Ceiling-Mounts and Accessories (revision of ANSI/UL 2442-2018)  
Public Review Date: Nov 30, 2018 | Final Action Date: Jun 18, 2019 | [Approved](#)

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- ▶ ANSI/UL 2442-2019a, Standard for Safety for Wall- and Ceiling-Mounts and Accessories (revision of ANSI/UL 2442-2018)  
Public Review Date: Mar 8, 2019 | Final Action Date: Jun 18, 2019 | [Approved](#)

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- ▶ ANSI/UL 2442-2022, Standard for Safety for Wall and Ceiling Mounts and Accessories (revision of ANSI/UL 2442-2019)  
Public Review Date: Dec 31, 2021 | Final Action Date: Mar 14, 2022 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 2442-2022a, Standard for Wall- and Ceiling-Mounts and Accessories (August 26, 2022) (revision of ANSI/UL 2442-2022)

Public Review Date: Aug 26, 2022 | Final Action Date: Oct 3, 2022 | [Approved](#)

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- ▶ ANSI/UL 2442-2023, Standard for Safety for Wall- and Ceiling-Mounts and Accessories (revision of ANSI/UL 2442-2022)

Public Review Date: Dec 9, 2022 | Final Action Date: Jan 13, 2023 | [Approved](#)

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- ▶ ANSI/UL 2443-2016, Flexible Sprinkler Hose With Fittings for Fire Protection Service (revision of ANSI/UL 2443-2015)

Public Review Date: Sep 30, 2016 | Final Action Date: Nov 23, 2016 | [Approved](#)

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- ▶ ANSI/UL 2443-2018, Standard for Flexible Sprinkler Hose with Fittings for Fire Protection Service (revision of ANSI/UL 2443-2016)

Public Review Date: Aug 17, 2018 | Final Action Date: Nov 16, 2018 | [Approved](#)

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- ▶ ANSI/UL 2443-2020, Standard for Safety for Flexible Sprinkler Hose with Fittings for Fire Protection Service (revision of ANSI/UL 2443-2018)

Public Review Date: Feb 21, 2020 | Final Action Date: May 20, 2020 | [Approved](#)

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- ▶ ANSI/UL 2443-2021, Standard for Flexible Sprinkler Hose With Fittings for Fire Protection Service (revision of ANSI/UL 2443-2020)

Public Review Date: Jul 9, 2021 | Final Action Date: Aug 13, 2021 | [Approved](#)

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- ▶ ANSI/UL 244B-2022a, Standard for Field Installed and/or Field Connected Appliance Controls (revision of ANSI/UL 244B-2022)

Public Review Date: Apr 1, 2022 | Final Action Date: Jun 28, 2022 | [Approved](#)

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- ▶ ANSI/UL 2459-2018, Standard for Safety for Insulated Multi-Pole Splicing Wire Connectors (revision of ANSI/UL 2459-2014)

Public Review Date: May 4, 2018 | Final Action Date: Sep 20, 2018 | [Approved](#)

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- ▶ ANSI/UL 2460-2015 (R2020), Standard for Safety for Nonshielded Cable (reaffirmation of ANSI/UL 2460-2015)

Public Review Date: Sep 4, 2020 | Final Action Date: Oct 23, 2020 | [Approved](#)

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- ▶ ANSI/UL 248-1-2022, Low-Voltage Fuses - Part 1: General Requirements (revision of ANSI/UL 248-1-2017)

Public Review Date: Jul 1, 2022 | Final Action Date: Oct 24, 2022 | [Approved](#)

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- ▶ ANSI/UL 248-10-2011 (R2020), Standard for Safety for Low-Voltage Fuses - Part 10: Class L Fuses (reaffirmation of ANSI/UL 248-10-2011 (R2015))

Public Review Date: Jun 12, 2020 | Final Action Date: Aug 6, 2020 | [Approved](#)

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- ▶ ANSI/UL 248-11-2011 (R2020), Standard for Safety for Low-Voltage Fuses - Part 11: Plug Fuses (reaffirmation of ANSI/UL 248-11-2011 (R2015))

Public Review Date: Jun 12, 2020 | Final Action Date: Aug 6, 2020 | [Approved](#)

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- ▶ ANSI/UL 248-12-2017 (R2022), Standard for Low-Voltage Fuses - Part 12: Class R Fuses (reaffirmation of ANSI/UL 248-12-2017)

Public Review Date: Sep 23, 2022 | Final Action Date: Nov 14, 2022 | [Approved](#)

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- ▶ ANSI/UL 248-13-2022, Low-Voltage Fuses - Part 13: Semiconductor Fuses (revision of ANSI/UL 248-13-2005 (R2020))

Public Review Date: Jul 9, 2021 | Final Action Date: Mar 31, 2022 | [Approved](#)

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- ▶ ANSI/UL 248-14-2005 (R2020), Standard for Safety for Low-Voltage Fuses - Part 14: Supplemental Fuses (reaffirmation of ANSI/UL 248-14-2005 (R2015))

Public Review Date: Feb 14, 2020 | Final Action Date: May 7, 2020 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 248-15-2018 (R2022), Low-Voltage Fuses - Part 15: Class T Fuses (reaffirmation of ANSI/UL 248-15-2018)  
Public Review Date: Oct 28, 2022 | Final Action Date: Dec 15, 2022 | [Approved](#)

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- ▶ ANSI/UL 248-16-2004 (R2018), Standard for Safety for Low-Voltage Fuses - Part 16: Test Limiters (reaffirmation of ANSI/UL 248-16-2004 (R2013))  
Public Review Date: Feb 16, 2018 | Final Action Date: Apr 4, 2018 | [Approved](#)

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- ▶ ANSI/UL 248-18-2022, Low-Voltage Fuses - Part 18: Class CD Fuses (new standard)  
Public Review Date: Jul 9, 2021 | Final Action Date: Mar 31, 2022 | [Approved](#)

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- ▶ ANSI/UL 248-19-2015, Standard for Safety for Low-Voltage Fuses - Part 19: Photovoltaic Fuses (Proposal dated 1-30-15) (new standard)  
PINS Date: Nov 25, 2011 | Public Review Date: Aug 21, 2015 | Final Action Date: Nov 13, 2015 | [Approved](#)

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- ▶ ANSI/UL 248-19-2020, Standard for Safety for Low-Voltage Fuses - Part 19: Photovoltaic Fuses (revision of ANSI/UL 248-19-2015)  
Public Review Date: Sep 27, 2019 | Final Action Date: Feb 28, 2020 | [Approved](#)

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- ▶ ANSI/UL 248-2-2005 (R2019), Standard for Safety for Low-Voltage Fuses - Part 2: Class C Fuses (reaffirmation of ANSI/UL 248-2-2005 (R2014))  
Public Review Date: Jan 18, 2019 | Final Action Date: Apr 11, 2019 | [Approved](#)

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- ▶ ANSI/UL 248-3-2005 (R2019), Standard for Safety for Low-Voltage Fuses - Part 3: Class CA and CB Fuses (reaffirmation of ANSI/UL 248-3-2005 (R2014))  
Public Review Date: Jan 18, 2019 | Final Action Date: Apr 11, 2019 | [Approved](#)

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- ▶ ANSI/UL 248-4-2005 (R2019), Standard for Safety for Low-Voltage Fuses - Part 4: Class CC Fuses (reaffirmation of ANSI/UL 248-4-2005 (R2014))  
Public Review Date: Jan 18, 2019 | Final Action Date: Apr 11, 2019 | [Approved](#)

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- ▶ ANSI/UL 248-5-2005 (R2019), Standard for Safety for Low-Voltage Fuses - Part 5: Class G Fuses (reaffirmation of ANSI/UL 248-5-2005 (R2015))  
Public Review Date: May 17, 2019 | Final Action Date: Jul 8, 2019 | [Approved](#)

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- ▶ ANSI/UL 248-6-2005 (R2019), Low-Voltage Fuses - Part 6: Class H Non-Renewable Fuses (reaffirmation of ANSI/UL 248-6-2005 (R2015))  
Public Review Date: May 17, 2019 | Final Action Date: Jul 8, 2019 | [Approved](#)

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- ▶ ANSI/UL 248-7-2005 (R2019), Standard for Safety for Low-Voltage Fuses - Part 7: Class H Renewable Fuses (reaffirmation of ANSI/UL 248-7-2005 (R2015))  
Public Review Date: May 17, 2019 | Final Action Date: Jul 8, 2019 | [Approved](#)

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- ▶ ANSI/UL 248-8-2011 (R2020), Standard for Safety for Low-Voltage Fuses - Part 8: Class J Fuses (reaffirmation of ANSI/UL 248-8-2011 (R2015))  
Public Review Date: Jun 12, 2020 | Final Action Date: Aug 6, 2020 | [Approved](#)

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- ▶ ANSI/UL 248-9-2005 (R2020), Standard for Safety for Low-Voltage Fuses - Part 9: Class K Fuses (reaffirmation of ANSI/UL 248-9-2005 (R2015))  
Public Review Date: Feb 14, 2020 | Final Action Date: May 7, 2020 | [Approved](#)

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- ▶ ANSI/UL 25-2021, Standard for Safety for Meters for Flammable and Combustible Liquids and LP-Gas (revision of ANSI/UL 25-2016)  
Public Review Date: Apr 16, 2021 | Final Action Date: Oct 27, 2021 | [Approved](#)

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- ▶ ANSI/UL 2515-2019, Standards for Safety for Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (revision of ANSI/UL 2515-2014)  
Public Review Date: Jun 8, 2018 | Final Action Date: Feb 5, 2019 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 2515-2022, Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (revision of ANSI/UL 2515-2019)  
Public Review Date: Sep 10, 2021 | Final Action Date: Mar 22, 2022 | [Approved](#)

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- ▶ ANSI/UL 2515A-2016, Standard for Safety for Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (revision of ANSI/UL 2515A-2014)  
Public Review Date: Jul 10, 2015 | Final Action Date: Apr 26, 2016 | [Approved](#)

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- ▶ ANSI/UL 2515A-2016a, Standard for Safety for Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (revision of ANSI/UL 2515A-2014)  
Public Review Date: Dec 4, 2015 | Final Action Date: Apr 26, 2016 | [Approved](#)

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- ▶ ANSI/UL 2515A-2019, Standard for Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (revision of ANSI/UL 2515A-2016)  
Public Review Date: Aug 23, 2019 | Final Action Date: Dec 13, 2019 | [Approved](#)

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- ▶ ANSI/UL 2518-2016 (R2021), Standard for Air Dispersion Systems (reaffirmation of ANSI/UL 2518-2016)  
Public Review Date: Mar 26, 2021 | Final Action Date: Jun 8, 2021 | [Approved](#)

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- ▶ ANSI/UL 252-2018, Standard for Safety for Compressed Gas Regulators (revision of ANSI/UL 252-2017)  
Public Review Date: Jun 22, 2018 | Final Action Date: Aug 9, 2018 | [Approved](#)

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- ▶ ANSI/UL 252-2022, Standard for Safety for Compressed Gas Regulators (revision of ANSI/UL 252-2018)  
Public Review Date: Apr 29, 2022 | Final Action Date: Oct 27, 2022 | [Approved](#)

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- ▶ ANSI/UL 2523-2018, Standard for Safety for Solid Fuel-Fired Hydronic Heating Appliances, Water Heaters and Boilers (revision of ANSI/UL 2523-2013)  
Public Review Date: Feb 9, 2018 | Final Action Date: Mar 16, 2018 | [Approved](#)

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- ▶ ANSI/UL 2523-2022, Standard for Safety for Solid Fuel-Fired Hydronic Heating Appliances, Water Heaters and Boilers (revision of ANSI/UL 2523-2018)  
Public Review Date: Sep 2, 2022 | Final Action Date: Oct 20, 2022 | [Approved](#)

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- ▶ ANSI/UL 2524-2018, Standard for In-building 2-Way Emergency Radio Communication Enhancement Systems (new standard)  
PINS Date: Dec 15, 2017 | Public Review Date: Aug 24, 2018 | Final Action Date: Oct 19, 2018 | [Approved](#)

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- ▶ ANSI/UL 2525-2020, Standard for Two-Way Emergency Communications Systems for Rescue Assistance (new standard)  
PINS Date: Mar 23, 2018 | Public Review Date: May 8, 2020 | Final Action Date: Jun 10, 2020 | [Approved](#)

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- ▶ ANSI/UL 252A-2019, Standard for Safety for Compressed Gas Regulator Accessories (revision of ANSI/UL 252A-2010 (R2015))  
Public Review Date: Sep 8, 2017 | Final Action Date: Jul 12, 2019 | [Approved](#)

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- ▶ ANSI/UL 252A-2019a, Standard for Safety for Compressed Gas Regulator Accessories (revision of ANSI/UL 252A-2010 (R2015))  
Public Review Date: May 3, 2019 | Final Action Date: Jul 12, 2019 | [Approved](#)

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- ▶ ANSI/UL 252A-2022, Standard for Safety for Compressed Gas Regulator Accessories (revision of ANSI/UL 252A-2019)  
Public Review Date: Apr 29, 2022 | Final Action Date: Oct 27, 2022 | [Approved](#)

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- ▶ ANSI/UL 2556-2015, Standard for Safety for Wire and Cable Test Methods (Proposal dated 05-01-15) (revision of ANSI/UL 2556-2013a)  
Public Review Date: May 1, 2015 | Final Action Date: Dec 15, 2015 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 2556-2021, Standard for Safety for Wire and Cable Test Methods (revision of ANSI/UL 2556-2015)  
Public Review Date: Nov 13, 2020 | Final Action Date: Apr 30, 2021 | [Approved](#)

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- ▶ ANSI/UL 2557-2020, Standard for Membrane Switches (new standard)  
Public Review Date: Jul 31, 2020 | Final Action Date: Oct 5, 2020 | [Approved](#)

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- ▶ ANSI/UL 2560-2018, Standard for Safety for Emergency Call Systems for Assisted Living and Independent Living Facilities (revision of ANSI/UL 2560-2015)  
Public Review Date: Sep 28, 2018 | Final Action Date: Nov 8, 2018 | [Approved](#)

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- ▶ ANSI/UL 2561-2009 (R2022), Standard for Safety for 1400 Degree Fahrenheit Factory-Built Chimneys (reaffirmation of ANSI/UL 2561-2009 (R2018))  
Public Review Date: Aug 12, 2022 | Final Action Date: Oct 20, 2022 | [Approved](#)

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- ▶ ANSI/UL 2565-2019, Standard for Safety for Industrial Metalworking and Woodworking Machine Tools (revision of ANSI/UL 2565-2013 (R2017))  
Public Review Date: Aug 16, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)

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- ▶ ANSI/UL 2572-2016, Mass Notification Systems (revision of ANSI/UL 2572-2011)  
Public Review Date: Jan 23, 2015 | Final Action Date: Mar 28, 2016 | [Approved](#)

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- ▶ ANSI/UL 2572-2016a, Mass Notification Systems (revision of ANSI/UL 2572-2011)  
Public Review Date: Nov 13, 2015 | Final Action Date: Mar 28, 2016 | [Approved](#)

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- ▶ ANSI/UL 2572-2018, Standard for Safety for Mass Notification Systems (revision of ANSI/UL 2572-2016a)  
Public Review Date: Oct 26, 2018 | Final Action Date: Dec 14, 2018 | [Approved](#)

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- ▶ ANSI/UL 2577-2017 (R2018), Standard for Safety for Standard for Suspended Ceiling Grid Low Voltage Systems and Equipment (reaffirmation of ANSI/UL 2577-2017)  
Public Review Date: Mar 23, 2018 | Final Action Date: Aug 3, 2018 | [Approved](#)

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- ▶ ANSI/UL 258-2022, Standard for Safety for Shutoff Valves for Trim and Drain Purposes for Fire Protection Service (new standard)  
PINS Date: Jun 25, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Feb 9, 2022 | [Approved](#)

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- ▶ ANSI/UL 2580-2020, Standard for Safety for Batteries for Use in Electrical Vehicles (revision of ANSI/UL 2580-2016)  
Public Review Date: Aug 23, 2019 | Final Action Date: Mar 11, 2020 | [Approved](#)

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- ▶ ANSI/UL 2580-2021, Standard for Safety for Batteries for Use in Electric Vehicles (revision of ANSI/UL 2580-2020)  
Public Review Date: Jan 15, 2021 | Final Action Date: Mar 31, 2021 | [Approved](#)

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- ▶ ANSI/UL 2580-2022, Standard for Safety for Batteries for Use in Electric Vehicles (revision of ANSI/UL 2580-2021)  
Public Review Date: Mar 25, 2022 | Final Action Date: Jun 28, 2022 | [Approved](#)

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- ▶ ANSI/UL 2583-2021, Standard for Safety for Fuel Tank Accessories for Flammable and Combustible Liquids (new standard)  
Public Review Date: Jul 30, 2021 | Final Action Date: Dec 8, 2021 | [Approved](#)

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- ▶ ANSI/UL 2586-2022, Standard for Safety for Hose Nozzle Valves for Flammable and Combustible Liquids (revision of ANSI/UL 2586-2021)  
Public Review Date: Jun 3, 2022 | Final Action Date: Dec 14, 2022 | [Approved](#)

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- ▶ ANSI/UL 2586A-2018, Standard for Safety for Hose Nozzle Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 2586A-2016)  
Public Review Date: Apr 6, 2018 | Final Action Date: Jun 29, 2018 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 2586A-2019, Standard for Safety for Hose Nozzle Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 2586A-2018)  
Public Review Date: Nov 16, 2018 | Final Action Date: Apr 1, 2019 | [Approved](#)

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- ▶ ANSI/UL 2586A-2022, Standard for Safety for Hose Nozzle Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 – E85) (revision of ANSI/UL 2586A-2019)  
Public Review Date: Jun 3, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)

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- ▶ ANSI/UL 2586B-2018, Standard for Safety for Hose Nozzle Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 2586B-2015)  
Public Review Date: Apr 6, 2018 | Final Action Date: Jun 29, 2018 | [Approved](#)

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- ▶ ANSI/UL 2586B-2020, Standard For Safety For Hose Nozzle Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 2586B-2015)  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 3, 2020 | [Approved](#)

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- ▶ ANSI/UL 2586B-2022, Standard for Safety for Hose Nozzle Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 2586B-2020)  
Public Review Date: Jun 3, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)

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- ▶ ANSI/UL 2592-2019, Standard for Safety for Low Voltage LED Wire (revision of ANSI/UL 2592-2015)  
Public Review Date: May 17, 2019 | Final Action Date: Jul 26, 2019 | [Approved](#)

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- ▶ ANSI/UL 2594-2022, Standard for Safety for Electric Vehicle Supply Equipment (revision of ANSI/UL 2594-2016)  
Public Review Date: Jul 8, 2022 | Final Action Date: Dec 15, 2022 | [Approved](#)

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- ▶ ANSI/UL 2595-2015, Standard for General Requirements for Battery-Powered Appliances (revision of ANSI/UL 2595-2013a)  
Public Review Date: Feb 13, 2015 | Final Action Date: Sep 9, 2015 | [Approved](#)

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- ▶ ANSI/UL 2595-2015a, Standard for Safety for General Requirements for Battery-Powered Appliances (revision of ANSI/UL 2595-2013a)  
Public Review Date: May 15, 2015 | Final Action Date: Sep 9, 2015 | [Approved](#)

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- ▶ ANSI/UL 25A-2016, Standard for Safety for Meters for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 25A-2015)  
Public Review Date: Feb 19, 2016 | Final Action Date: Apr 21, 2016 | [Approved](#)

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- ▶ ANSI/UL 25A-2016a, Standard for Safety for Meters for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 25A-2016)  
Public Review Date: Aug 26, 2016 | Final Action Date: Oct 7, 2016 | [Approved](#)

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- ▶ ANSI/UL 25A-2018, Standard for Safety for Meters for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 25A-2016)  
Public Review Date: Nov 17, 2017 | Final Action Date: Jan 31, 2018 | [Approved](#)

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- ▶ ANSI/UL 25A-2019, Standard for Safety for Meters for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 25A-2018)  
Public Review Date: May 3, 2019 | Final Action Date: Jun 25, 2019 | [Approved](#)

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- ▶ ANSI/UL 25B-2016, Standard for Safety for Meters for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 25B-2015)  
Public Review Date: Feb 19, 2016 | Final Action Date: Apr 21, 2016 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 25B-2016a, Standard for Safety for Meters for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 25B-2016)  
Public Review Date: Aug 26, 2016 | Final Action Date: Oct 7, 2016 | [Approved](#)

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- ▶ ANSI/UL 25B-2018, Standard for Safety for Meters for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 25B-2016)  
Public Review Date: Nov 17, 2017 | Final Action Date: Jan 31, 2018 | [Approved](#)

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- ▶ ANSI/UL 25B-2020, Standard for Safety for Meters for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 25B-2018)  
Public Review Date: Dec 27, 2019 | Final Action Date: Feb 20, 2020 | [Approved](#)

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- ▶ ANSI/UL 260-2018, Standard for Safety for Dry Pipe and Deluge Valves for Fire-Protection Service (revision of ANSI/UL 260-2008 (R2017))  
Public Review Date: Feb 23, 2018 | Final Action Date: Jul 3, 2018 | [Approved](#)

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- ▶ ANSI/UL 260-2018a, Standard for Safety for Dry Pipe and Deluge Valves for Fire-Protection Service (revision of ANSI/UL 260-2008 (R2017))  
Public Review Date: Apr 27, 2018 | Final Action Date: Jul 3, 2018 | [Approved](#)

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- ▶ ANSI/UL 2610-2018, Standard for Commercial Premises Security Alarm Units and Systems (new standard)  
PINS Date: Jan 15, 2016 | Public Review Date: Jul 6, 2018 | Final Action Date: Nov 29, 2018 | [Approved](#)

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- ▶ ANSI/UL 2610-2020, Standard for Safety for Commercial Premises Security Alarm Units and Systems (revision of ANSI/UL 2610-2018)  
Public Review Date: Nov 8, 2019 | Final Action Date: Jun 12, 2020 | [Approved](#)

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- ▶ ANSI/UL 2610-2021, Standard for Safety for Commercial Premises Security Alarm Units and Systems (revision of ANSI/UL 2610-2020)  
Public Review Date: Oct 23, 2020 | Final Action Date: Apr 7, 2021 | [Approved](#)

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- ▶ ANSI/UL 263-2018, Standard for Fire Tests of Building Construction and Materials (revision of ANSI/UL 263-2015)  
Public Review Date: Oct 6, 2017 | Final Action Date: Mar 2, 2018 | [Approved](#)

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- ▶ ANSI/UL 263-2020, Standard for Safety for Fire Tests of Building Construction and Materials (revision of ANSI/UL 263-2018)  
Public Review Date: Jun 19, 2020 | Final Action Date: Sep 3, 2020 | [Approved](#)

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- ▶ ANSI/UL 263-2021, Standard for Safety for Fire Tests of Building Construction and Materials (revision of ANSI/UL 263-2020)  
Public Review Date: Apr 30, 2021 | Final Action Date: Aug 5, 2021 | [Approved](#)

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- ▶ ANSI/UL 263-2022, Standard for Fire Tests of Building Construction and Materials (April 30, 2021) (revision of ANSI/UL 263-2021)  
Public Review Date: Dec 31, 2021 | Final Action Date: Mar 14, 2022 | [Approved](#)

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- ▶ ANSI/UL 268-2019, Standard for Safety for Smoke Detectors for Fire Alarm Systems (revision of ANSI/UL 268-2016)  
Public Review Date: May 31, 2019 | Final Action Date: Oct 31, 2019 | [Approved](#)

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- ▶ ANSI/UL 268-2021, Standard for Safety for Smoke Detectors for Fire Alarm Systems (revision of ANSI/UL 268-2019)  
Public Review Date: Apr 16, 2021 | Final Action Date: Nov 11, 2021 | [Approved](#)

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- ▶ ANSI/UL 2683-2020, Standard for Safety for Electric Heating Systems for Floor and Ceiling Installation (new standard)  
PINS Date: Mar 1, 2013 | Public Review Date: Nov 29, 2019 | Final Action Date: Feb 25, 2020 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 268A-2016, Standard for Safety for Smoke Detectors for Duct Application (revision of ANSI/UL 268A-2009 (R2014))  
Public Review Date: Jul 1, 2016 | Final Action Date: Aug 12, 2016 | [Approved](#)

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- ▶ ANSI/UL 268A-2020, Standard For Safety For Smoke Detectors for Duct Application (revision of ANSI/UL 268A-2016)  
Public Review Date: May 29, 2020 | Final Action Date: Aug 18, 2020 | [Approved](#)

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- ▶ ANSI/UL 2703-2019, Standard for Safety for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 2703-2015)  
Public Review Date: Nov 16, 2018 | Final Action Date: May 29, 2019 | [Approved](#)

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- ▶ ANSI/UL 2703-2019a, Standard for Safety for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 2703-2015)  
Public Review Date: Apr 5, 2019 | Final Action Date: May 29, 2019 | [Approved](#)

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- ▶ ANSI/UL 2703-2019b, Standard for Safety for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 2703-2015)  
Public Review Date: Feb 8, 2019 | Final Action Date: Aug 1, 2019 | [Approved](#)

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- ▶ ANSI/UL 2703-2019c, Standard for Safety for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 2703-2019)  
Public Review Date: Jun 28, 2019 | Final Action Date: Aug 1, 2019 | [Approved](#)

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- ▶ ANSI/UL 2703-2019d, Standard for Safety for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 2703-2019)  
Public Review Date: Nov 8, 2019 | Final Action Date: Dec 16, 2019 | [Approved](#)

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- ▶ ANSI/UL 2703-2021, Standard for Safety for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 2703-2019)  
Public Review Date: Feb 19, 2021 | Final Action Date: Mar 23, 2021 | [Approved](#)

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- ▶ ANSI/UL 2738-2018 (R2022), Standard for Safety for Induction Power Transmitters and Receivers for use with Low Energy Products (reaffirmation of ANSI/UL 2738-2018)  
Public Review Date: Sep 9, 2022 | Final Action Date: Nov 1, 2022 | [Approved](#)

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- ▶ ANSI/UL 2743-2016, Standard for Portable Power Packs (new standard)  
PINS Date: Dec 4, 2015 | Public Review Date: May 6, 2016 | Final Action Date: Oct 13, 2016 | [Approved](#)

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- ▶ ANSI/UL 2743-2016a, Standard for Portable Power Packs (new standard)  
PINS Date: Dec 4, 2015 | Public Review Date: Sep 9, 2016 | Final Action Date: Oct 13, 2016 | [Approved](#)

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- ▶ ANSI/UL 2743-2018, Standard for Safety for Portable Power Packs (revision of ANSI/UL 2743-2016)  
Public Review Date: Oct 6, 2017 | Final Action Date: Jul 2, 2018 | [Approved](#)

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- ▶ ANSI/UL 2743-2018a, Standard for Safety for Portable Power Packs (proposal dated 2-16-18) (revision of ANSI/UL 2743-2016)  
Public Review Date: Feb 16, 2018 | Final Action Date: Jul 2, 2018 | [Approved](#)

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- ▶ ANSI/UL 2743-2020, Standard for Safety for Portable Power Packs (proposal dated 10-4-19) (revision of ANSI/UL 2743-2018)  
Public Review Date: Oct 4, 2019 | Final Action Date: Apr 30, 2020 | [Approved](#)

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- ▶ ANSI/UL 2748-2017, Standard for Safety for Arcing Fault Quenching Equipment (new standard)  
PINS Date: Aug 14, 2015 | Public Review Date: Mar 17, 2017 | Final Action Date: Sep 22, 2017 | [Approved](#)

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- ▶ ANSI/UL 2748-2017a, Standard for Safety for Arcing Fault Quenching Equipment (new standard)  
PINS Date: Aug 14, 2015 | Public Review Date: Jul 7, 2017 | Final Action Date: Sep 22, 2017 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 2748-2018, Standard for Safety for Arcing Fault Quenching Equipment (revision of ANSI/UL 2748-2017)  
Public Review Date: Dec 15, 2017 | Final Action Date: Nov 5, 2018 | [Approved](#)

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- ▶ ANSI/UL 2748-2019, Standard for Safety for Arcing Fault Quenching Equipment (revision of ANSI/UL 2748-2017)  
Public Review Date: Nov 2, 2018 | Final Action Date: Jan 4, 2019 | [Approved](#)

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- ▶ ANSI/UL 2748-2020, Standard for Safety for Arcing Fault Quenching Equipment (revision of ANSI/UL 2748-2019)  
Public Review Date: Aug 21, 2020 | Final Action Date: Oct 26, 2020 | [Approved](#)

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- ▶ ANSI/UL 2748A-2017 (R2021), Standard for Safety for Arcing Fault Interrupting Devices (reaffirmation of ANSI/UL 2748A-2017)  
Public Review Date: Sep 10, 2021 | Final Action Date: Oct 28, 2021 | [Approved](#)

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- ▶ ANSI/UL 275-2013 (R2022), Standard for Automotive Glass-Tube Fuses (reaffirmation of ANSI/UL 275-2013 (R2017))  
Public Review Date: Oct 14, 2022 | Final Action Date: Nov 30, 2022 | [Approved](#)

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- ▶ ANSI/UL 2775-2017, Standard for Fixed Condensed Aerosol Extinguishing System Units (revision of ANSI/UL 2775-2016)  
Public Review Date: Jul 28, 2017 | Final Action Date: Aug 30, 2017 | [Approved](#)

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- ▶ ANSI/UL 2775-2017a, Standard for Fixed Condensed Aerosol Extinguishing System Units (revision of ANSI/UL 2775-2017)  
Public Review Date: Apr 28, 2017 | Final Action Date: Oct 19, 2017 | [Approved](#)

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- ▶ ANSI/UL 2775-2017b, Standard for Fixed Condensed Aerosol Extinguishing System Units (revision of ANSI/UL 2775-2017)  
Public Review Date: Aug 25, 2017 | Final Action Date: Oct 19, 2017 | [Approved](#)

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- ▶ ANSI/UL 2775-2019, Standard for Fixed Condensed Aerosol Extinguishing System Units (revision of ANSI/UL 2775-2017a)  
Public Review Date: Nov 16, 2018 | Final Action Date: Jul 31, 2019 | [Approved](#)

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- ▶ ANSI/UL 2775-2020, Standard for Fixed Condensed Aerosol Extinguishing System Units (revision of ANSI/UL 2775-2019)  
Public Review Date: May 1, 2020 | Final Action Date: Oct 22, 2020 | [Approved](#)

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- ▶ ANSI/UL 2775-2021, Standard for Fixed Condensed Aerosol Extinguishing System Units (revision of ANSI/UL 2775-2020)  
Public Review Date: Jun 18, 2021 | Final Action Date: Oct 5, 2021 | [Approved](#)

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- ▶ ANSI/UL 2775-2022, Standard for Fixed Condensed Aerosol Extinguishing System Units (October 15, 2021) (revision of ANSI/UL 2775-2021)  
Public Review Date: Oct 15, 2021 | Final Action Date: Jan 21, 2022 | [Approved](#)

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- ▶ ANSI/UL 2775-2022a, Standard for Fixed Condensed Aerosol Extinguishing System Units (March 25, 2022) (revision of ANSI/UL 2775-2022)  
Public Review Date: Mar 25, 2022 | Final Action Date: Jun 30, 2022 | [Approved](#)

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- ▶ ANSI/UL 2790-2010, Standard for Safety for Commercial Incinerators (new standard)  
PINS Date: Jan 22, 2010 | Public Review Date: May 14, 2010 | Final Action Date: Nov 8, 2010 | [Approved](#)

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- ▶ ANSI/UL 2790-2010 (R2019), Standard For Safety For Commercial Incinerators (reaffirmation of ANSI/UL 2790-2010 (R2014))  
Public Review Date: Apr 12, 2019 | Final Action Date: Jun 12, 2019 | [Approved](#)

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- ▶ ANSI/UL 2808-2020, Standard for Safety for Energy Monitoring Equipment (new standard)  
PINS Date: Jun 3, 2016 | Public Review Date: Mar 6, 2020 | Final Action Date: May 22, 2020 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 283-2016, Standard for Safety for Air Fresheners and Deodorizers (Proposal dated 5-20-16) (revision of ANSI/UL 283-2015)  
Public Review Date: May 20, 2016 | Final Action Date: Dec 16, 2016 | [Approved](#)

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- ▶ ANSI/UL 283-2016a, Standard for Safety for Air Fresheners and Deodorizers (Proposal dated 8-19-16) (revision of ANSI/UL 283-2015)  
Public Review Date: Aug 19, 2016 | Final Action Date: Dec 16, 2016 | [Approved](#)

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- ▶ ANSI/UL 283-2016b, Standard for Safety for Air Fresheners and Deodorizers (proposal dated 10-28-16) (revision of ANSI/UL 283-2015)  
Public Review Date: Oct 28, 2016 | Final Action Date: Dec 16, 2016 | [Approved](#)

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- ▶ ANSI/UL 283-2021, Standard for Safety for Air Fresheners and Deodorizers (revision of ANSI/UL 283-2016)  
Public Review Date: Feb 5, 2021 | Final Action Date: Apr 29, 2021 | [Approved](#)

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- ▶ ANSI/UL 2846-2016 (R2021), Standard for Fire Test of Plastic Water Distribution Plumbing Pipe for Visible Flame and Smoke Characteristics (reaffirmation of ANSI/UL 2846-2016)  
Public Review Date: Nov 20, 2020 | Final Action Date: Jan 14, 2021 | [Approved](#)

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- ▶ ANSI/UL 2849-2020, Standard for Safety for Electrical Systems for eBikes (new standard)  
PINS Date: Dec 23, 2016 | Public Review Date: Nov 22, 2019 | Final Action Date: Jan 2, 2020 | [Approved](#)

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- ▶ ANSI/UL 2849-2022, Standard for Safety for Electrical Systems for eBikes (revision of ANSI/UL 2849-2020)  
Public Review Date: Jan 7, 2022 | Final Action Date: Jun 17, 2022 | [Approved](#)

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- ▶ ANSI/UL 2900-1-2017, Standard for Software Cybersecurity for Network- Connectable Products, Part 1: General Requirements (new standard)  
PINS Date: Jul 17, 2015 | Public Review Date: May 26, 2017 | Final Action Date: Jul 5, 2017 | [Approved](#)

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- ▶ ANSI/UL 2900-1-2020, Standard for Safety for Software Cybersecurity for Network-Connectable Products, Part 1: General Requirements (revision of ANSI/UL 2900-1-2017)  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 5, 2020 | [Approved](#)

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- ▶ ANSI/UL 2900-2-1-2017, Standard for Software Cybersecurity for Network-Connectable Products, Part 2-1: Particular Requirements for Network Connectable Components of Healthcare and Wellness Systems (new standard)  
PINS Date: Jul 17, 2015 | Public Review Date: Jul 28, 2017 | Final Action Date: Sep 1, 2017 | [Approved](#)

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- ▶ ANSI/UL 2900-2-1-2020, Standard for Safety for Software Cybersecurity for Network-Connectable Products, Part 2-1: Particular Requirements for Network Connectable Components of Healthcare and Wellness Systems (revision of ANSI/UL 2900-2-1-2017)  
Public Review Date: Apr 17, 2020 | Final Action Date: Jun 8, 2020 | [Approved](#)

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- ▶ ANSI/UL 2900-2-1-2020a, Standard for Software Cybersecurity for Network-Connectable Products, Part 2-1: Particular Requirements for Network Connectable Components of Healthcare and Wellness Systems (revision of ANSI/UL 2900-2-1-2020)  
Public Review Date: Jun 26, 2020 | Final Action Date: Nov 6, 2020 | [Approved](#)

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- ▶ ANSI/UL 2900-2-3-2020, Standard for Safety for Software Cybersecurity for Network-Connectable Products, Part 2-3: Particular Requirements for Security and Life Safety Signaling Systems (new standard)  
PINS Date: Mar 31, 2017 | Public Review Date: Sep 13, 2019 | Final Action Date: Jan 31, 2020 | [Approved](#)

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- ▶ ANSI/UL 2901-2022, Standard for Antifreeze Solutions for Use in Fire Sprinkler Systems (July 8, 2022) (revision of ANSI/UL 2901-2019)  
Public Review Date: Jul 8, 2022 | Final Action Date: Dec 6, 2022 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 2904-2019, Standard Method for Testing and Assessing Particle and Chemical Emissions from 3D Printers (new standard)  
PINS Date: May 8, 2015 | Public Review Date: Aug 31, 2018 | Final Action Date: Jan 31, 2019 | [Approved](#)
- ▶ ANSI/UL 2904-2019a, Standard Method for Testing and Assessing Particle and Chemical Emissions from 3D Printers (new standard)  
PINS Date: May 8, 2015 | Public Review Date: Dec 7, 2018 | Final Action Date: Jan 31, 2019 | [Approved](#)
- ▶ ANSI/UL 291-2012 (R2021), Standard for Safety for Automated Teller Systems (reaffirmation of ANSI/UL 291-2012 (R2016))  
Public Review Date: Feb 19, 2021 | Final Action Date: May 7, 2021 | [Approved](#)
- ▶ ANSI/UL 294-2018, Standard for Safety for Access Control System Units (revision of ANSI/UL 294-2013)  
Public Review Date: Aug 4, 2017 | Final Action Date: Jan 31, 2018 | [Approved](#)
- ▶ ANSI/UL 294-2018a, Standard for Safety for Access Control System Units (revision of ANSI/UL 294-2013)  
Public Review Date: Nov 3, 2017 | Final Action Date: Jan 31, 2018 | [Approved](#)
- ▶ ANSI/UL 294-2018b, Standard for Access Control System Units (revision of ANSI/UL 294-2018)  
Public Review Date: Aug 3, 2018 | Final Action Date: Oct 8, 2018 | [Approved](#)
- ▶ ANSI/UL 295-2017, Standard for Safety for Commercial-Industrial Gas Burners (revision of ANSI/UL 295-2014)  
Public Review Date: Aug 26, 2016 | Final Action Date: Feb 8, 2017 | [Approved](#)
- ▶ ANSI/UL 295-2017a, Standard for Safety for Commercial-Industrial Gas Burners (revision of ANSI/UL 295-2014)  
Public Review Date: Dec 9, 2016 | Final Action Date: Feb 8, 2017 | [Approved](#)
- ▶ ANSI/UL 295-2019, Standard for Safety for Commercial-Industrial Gas Burners (revision of ANSI/UL 295-2017)  
Public Review Date: Jun 7, 2019 | Final Action Date: Aug 15, 2019 | [Approved](#)
- ▶ ANSI/UL 295-2022, Standard for Safety for Commercial-Industrial Gas Burners (revision of ANSI/UL 295-2019)  
Public Review Date: Jun 17, 2022 | Final Action Date: Jul 20, 2022 | [Approved](#)
- ▶ ANSI/UL 296-2022, Standard for Safety for Oil Burners (revision of ANSI/UL 296-2020)  
Public Review Date: Sep 30, 2022 | Final Action Date: Nov 16, 2022 | [Approved](#)
- ▶ ANSI/UL 296A-2013 (R2018), Standard for Safety for Waste Oil-Burning Air-Heating Appliances (reaffirmation of ANSI/UL 296A-2013)  
Public Review Date: Aug 17, 2018 | Final Action Date: Oct 8, 2018 | [Approved](#)
- ▶ ANSI/UL 299-2021, Standard for Dry Chemical Fire Extinguishers (revision of ANSI/UL 299-2012 (R2018))  
Public Review Date: Nov 20, 2020 | Final Action Date: Mar 24, 2021 | [Approved](#)
- ▶ ANSI/UL 2999-2020, Standard for Safety for Individual Commercial Office Furnishings (new standard)  
PINS Date: Sep 30, 2016 | Public Review Date: Feb 7, 2020 | Final Action Date: May 22, 2020 | [Approved](#)
- ▶ ANSI/UL 30-2022, Standard for Safety for Metallic and Nonmetallic Safety Cans for Flammable and Combustible Liquids (revision of ANSI/UL 30-2004 (R2019))  
Public Review Date: Feb 25, 2022 | Final Action Date: Apr 29, 2022 | [Approved](#)
- ▶ ANSI/UL 300-2019, Standard for Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment (revision of ANSI/UL 300-2014b)  
Public Review Date: Nov 2, 2018 | Final Action Date: Jun 10, 2019 | [Approved](#)
- ▶ ANSI/UL 300-2022, Standard for Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment (April 8, 2022) (revision of ANSI/UL 300-2019)  
Public Review Date: Apr 8, 2022 | Final Action Date: Jul 6, 2022 | [Approved](#)

**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 3030-2018, Standard for Safety for Unmanned Aircraft Systems (new standard)  
PINS Date: Mar 11, 2016 | Public Review Date: Oct 6, 2017 | Final Action Date: Sep 18, 2018 | [Approved](#)

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- ▶ ANSI/UL 3030-2018a, Standard for Safety for Unmanned Aircraft Systems (new standard)  
PINS Date: Mar 11, 2016 | Public Review Date: May 18, 2018 | Final Action Date: Sep 18, 2018 | [Approved](#)

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- ▶ ANSI/UL 305-2012 (R2022), Standard for Panic Hardware (reaffirmation of ANSI/UL 305-2012 (R2017))  
Public Review Date: Jan 7, 2022 | Final Action Date: Mar 16, 2022 | [Approved](#)

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- ▶ ANSI/UL 307A-1997 (R2018), Standard for Safety for Liquid Fuel-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles (reaffirmation of ANSI/UL 307A-1997 (R2013))  
Public Review Date: Aug 10, 2018 | Final Action Date: Oct 8, 2018 | [Approved](#)

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- ▶ ANSI/UL 310-2014 (R2019), Standard for Safety for Electrical Quick-Connect Terminals (reaffirmation of ANSI/UL 310-2014)  
Public Review Date: Mar 8, 2019 | Final Action Date: May 10, 2019 | [Approved](#)

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- ▶ ANSI/UL 3100-2021, Standard for Safety for Automated Mobile Platforms (AMPs) (new standard)  
Public Review Date: Feb 12, 2021 | Final Action Date: Apr 5, 2021 | [Approved](#)

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- ▶ ANSI/UL 312-2018, Standard for Safety for Check Valves for Fire-Protection Service (revision of ANSI/UL 312-2010 (R2015))  
Public Review Date: Feb 2, 2018 | Final Action Date: Mar 15, 2018 | [Approved](#)

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- ▶ ANSI/UL 312-2022, Standard for Check Valves for Fire-Protection Service (February 4, 2022) (revision of ANSI/UL 312-2018)  
Public Review Date: Feb 4, 2022 | Final Action Date: Jun 2, 2022 | [Approved](#)

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- ▶ ANSI/UL 32-2014 (R2019), Standard for Safety for Metal Waste Cans (reaffirmation of ANSI/UL 32-2014)  
Public Review Date: Apr 19, 2019 | Final Action Date: Jun 28, 2019 | [Approved](#)

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- ▶ ANSI/UL 325-2016, Standard for Safety for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2015)  
Public Review Date: Aug 28, 2015 | Final Action Date: Feb 24, 2016 | [Approved](#)

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- ▶ ANSI/UL 325-2016a, Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2016)  
Public Review Date: Apr 29, 2016 | Final Action Date: Dec 7, 2016 | [Approved](#)

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- ▶ ANSI/UL 325-2016b, Standard for Safety for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2016)  
Public Review Date: Sep 16, 2016 | Final Action Date: Dec 7, 2016 | [Approved](#)

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- ▶ ANSI/UL 325-2017, Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2016)  
Public Review Date: Nov 11, 2016 | Final Action Date: Mar 7, 2017 | [Approved](#)

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- ▶ ANSI/UL 325-2017a, Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2016)  
Public Review Date: Feb 3, 2017 | Final Action Date: Mar 7, 2017 | [Approved](#)

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- ▶ ANSI/UL 325-2017b, Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2016)  
Public Review Date: Mar 10, 2017 | Final Action Date: May 19, 2017 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 325-2019, Standard for Safety for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2017)  
Public Review Date: Jul 6, 2018 | Final Action Date: Jul 12, 2019 | [Approved](#)

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- ▶ ANSI/UL 325-2019a, Standard for Safety for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2017)  
Public Review Date: Apr 19, 2019 | Final Action Date: Jul 12, 2019 | [Approved](#)

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- ▶ ANSI/UL 325-2020, Standard for Safety for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2019)  
Public Review Date: Oct 18, 2019 | Final Action Date: Feb 28, 2020 | [Approved](#)

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- ▶ ANSI/UL 33-2021, Standard for Heat Responsive Links for Fire-Protection Service (revision of ANSI/UL 33-2010 (R2020))  
Public Review Date: Feb 5, 2021 | Final Action Date: Jun 21, 2021 | [Approved](#)

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- ▶ ANSI/UL 33-2022, Standard for Heat Responsive Links for Fire-Protection Service (August 5, 2022) (revision of ANSI/UL 33-2021)  
Public Review Date: Aug 5, 2022 | Final Action Date: Oct 31, 2022 | [Approved](#)

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- ▶ ANSI/UL 330-2017, Standard for Safety for Hose and Hose Assemblies for Dispensing Flammable Liquids (revision of ANSI/UL 330-2013a)  
Public Review Date: May 19, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/UL 330-2018, Standard for Safety for Hose and Hose Assemblies for Dispensing Flammable Liquids (revision of ANSI/UL 330-2017)  
Public Review Date: Jun 8, 2018 | Final Action Date: Jul 12, 2018 | [Approved](#)

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- ▶ ANSI/UL 330-2019, Standard for Safety for Hose and Hose Assemblies for Dispensing Flammable Liquids (revision of ANSI/UL 330-2018)  
Public Review Date: Dec 7, 2018 | Final Action Date: Feb 22, 2019 | [Approved](#)

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- ▶ ANSI/UL 330-2021, Standard for Safety for Hose and Hose Assemblies for Dispensing Flammable Liquids (revision of ANSI/UL 330-2019)  
Public Review Date: Oct 2, 2020 | Final Action Date: Feb 11, 2021 | [Approved](#)

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- ▶ ANSI/UL 330A-2019, Standard for Safety for Hose and Hose Assemblies for Use with Dispensing Devices Dispensing Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations Up To 85 Percent (E0 – E85) (new standard)  
PINS Date: Jan 31, 2014 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 5, 2019 | [Approved](#)

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- ▶ ANSI/UL 330A-2020, Standard for Safety for Hose and Hose Assemblies for Use With Dispensing Devices Dispensing Gasoline and Gasoline/Ethanol Blends With Nominal Ethanol Concentrations Up To 85 Percent (E0 - E85) (revision of ANSI/UL 330A-2019)  
Public Review Date: Feb 7, 2020 | Final Action Date: Mar 31, 2020 | [Approved](#)

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- ▶ ANSI/UL 330B-2015, Standard for Safety for Hose and Hose Assemblies for Use With Dispensing Devices Dispensing Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends With Nominal Biodiesel Concentrations Up To 20 Percent (B20), Kerosene, and Fuel Oil (new standard)  
PINS Date: Jan 31, 2014 | Public Review Date: Jul 10, 2015 | Final Action Date: Dec 17, 2015 | [Approved](#)

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- ▶ ANSI/UL 330B-2018, Standard for Safety for Hose and Hose Assemblies for Use With Dispensing Devices Dispensing Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends With Nominal Biodiesel Concentrations Up To 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 330B-2015)  
Public Review Date: Jun 22, 2018 | Final Action Date: Aug 9, 2018 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 330B-2020, Standard For Safety For Hose and Hose Assemblies for Use With Dispensing Devices Dispensing Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends With Nominal Biodiesel Concentrations Up To 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 330B-2015)  
Public Review Date: Jan 31, 2020 | Final Action Date: Mar 31, 2020 | [Approved](#)
- ▶ ANSI/UL 331-2020, Standard for Safety for Strainers for Flammable Fluids and Anhydrous Ammonia (revision of ANSI/UL 331-2013 (R2017))  
Public Review Date: Jul 31, 2020 | Final Action Date: Oct 1, 2020 | [Approved](#)
- ▶ ANSI/UL 331A-2020, Standard for Safety for Strainers for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations Up to 85 Percent (E0 - E85) (revision of ANSI/UL 331A-2015)  
Public Review Date: Jul 31, 2020 | Final Action Date: Oct 1, 2020 | [Approved](#)
- ▶ ANSI/UL 331B-2020, Standard For Safety For Strainers for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 331B-2015)  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 3, 2020 | [Approved](#)
- ▶ ANSI/UL 331B-2020, Standard for Safety for Strainers for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent(B20), Kerosene, and Fuel Oil (revision of ANSI/UL 331B-2020)  
Public Review Date: Jul 31, 2020 | Final Action Date: Oct 1, 2020 | [Approved](#)
- ▶ ANSI/UL 340-2017, Standard for Safety for Comparative Flammability of Liquids (revision of ANSI/UL 340-2009 (R2014))  
Public Review Date: Jun 9, 2017 | Final Action Date: Jul 24, 2017 | [Approved](#)
- ▶ ANSI/UL 343-2021, Standard for Safety for Pumps for Oil-Burning Appliances (revision of ANSI/UL 343-2013 (R2017))  
Public Review Date: Aug 27, 2021 | Final Action Date: Dec 6, 2021 | [Approved](#)
- ▶ ANSI/UL 343-2022, Standard for Safety for Oil-Burning Appliances (revision of ANSI/UL 343-2021)  
Public Review Date: Aug 12, 2022 | Final Action Date: Sep 21, 2022 | [Approved](#)
- ▶ ANSI/UL 346-2005 (R2019), Standard for Safety for Waterflow Indicators for Fire Protective Signaling Systems (reaffirmation of ANSI/UL 346-2005 (R2014))  
Public Review Date: Jul 19, 2019 | Final Action Date: Sep 20, 2019 | [Approved](#)
- ▶ ANSI/UL 347-2020, Standard for Safety for Medium-Voltage AC Contactors, Controllers, and Control Centers (revision of ANSI/UL 347-2016)  
Public Review Date: May 29, 2020 | Final Action Date: Nov 23, 2020 | [Approved](#)
- ▶ ANSI/UL 347-2022, Standard for Safety for Medium-Voltage AC Contactors, Controllers, and Control Centers (revision of ANSI/UL 347-2020)  
Public Review Date: Jul 15, 2022 | Final Action Date: Sep 30, 2022 | [Approved](#)
- ▶ ANSI/UL 347A-2017, Standard for Safety for Medium Voltage Power Conversion Equipment (revision of ANSI/UL 347A-2015)  
Public Review Date: Jan 20, 2017 | Final Action Date: Jun 27, 2017 | [Approved](#)
- ▶ ANSI/UL 347A-2017a, Standard for Safety for Medium Voltage Power Conversion Equipment (revision of ANSI/UL 347A-2015)  
Public Review Date: Apr 28, 2017 | Final Action Date: Jun 27, 2017 | [Approved](#)
- ▶ ANSI/UL 347A-2019, Standard for Safety for Medium Voltage Output Equipment (revision of ANSI/UL 347A-2017)  
Public Review Date: Jul 13, 2018 | Final Action Date: Feb 19, 2019 | [Approved](#)
- ▶ ANSI/UL 347A-2019a, Standard for Safety for Medium Voltage Power Conversion Equipment (revision of ANSI/UL 347A-2017)  
Public Review Date: Oct 26, 2018 | Final Action Date: Feb 19, 2019 | [Approved](#)

**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 347A-2019b, Standard for Safety for Medium Voltage Power Conversion Equipment (revision of ANSI/UL 347A-2019)  
Public Review Date: Jul 12, 2019 | Final Action Date: Aug 14, 2019 | [Approved](#)
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- ▶ ANSI/UL 347A-2020, Standard for Safety for Medium Voltage Power Conversion Equipment (revision of ANSI/UL 347A-2019)  
Public Review Date: Jun 5, 2020 | Final Action Date: Nov 11, 2020 | [Approved](#)
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- ▶ ANSI/UL 347A-2022, Standard for Safety for Medium Voltage Power Conversion Equipment (revision of ANSI/UL 347A-2020)  
Public Review Date: Mar 4, 2022 | Final Action Date: Apr 5, 2022 | [Approved](#)
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- ▶ ANSI/UL 355-2021, Standard for Safety for Cord Reels (revision of ANSI/UL 355-2011 (R2020))  
Public Review Date: Apr 23, 2021 | Final Action Date: Jun 10, 2021 | [Approved](#)
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- ▶ ANSI/UL 355-2022, Standard for Safety for Cord Reels (revision of ANSI/UL 355-2021)  
Public Review Date: Aug 19, 2022 | Final Action Date: Sep 21, 2022 | [Approved](#)
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- ▶ ANSI/UL 360-2018, Standard for Safety for Liquid-Tight Flexible Metal Conduit (revision of ANSI/UL 360-2015)  
Public Review Date: Mar 16, 2018 | Final Action Date: May 18, 2018 | [Approved](#)
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- ▶ ANSI/UL 360-2018a, Standard for Safety for Liquid-Tight Flexible Metal Conduit (revision of ANSI/UL 360-2018)  
Public Review Date: Sep 21, 2018 | Final Action Date: Nov 27, 2018 | [Approved](#)
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- ▶ ANSI/UL 360-2019, Standard for Safety for Liquid-Tight Flexible Metal Conduit (revision of ANSI/UL 360-2018)  
Public Review Date: Apr 5, 2019 | Final Action Date: Jun 11, 2019 | [Approved](#)
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- ▶ ANSI/UL 360-2020, Standard for Safety for Liquid-Tight Flexible Metal Conduit (revision of ANSI/UL 360-2019)  
Public Review Date: Jun 26, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)
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- ▶ ANSI/UL 360-2021, Standard for Safety for Liquid-Tight Flexible Metal Conduit (revision of ANSI/UL 360-2020)  
Public Review Date: Jan 29, 2021 | Final Action Date: Aug 2, 2021 | [Approved](#)
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- ▶ ANSI/UL 3600-2023, Standard for Measuring and Reporting Circular Economy Aspects of Products, Sites and Organizations (new standard)  
PINS Date: Mar 30, 2018 | Public Review Date: Oct 7, 2022 | Final Action Date: Jan 6, 2023 | [Approved](#)
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- ▶ ANSI/UL 363-2011 (R2020), Standard for Safety for Knife Switches (reaffirmation of ANSI/UL 363-2011 (R2015))  
Public Review Date: Jan 10, 2020 | Final Action Date: May 20, 2020 | [Approved](#)
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- ▶ ANSI/UL 365-2015b, Standard for Safety for Police Station Connected Burglar Alarm Units and Systems (revision of ANSI/UL 365-2010)  
Public Review Date: Mar 22, 2013 | Final Action Date: Mar 20, 2015 | [Approved](#)
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- ▶ ANSI/UL 365-2018, Standard for Police Station Connected Burglar Alarm Units and Systems (revision of ANSI/UL 365-2015a)  
Public Review Date: Oct 23, 2015 | Final Action Date: Jan 31, 2018 | [Approved](#)
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- ▶ ANSI/UL 3703-2015, Standard for Safety for Solar Trackers (new standard)  
PINS Date: Jul 1, 2011 | Public Review Date: Jun 26, 2015 | Final Action Date: Oct 8, 2015 | [Approved](#)
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- ▶ ANSI/UL 3703-2015a (R2020), Standard for Safety for Solar Trackers (reaffirmation of ANSI/UL 3703-2015a)  
Public Review Date: Jan 24, 2020 | Final Action Date: Mar 10, 2020 | [Approved](#)
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- ▶ ANSI/UL 3730-2014a, Standard for Photovoltaic Junction Boxes (new standard)  
PINS Date: Aug 5, 2011 | Public Review Date: Sep 12, 2014 | Final Action Date: Nov 11, 2014 | [Approved](#)
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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 3730-2017 (R2021), Standard for Safety for Photovoltaic Junction Boxes (reaffirmation of ANSI/UL 3730-2017)  
Public Review Date: Apr 2, 2021 | Final Action Date: Jun 4, 2021 | [Approved](#)

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- ▶ ANSI/UL 3741-2020, Standard for Safety for Standard for Safety for Photovoltaic Hazard Control (new standard)  
Public Review Date: Sep 18, 2020 | Final Action Date: Dec 8, 2020 | [Approved](#)

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- ▶ ANSI/UL 379-2013 (R2022), Standards for Power Units for Fountain, Swimming Pool, and Spa Luminaires (reaffirmation of ANSI/UL 379-2013 (R2017))  
Public Review Date: Sep 16, 2022 | Final Action Date: Nov 4, 2022 | [Approved](#)

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- ▶ ANSI/UL 38-2005 (R2018), Standard for Safety for Manual Signaling Boxes for Fire Alarm Systems (reaffirmation of ANSI/UL 38-2005 (R2013))  
Public Review Date: Jul 13, 2018 | Final Action Date: Sep 4, 2018 | [Approved](#)

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- ▶ ANSI/UL 385-2020, Standard for Play Pipes for Water Supply Testing in Fire Protection Service (revision of ANSI/UL 385-2006 (R2015))  
Public Review Date: Mar 6, 2020 | Final Action Date: Jun 5, 2020 | [Approved](#)

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- ▶ ANSI/UL 391-2006 (R2019), Standard for Safety for Solid-Fuel and Combination-Fuel Central and Supplementary Furnaces (reaffirmation of ANSI/UL 391-2006 (R2014))  
Public Review Date: Jun 28, 2019 | Final Action Date: Aug 19, 2019 | [Approved](#)

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- ▶ ANSI/UL 399-2017, Standard for Safety for Drinking Water Coolers (Proposal dated 11-4-16) (revision of ANSI/UL 399-2013)  
Public Review Date: Nov 4, 2016 | Final Action Date: Mar 30, 2017 | [Approved](#)

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- ▶ ANSI/UL 399-2018, Standard for Safety for Drinking-Water Coolers (revision of ANSI/UL 399-2013a)  
Public Review Date: Mar 30, 2018 | Final Action Date: Aug 29, 2018 | [Approved](#)

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- ▶ ANSI/UL 399-2020, Standard for Safety for Drinking-Water Coolers (revision of ANSI/UL 399-2017)  
Public Review Date: May 29, 2020 | Final Action Date: Jul 21, 2020 | [Approved](#)

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- ▶ ANSI/UL 4-2018, Standard for Safety for Armored Cable (revision of ANSI/UL 4-2008 (R2013))  
Public Review Date: Jan 5, 2018 | Final Action Date: Feb 23, 2018 | [Approved](#)

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- ▶ ANSI/UL 4-2021, Standard for Safety for Armored Cable (revision of ANSI/UL 4-2018)  
Public Review Date: Oct 2, 2020 | Final Action Date: Mar 17, 2021 | [Approved](#)

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- ▶ ANSI/UL 401-2017, Standard for Safety for Portable Spray Hose Nozzles for Fire-Protection Service (revision of ANSI/UL 401-2014)  
Public Review Date: May 5, 2017 | Final Action Date: Jun 29, 2017 | [Approved](#)

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- ▶ ANSI/UL 401-2022, Standard for Portable Spray Hose Nozzles for Fire-Protection Service (revision of ANSI/UL 401-2017)  
Public Review Date: Nov 5, 2021 | Final Action Date: Jan 6, 2022 | [Approved](#)

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- ▶ ANSI/UL 404-2022, Standard for Safety for Pressure-Indicating Gauges for Compressed Gas Service (revision of ANSI/UL 404-2015)  
Public Review Date: Apr 29, 2022 | Final Action Date: Oct 21, 2022 | [Approved](#)

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- ▶ ANSI/UL 405-2018, Standard for Safety for Fire Department Connection Devices (revision of ANSI/UL 405-2014)  
Public Review Date: Oct 26, 2018 | Final Action Date: Dec 17, 2018 | [Approved](#)

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- ▶ ANSI/UL 405-2020, Standard for Safety for Fire Department Connection Devices (revision of ANSI/UL 405-2018)  
Public Review Date: May 22, 2020 | Final Action Date: Jul 29, 2020 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 407-2022, Standard for Safety for Manifolds for Compressed Gases (revision of ANSI/UL 407-2004 (R2017))  
Public Review Date: Jul 1, 2022 | Final Action Date: Dec 14, 2022 | [Approved](#)

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- ▶ ANSI/UL 412-2017, Standard for Refrigeration Unit Coolers (revision of ANSI/UL 412-2012)  
Public Review Date: Oct 28, 2016 | Final Action Date: Jan 9, 2017 | [Approved](#)

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- ▶ ANSI/UL 412-2018, Standard for Refrigeration Unit Coolers (revision of ANSI/UL 412-2017)  
Public Review Date: Jun 22, 2018 | Final Action Date: Aug 28, 2018 | [Approved](#)

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- ▶ ANSI/UL 414-2018, Standard for Safety for Meter Sockets (revision of ANSI/UL 414-2016)  
Public Review Date: Oct 13, 2017 | Final Action Date: Jun 29, 2018 | [Approved](#)

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- ▶ ANSI/UL 414-2018a, Standard for Safety for Meter Sockets (revision of ANSI/UL 414-2016)  
Public Review Date: May 18, 2018 | Final Action Date: Jun 29, 2018 | [Approved](#)

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- ▶ ANSI/UL 414-2020, Standard for Safety for Meter Sockets (revision of ANSI/UL 414-2018)  
Public Review Date: Feb 14, 2020 | Final Action Date: Apr 22, 2020 | [Approved](#)

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- ▶ ANSI/UL 414-2020a, Standard for Safety for Meter Sockets (revision of ANSI/UL 414-2020)  
Public Review Date: Aug 21, 2020 | Final Action Date: Sep 23, 2020 | [Approved](#)

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- ▶ ANSI/UL 414-2020b, Standard for Safety for Meter Sockets (revision of ANSI/UL 414-2020)  
Public Review Date: Oct 9, 2020 | Final Action Date: Nov 12, 2020 | [Approved](#)

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- ▶ ANSI/UL 414-2022, Standard for Safety for Meter Sockets (revision of ANSI/UL 414-2020)  
Public Review Date: Mar 4, 2022 | Final Action Date: Jun 22, 2022 | [Approved](#)

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- ▶ ANSI/UL 4143-2018, Standard for Safety for Wind Turbine Generator- Life Time Extension (LTE) (new standard)  
PINS Date: May 6, 2016 | Public Review Date: Dec 15, 2017 | Final Action Date: Feb 9, 2018 | [Approved](#)

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- ▶ ANSI/UL 4200A-2020, Standard for Safety for Products Incorporating Button or Coin Cell Batteries of Lithium Technologies (revision of ANSI/UL 4200A-2015)  
Public Review Date: Feb 14, 2020 | Final Action Date: Apr 9, 2020 | [Approved](#)

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- ▶ ANSI/UL 4200A-2021, Standard for Safety for Products Incorporating Button or Coin Cell Batteries of Lithium Technologies (revision of ANSI/UL 4200A-2020)  
Public Review Date: May 7, 2021 | Final Action Date: Jun 14, 2021 | [Approved](#)

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- ▶ ANSI/UL 4248-1-2017, Standard for Safety for Fuseholders - Part 1: General Requirements (revision of ANSI/UL 4248-1-2013)  
Public Review Date: Apr 7, 2017 | Final Action Date: Oct 13, 2017 | [Approved](#)

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- ▶ ANSI/UL 4248-1-2022, Standard for Safety for Fuseholders - Part 1: General Requirements (revision of ANSI/UL 4248-1-2017)  
Public Review Date: Nov 26, 2021 | Final Action Date: Mar 31, 2022 | [Approved](#)

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- ▶ ANSI/UL 4248-11-2007 (R2018), Fuseholders - Part 11: Type C (Edison Base) and Type S Plug Fuse (reaffirmation of ANSI/UL 4248-11-2007 (R2012))  
Public Review Date: Feb 16, 2018 | Final Action Date: Apr 4, 2018 | [Approved](#)

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- ▶ ANSI/UL 4248-12-2018, Standard for Safety for Fuseholders - Part 12: Class R (revision of ANSI/UL 4248-12-2007 (R2012))  
Public Review Date: Aug 4, 2017 | Final Action Date: Jan 19, 2018 | [Approved](#)

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- ▶ ANSI/UL 4248-15-2007 (R2018), Standard for Safety for Fuseholders - Part 15: Class T (reaffirmation of ANSI/UL 4248-15-2007 (R2012))  
Public Review Date: Feb 16, 2018 | Final Action Date: Apr 4, 2018 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 4248-19-2021, Standard for Safety for Fuseholders - Part 19: Photovoltaic Fuseholders (revision of ANSI/UL 4248-19-2015)  
Public Review Date: Jun 5, 2020 | Final Action Date: Mar 31, 2021 | [Approved](#)

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- ▶ ANSI/UL 4248-4-2007 (R2018), Standard for Safety for Fuseholders - Part 4: Class CC (reaffirmation of ANSI/UL 4248-4-2007 (R2012))  
Public Review Date: Feb 16, 2018 | Final Action Date: Apr 4, 2018 | [Approved](#)

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- ▶ ANSI/UL 4248-5-2022, Standard for Safety for Fuseholders - Part 5: Class G (revision of ANSI/UL 4248-5-2007 (R2018))  
Public Review Date: Nov 26, 2021 | Final Action Date: Mar 31, 2022 | [Approved](#)

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- ▶ ANSI/UL 4248-6-2007 (R2018), Standard for Safety for Fuseholders - Part 6: Class H (reaffirmation of ANSI/UL 4248-6-2007 (R2012))  
Public Review Date: Feb 16, 2018 | Final Action Date: Apr 4, 2018 | [Approved](#)

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- ▶ ANSI/UL 4248-8-2018, Standard for Safety for Fuseholders - Part 8: Class J (revision of ANSI/UL 4248-8-2013)  
Public Review Date: Aug 25, 2017 | Final Action Date: Apr 30, 2018 | [Approved](#)

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- ▶ ANSI/UL 4248-9-2007 (R2018), Fuseholders - Part 9: Class K (reaffirmation of ANSI/UL 4248-9-2007 (R2012))  
Public Review Date: Feb 16, 2018 | Final Action Date: Apr 4, 2018 | [Approved](#)

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- ▶ ANSI/UL 428A-2015a, Standard for Electrically Operated Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations Up to 85 Percent (E0 - E85) (new standard)  
PINS Date: Mar 7, 2014 | Public Review Date: Mar 6, 2015 | Final Action Date: Jun 4, 2015 | [Approved](#)

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- ▶ ANSI/UL 428A-2019, Standard for Electrically Operated Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations Up to 85 Percent (E0 - E85) (revision of ANSI/UL 428A-2015)  
Public Review Date: Feb 22, 2019 | Final Action Date: Apr 29, 2019 | [Approved](#)

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- ▶ ANSI/UL 428A-2021, Standard for Electrically Operated Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations Up to 85 Percent (E0 - E85) (revision of ANSI/UL 428A-2019)  
Public Review Date: Nov 6, 2020 | Final Action Date: Jan 22, 2021 | [Approved](#)

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- ▶ ANSI/UL 428A-2022, Standard for Electrically Operated Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations Up to 85 Percent (E0 – E85) (revision of ANSI/UL 428A-2021)  
Public Review Date: Mar 18, 2022 | Final Action Date: Jun 6, 2022 | [Approved](#)

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- ▶ ANSI/UL 428B-2020, Electrically Operated Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations Up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 428B-2015 (R2019))  
Public Review Date: Feb 7, 2020 | Final Action Date: Apr 28, 2020 | [Approved](#)

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- ▶ ANSI/UL 428B-2021, Standard for Electrically Operated Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations Up To 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 428B-2020)  
Public Review Date: Nov 6, 2020 | Final Action Date: Jan 22, 2021 | [Approved](#)

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- ▶ ANSI/UL 428B-2022, Standard for Electrically Operated Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations Up To 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 428B-2021)  
Public Review Date: Jul 8, 2022 | Final Action Date: Aug 22, 2022 | [Approved](#)

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- ▶ ANSI/UL 430-2018, Standard For Safety For Waste Disposers (proposal dated (08-18-2017) (revision of ANSI/UL 430-2015)  
Public Review Date: Aug 18, 2017 | Final Action Date: Feb 23, 2018 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 430-2021, Standard for Safety for Waste Disposers (revision of ANSI/UL 430-2018)  
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- ▶ ANSI/UL 437-2013 (R2017), Standard for Safety for Key Locks (reaffirmation of ANSI/UL 437-2013)  
Public Review Date: Jun 9, 2017 | Final Action Date: Oct 24, 2017 | [Approved](#)

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- ▶ ANSI/UL 44-2018, Standard for Safety for Thermoset-Insulated Wires and Cables (proposal dated 7-1-16) (revision of ANSI/UL 44-2014)  
Public Review Date: Jul 1, 2016 | Final Action Date: Jan 9, 2018 | [Approved](#)

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- ▶ ANSI/UL 44-2018a, Standard for Safety for Thermoset-Insulated Wires and Cables (Proposals dated 2/3/17) (revision of ANSI/UL 44-2014)  
Public Review Date: Feb 3, 2017 | Final Action Date: Jan 9, 2018 | [Approved](#)

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- ▶ ANSI/UL 44-2018b, Standard for Safety for Thermoset-Insulated Wires and Cables (Proposals dated 8/25/17) (revision of ANSI/UL 44-2014)  
Public Review Date: Aug 25, 2017 | Final Action Date: Jan 9, 2018 | [Approved](#)

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- ▶ ANSI/UL 44-2021, Standard for Safety for Thermoset-Insulated Wires and Cables (revision of ANSI/UL 44-2014)  
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- ▶ ANSI/UL 4402-2022, Standard for Safety for Indoor Air Quality in Buildings and Facilities Utilized for the Cultivation, Production and Processing of Cannabis (new standard)  
Public Review Date: May 13, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)

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- ▶ ANSI/UL 441-2006 (R2019), Standard for Gas Vents (reaffirmation of ANSI/UL 441-2006 (R2014))  
Public Review Date: Jun 28, 2019 | Final Action Date: Aug 19, 2019 | [Approved](#)

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- ▶ ANSI/UL 443-2008 (R2018), Standard for Safety for Steel Auxiliary Tanks for Oil-Burner Fuel (reaffirmation of ANSI/UL 443-2008 (R2013))  
Public Review Date: Feb 16, 2018 | Final Action Date: May 30, 2018 | [Approved](#)

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- ▶ ANSI/UL 444-2017, Standard for Safety for Communications Cables (Proposals Dated 6/3/16) (revision of ANSI/UL 444-2015)  
Public Review Date: Jun 3, 2016 | Final Action Date: Jan 20, 2017 | [Approved](#)

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- ▶ ANSI/UL 444-2018, Standard for Safety for Communication Cables (revision of ANSI/UL 444-2017)  
Public Review Date: Oct 20, 2017 | Final Action Date: Sep 24, 2018 | [Approved](#)

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- ▶ ANSI/UL 444-2021, Standard for Safety for Communications Cables (revision of ANSI/UL 444-2018)  
Public Review Date: Mar 19, 2021 | Final Action Date: Jun 16, 2021 | [Approved](#)

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- ▶ ANSI/UL 448-2022, Standard for Centrifugal Stationary Pumps for Fire-Protection Service (August 26, 2022) (revision of ANSI/UL 448-2020)  
Public Review Date: Aug 26, 2022 | Final Action Date: Dec 7, 2022 | [Approved](#)

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- ▶ ANSI/UL 448A-2022, Standard for Flexible Couplings and Connecting Shafts for Stationary Fire Pumps (revision of ANSI/UL 448A-2013 (R2017))  
Public Review Date: Aug 5, 2022 | Final Action Date: Nov 29, 2022 | [Approved](#)

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- ▶ ANSI/UL 448B-2023, Standard for Residential Fire Pumps Intended for One- and Two-Family Dwellings and Manufactured Homes (revision of ANSI/UL 448B-2013 (R2017))  
Public Review Date: Oct 21, 2022 | Final Action Date: Jan 4, 2023 | [Approved](#)

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- ▶ ANSI/UL 448C-2014 (R2018), Standard for Safety for Stationary, Rotary-Type, Positive-Displacement Pumps for Fire-Protection Service (reaffirmation of ANSI/UL 448C-2014)  
Public Review Date: Sep 21, 2018 | Final Action Date: Nov 28, 2018 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 448C-2023, Standard for Stationary, Rotary-Type, Positive-Displacement Pumps for Fire-Protection Service (revision of ANSI/UL 448C-2014 (R2018))

Public Review Date: Oct 21, 2022 | Final Action Date: Jan 4, 2023 | [Approved](#)

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- ▶ ANSI/UL 452-2021, Standard for Antenna – Discharge Units (reaffirmation and redesignation of ANSI/UL 452-2015)

Public Review Date: Apr 9, 2021 | Final Action Date: Aug 6, 2021 | [Approved](#)

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- ▶ ANSI/UL 458-2020, Standard for Safety for Power Converters/Inverters and Power Converter/Inverter Systems for Land Vehicles and Marine Crafts (revision of ANSI/UL 458-2015)

Public Review Date: Oct 2, 2020 | Final Action Date: Dec 8, 2020 | [Approved](#)

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- ▶ ANSI/UL 4600-2020, Standard for Safety for the Evaluation of Autonomous Products (new standard)

PINS Date: Jul 6, 2018 | Public Review Date: Feb 14, 2020 | Final Action Date: Apr 1, 2020 | [Approved](#)

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- ▶ ANSI/UL 4600-2022, Standard for Safety for the Evaluation of Autonomous Products (revision of ANSI/UL 4600-2020)

Public Review Date: Jan 28, 2022 | Final Action Date: Mar 15, 2022 | [Approved](#)

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- ▶ ANSI/UL 464-2016, Standard for Safety for Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories (revision of ANSI/UL 464-2012)

Public Review Date: Nov 21, 2014 | Final Action Date: Jan 28, 2016 | [Approved](#)

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- ▶ ANSI/UL 464-2016a, Standard for Safety for Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories (revision of ANSI/UL 464-2012a)

Public Review Date: May 29, 2015 | Final Action Date: Jan 28, 2016 | [Approved](#)

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- ▶ ANSI/UL 464-2017, Standard for Safety for Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories (revision of ANSI/UL 464-2016)

Public Review Date: Nov 18, 2016 | Final Action Date: Sep 5, 2017 | [Approved](#)

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- ▶ ANSI/UL 464A-2016 (R2021), Standard for Safety for Audible Signal Appliances for General Signaling Use (reaffirmation of ANSI/UL 464A-2016)

Public Review Date: Jan 8, 2021 | Final Action Date: Mar 24, 2021 | [Approved](#)

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- ▶ ANSI/UL 467-2022, Standard for Safety for Grounding and Bonding Equipment (revision of ANSI/UL 467-2013 (R2017))

Public Review Date: Jan 14, 2022 | Final Action Date: Apr 29, 2022 | [Approved](#)

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- ▶ ANSI/UL 47-2004 (R2017), Standard for Safety for Semiautomatic Fire Hose Storage Devices (reaffirmation of ANSI/UL 47-2004 (R2012))

Public Review Date: Mar 31, 2017 | Final Action Date: May 25, 2017 | [Approved](#)

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- ▶ ANSI/UL 4703-2014 (R2020), Standard for Safety for Photovoltaic Wire (reaffirmation of ANSI/UL 4703-2014)

Public Review Date: May 15, 2020 | Final Action Date: Jul 21, 2020 | [Approved](#)

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- ▶ ANSI/UL 4703-2014a, Standard for Safety for Photovoltaic Wire (Proposal Dated 5-9-14) (new standard)

PINS Date: Nov 25, 2011 | Public Review Date: May 9, 2014 | Final Action Date: Sep 30, 2014 | [Approved](#)

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- ▶ ANSI/UL 471-2016, Standard for Commercial Refrigerators and Freezers (revision of ANSI/UL 471-2014)

Public Review Date: Oct 30, 2015 | Final Action Date: Jun 16, 2016 | [Approved](#)

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- ▶ ANSI/UL 471-2016a, Standard for Safety for Commercial Refrigerators and Freezers (revision of ANSI/UL 471-2016)

Public Review Date: Sep 30, 2016 | Final Action Date: Dec 8, 2016 | [Approved](#)

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- ▶ ANSI/UL 471-2018, Standard for Safety for Commercial Refrigerators and Freezers (revision of ANSI/UL 471-2016)

Public Review Date: Jun 8, 2018 | Final Action Date: Nov 8, 2018 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 471-2018a, Commercial Refrigerators and Freezers (revision of ANSI/UL 471-2016)  
Public Review Date: Sep 21, 2018 | Final Action Date: Nov 8, 2018 | [Approved](#)

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- ▶ ANSI/UL 471-2019, Standard For Safety For Commercial Refrigerators and Freezers (revision of ANSI/UL 471-2018)  
Public Review Date: Feb 15, 2019 | Final Action Date: Jun 25, 2019 | [Approved](#)

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- ▶ ANSI/UL 471-2019a, Commercial Refrigerators and Freezers (revision of ANSI/UL 471-2018)  
Public Review Date: Jun 21, 2019 | Final Action Date: Sep 12, 2019 | [Approved](#)

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- ▶ ANSI/UL 4730-2017 (R2021), Standard for Nameplate, Datasheet, and Sampling Requirements of Photovoltaic Modules (reaffirmation of ANSI/UL 4730-2017)  
Public Review Date: Sep 24, 2021 | Final Action Date: Dec 3, 2021 | [Approved](#)

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- ▶ ANSI/UL 48-2017, Standard for Safety for Electric Signs (revision of ANSI/UL 48-2014)  
Public Review Date: Mar 3, 2017 | Final Action Date: Nov 10, 2017 | [Approved](#)

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- ▶ ANSI/UL 48-2017a, Standard for Safety for Electric Signs (revision of ANSI/UL 48-2014)  
Public Review Date: Sep 22, 2017 | Final Action Date: Nov 10, 2017 | [Approved](#)

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- ▶ ANSI/UL 48-2018, Standard for Safety for Electric Signs (revision of ANSI/UL 48-2017)  
Public Review Date: Aug 24, 2018 | Final Action Date: Dec 7, 2018 | [Approved](#)

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- ▶ ANSI/UL 48-2021, Standard for Safety for Electric Signs (revision of ANSI/UL 48-2018)  
Public Review Date: Dec 4, 2020 | Final Action Date: Feb 19, 2021 | [Approved](#)

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- ▶ ANSI/UL 48-2022, Standard for Safety for Electric Signs (revision of ANSI/UL 48-2021)  
Public Review Date: Jun 18, 2021 | Final Action Date: Apr 22, 2022 | [Approved](#)

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- ▶ ANSI/UL 482-2005 (R2020), Standard for Safety for Portable Sun/Heat Lamps (reaffirmation of ANSI/UL 482-2005 (R2014))  
Public Review Date: Nov 29, 2019 | Final Action Date: Jan 16, 2020 | [Approved](#)

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- ▶ ANSI/UL 484-2016, Standard for Room Air Conditioners (revision of ANSI/UL 484-2015)  
Public Review Date: Sep 2, 2016 | Final Action Date: Oct 25, 2016 | [Approved](#)

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- ▶ ANSI/UL 484-2018, Standard for Room Air Conditioners (revision of ANSI/UL 484-2016)  
Public Review Date: Jul 20, 2018 | Final Action Date: Sep 6, 2018 | [Approved](#)

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- ▶ ANSI/UL 486A-486B-2018, Standard for Safety for Wire Connectors (revision of ANSI/UL 486A-486B-2016)  
Public Review Date: Aug 4, 2017 | Final Action Date: Apr 27, 2018 | [Approved](#)

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- ▶ ANSI/UL 486A-486B-2018a, Standard for Safety for Wire Connectors (revision of ANSI/UL 486A-486B-2016)  
Public Review Date: Feb 2, 2018 | Final Action Date: Apr 27, 2018 | [Approved](#)

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- ▶ ANSI/UL 486A-486B-2019, Standard for Safety for Wire Connectors (revision of ANSI/UL 486A-486B-2018)  
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- ▶ ANSI/UL 486A-486B-2021, Standard for Safety for Wire Connectors (revision of ANSI/UL 486A-486B-2019)  
Public Review Date: Jan 22, 2021 | Final Action Date: May 5, 2021 | [Approved](#)

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- ▶ ANSI/UL 486C-2018, Standard for Safety for Splicing Wire Connectors (revision of ANSI/UL 486C-2016)  
Public Review Date: Aug 11, 2017 | Final Action Date: Jan 26, 2018 | [Approved](#)

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- ▶ ANSI/UL 486C-2019, Standard for Safety for Splicing Wire Connectors (revision of ANSI/UL 486C-2018)  
Public Review Date: Jun 28, 2019 | Final Action Date: Oct 4, 2019 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 486C-2021, Standard for Safety for Splicing Wire Connectors (revision of ANSI/UL 486C-2019)  
Public Review Date: Jan 22, 2021 | Final Action Date: May 5, 2021 | [Approved](#)

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- ▶ ANSI/UL 486D-2017, Standard for Safety for Sealed Wire Connector Systems (revision of ANSI/UL 486D-2015)  
Public Review Date: Jul 14, 2017 | Final Action Date: Oct 20, 2017 | [Approved](#)

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- ▶ ANSI/UL 486E-2015, Standard for Safety for Equipment Wiring Terminals for Use with Aluminum and/or Copper Conductors (revision of ANSI/UL 486E-2013)  
Public Review Date: Aug 14, 2015 | Final Action Date: Sep 30, 2015 | [Approved](#)

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- ▶ ANSI/UL 486E-2017, Standard for Safety for Equipment Wiring Terminals for Use with Aluminum and/or Copper Conductors (revision of ANSI/UL 486E-2015)  
Public Review Date: Aug 25, 2017 | Final Action Date: Nov 2, 2017 | [Approved](#)

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- ▶ ANSI/UL 486E-2019, Standard for Safety for Equipment Wiring Terminals for Use with Aluminum and/or Copper Conductors (revision of ANSI/UL 486E-2017)  
Public Review Date: Feb 8, 2019 | Final Action Date: Apr 2, 2019 | [Approved](#)

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- ▶ ANSI/UL 486F-2018, Standard for Safety for Bare and Covered Ferrules (revision of ANSI/UL 486F-2015)  
Public Review Date: Aug 11, 2017 | Final Action Date: Jan 12, 2018 | [Approved](#)

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- ▶ ANSI/UL 486F-2019, Standard for Safety for Bare and Covered Ferrules (revision of ANSI/UL 486F-2018)  
Public Review Date: Feb 8, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI/UL 486F-2019a, Standard for Safety for Bare and Covered Ferrules (revision of ANSI/UL 486F-2018)  
Public Review Date: Jun 7, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI/UL 486F-2021, Standard for Safety for Bare and Covered Ferrules (revision of ANSI/UL 486F-2019)  
Public Review Date: Oct 22, 2021 | Final Action Date: Dec 29, 2021 | [Approved](#)

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- ▶ ANSI/UL 486G-2018 (R2022), Standard for Sealed Twist-On Connecting Devices (reaffirmation of ANSI/UL 486G-2018)  
Public Review Date: Jul 8, 2022 | Final Action Date: Sep 8, 2022 | [Approved](#)

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- ▶ ANSI/UL 486L-2022, Standard for Safety for Large Ferrules (new standard)  
PINS Date: May 24, 2019 | Public Review Date: Sep 10, 2021 | Final Action Date: Mar 25, 2022 | [Approved](#)

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- ▶ ANSI/UL 489-2016, Standard for Safety for Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures (revision of ANSI/UL 489-2014)  
Public Review Date: Nov 13, 2015 | Final Action Date: Oct 24, 2016 | [Approved](#)

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- ▶ ANSI/UL 489-2016a, Standard for Safety for Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures (revision of ANSI/UL 489-2016)  
Public Review Date: May 27, 2016 | Final Action Date: Oct 24, 2016 | [Approved](#)

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- ▶ ANSI/UL 489-2019, Standard for Safety for Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures (revision of ANSI/UL 489-2016)  
Public Review Date: Oct 5, 2018 | Final Action Date: Apr 22, 2019 | [Approved](#)

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- ▶ ANSI/UL 489-2019a, Standard for Safety for Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures (revision of ANSI/UL 489-2016)  
Public Review Date: May 11, 2018 | Final Action Date: Apr 22, 2019 | [Approved](#)

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- ▶ ANSI/UL 489-2019b, Standard for Safety for Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures (revision of ANSI/UL 489-2016)  
Public Review Date: Dec 21, 2018 | Final Action Date: Apr 22, 2019 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 489A-2008 (R2018), Standard for Safety for Circuit Breakers for Use in Communications Equipment (reaffirmation of ANSI/UL 489A-2008 (R2013))  
Public Review Date: Apr 13, 2018 | Final Action Date: Jul 3, 2018 | [Approved](#)

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- ▶ ANSI/UL 489B-2016 (R2021), Standard for Safety for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems (reaffirmation of ANSI/UL 489B-2016)  
Public Review Date: Mar 5, 2021 | Final Action Date: May 19, 2021 | [Approved](#)

---
- ▶ ANSI/UL 489B-2016a, Standard for Safety for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures For Use With Photovoltaic (PV) Systems (new standard)  
PINS Date: Nov 25, 2011 | Public Review Date: Nov 6, 2015 | Final Action Date: Mar 7, 2016 | [Approved](#)

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- ▶ ANSI/UL 493-2018, Standard for Safety for Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables (new standard)  
Public Review Date: Aug 24, 2018 | Final Action Date: Dec 10, 2018 | [Approved](#)

---
- ▶ ANSI/UL 493-2019, Standard for Safety for Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables (revision of ANSI/UL 493-2018)  
Public Review Date: Nov 1, 2019 | Final Action Date: Dec 18, 2019 | [Approved](#)

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- ▶ ANSI/UL 493-2020, Standard for Safety for Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables (revision of ANSI/UL 493-2012 (R2016))  
Public Review Date: Feb 14, 2020 | Final Action Date: May 7, 2020 | [Approved](#)

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- ▶ ANSI/UL 493-2021, Standard for Safety for Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables (revision of ANSI/UL 493-2020)  
Public Review Date: Nov 6, 2020 | Final Action Date: Mar 11, 2021 | [Approved](#)

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- ▶ ANSI/UL 493-2023, Standard for Safety for Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables (revision of ANSI/UL 493-2021)  
Public Review Date: Sep 23, 2022 | Final Action Date: Jan 9, 2023 | [Approved](#)

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- ▶ ANSI/UL 495-2022, Standard for Safety for Power-Operated LP-Gas Dispensing Equipment (new standard)  
PINS Date: Mar 11, 2022 | Public Review Date: Aug 19, 2022 | Final Action Date: Dec 14, 2022 | [Approved](#)

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- ▶ ANSI/UL 496-2017, Standard for Safety for Lampholders (revision of ANSI/UL 496-2013b)  
Public Review Date: May 6, 2016 | Final Action Date: Sep 5, 2017 | [Approved](#)

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- ▶ ANSI/UL 496-2017a, Standard for Safety for Lampholders (revision of ANSI/UL 496-2013)  
Public Review Date: Jun 23, 2017 | Final Action Date: Sep 5, 2017 | [Approved](#)

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- ▶ ANSI/UL 496-2022, Standard for Safety for Lampholders (revision of ANSI/UL 496-2017)  
Public Review Date: Dec 4, 2020 | Final Action Date: Mar 28, 2022 | [Approved](#)

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- ▶ ANSI/UL 497-2004 (R2022), Protectors for Paired-Conductor Communications Circuits (reaffirmation of ANSI/UL 497-2004 (R2017))  
Public Review Date: May 6, 2022 | Final Action Date: Jul 25, 2022 | [Approved](#)

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- ▶ ANSI/UL 497A-2019, Secondary Protectors for Communication Circuits (revision of ANSI/UL 497A-2004 (R2017))  
Public Review Date: Jul 26, 2019 | Final Action Date: Oct 1, 2019 | [Approved](#)

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- ▶ ANSI/UL 497B-2004 (R2022), Standard for Protectors for Data Communications and Fire Alarm Circuits (reaffirmation of ANSI/UL 497B-2004 (R2017))  
Public Review Date: Dec 17, 2021 | Final Action Date: Feb 7, 2022 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 497C-2004 (R2022), Standard for Protectors for Coaxial Communications Circuits (reaffirmation of ANSI/UL 497C-2004 (R2017))  
Public Review Date: Dec 17, 2021 | Final Action Date: Feb 7, 2022 | [Approved](#)

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- ▶ ANSI/UL 498-2019, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498-2018)  
Public Review Date: May 17, 2019 | Final Action Date: Aug 9, 2019 | [Approved](#)

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- ▶ ANSI/UL 498-2019a, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498-2018)  
Public Review Date: May 24, 2019 | Final Action Date: Aug 9, 2019 | [Approved](#)

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- ▶ ANSI/UL 498-2019b, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498-2018)  
Public Review Date: Aug 9, 2019 | Final Action Date: Oct 8, 2019 | [Approved](#)

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- ▶ ANSI/UL 498-2020, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498-2019)  
Public Review Date: Oct 18, 2019 | Final Action Date: Jan 17, 2020 | [Approved](#)

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- ▶ ANSI/UL 498-2020a, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498-2020)  
Public Review Date: Mar 13, 2020 | Final Action Date: May 22, 2020 | [Approved](#)

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- ▶ ANSI/UL 498-2020b, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498-2020)  
Public Review Date: Jun 12, 2020 | Final Action Date: Jul 14, 2020 | [Approved](#)

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- ▶ ANSI/UL 498-2021, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498-2020)  
Public Review Date: Dec 4, 2020 | Final Action Date: Jan 11, 2021 | [Approved](#)

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- ▶ ANSI/UL 498-2021a, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498-2021)  
Public Review Date: Jul 16, 2021 | Final Action Date: Sep 20, 2021 | [Approved](#)

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- ▶ ANSI/UL 498-2022, Standard for Safety For Attachment Plugs and Receptacles (revision of ANSI/UL 498-2021)  
Public Review Date: May 20, 2022 | Final Action Date: Jul 20, 2022 | [Approved](#)

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- ▶ ANSI/UL 498-2022a, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498-2022)  
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- ▶ ANSI/UL 498A-2019, Standard for Safety for Current Taps and Adapters (revision of ANSI/UL 498A-2016)  
Public Review Date: Sep 9, 2016 | Final Action Date: Jul 2, 2019 | [Approved](#)

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- ▶ ANSI/UL 498A-2019a, Standard for Safety for Current Taps and Adapters (revision of ANSI/UL 498A-2016)  
Public Review Date: Apr 5, 2019 | Final Action Date: Jul 2, 2019 | [Approved](#)

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- ▶ ANSI/UL 498A-2019b, Standard for Safety for Current Taps and Adapters (revision of ANSI/UL 498A-2019a)  
Public Review Date: May 24, 2019 | Final Action Date: Aug 2, 2019 | [Approved](#)

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- ▶ ANSI/UL 498A-2020, Standard for Safety for Current Taps and Adapters (revision of ANSI/UL 498A-2019)  
Public Review Date: Feb 21, 2020 | Final Action Date: May 22, 2020 | [Approved](#)

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- ▶ ANSI/UL 498A-2021, Standard for Safety for Current Taps and Adapters (revision of ANSI/UL 498A-2020)  
Public Review Date: Nov 27, 2020 | Final Action Date: Jan 11, 2021 | [Approved](#)

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- ▶ ANSI/UL 498A-2021a, Standard for Safety for Current Taps and Adapters (revision of ANSI/UL 498A-2021)  
Public Review Date: Aug 13, 2021 | Final Action Date: Oct 27, 2021 | [Approved](#)

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- ▶ ANSI/UL 498B-2022, Standard for Safety for Receptacles with Integral Switching Means (new standard)  
Public Review Date: Jun 24, 2022 | Final Action Date: Aug 19, 2022 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 498C-2017 (R2021), Standard for Safety for Flatiron and Appliance Plugs (reaffirmation of ANSI/UL 498C-2017)

Public Review Date: Apr 2, 2021 | Final Action Date: May 25, 2021 | [Approved](#)

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- ▶ ANSI/UL 498D-2020a, Standard for Safety for Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts (revision of ANSI/UL 498D-2020)

Public Review Date: Aug 28, 2020 | Final Action Date: Nov 11, 2020 | [Approved](#)

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- ▶ ANSI/UL 498D-2021, Standard for Safety for Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts (revision of ANSI/UL 498D-2020)

Public Review Date: Apr 16, 2021 | Final Action Date: May 25, 2021 | [Approved](#)

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- ▶ ANSI/UL 498D-2021a, Standard for Safety for Attachment Plugs, Cord Connectors and Receptacles with Arcuate (Locking Type) Contacts (revision of ANSI/UL 498D-2021a)

Public Review Date: Jul 16, 2021 | Final Action Date: Sep 20, 2021 | [Approved](#)

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- ▶ ANSI/UL 498E-2020, Standard for Safety for Attachment Plugs, Cord Connectors and Receptacles - Enclosure Types for Environmental Protection (new standard)

PINS Date: Dec 20, 2019 | Public Review Date: Mar 27, 2020 | Final Action Date: May 28, 2020 | [Approved](#)

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- ▶ ANSI/UL 498F-2020a, Standard for Safety for Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts (revision of ANSI/UL 498F-2020)

Public Review Date: Aug 28, 2020 | Final Action Date: Nov 11, 2020 | [Approved](#)

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- ▶ ANSI/UL 498F-2021, Standard for Safety for Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts (revision of ANSI/UL 498F-2020)

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- ▶ ANSI/UL 498F-2021a, Standard for Safety for Plugs, Socket-Outlets and Couplers with Arcuate (Locking Type) Contacts (revision of ANSI/UL 498F-2021)

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- ▶ ANSI/UL 498M-2020, Standard for Safety for Marine Shore Power Inlets (new standard)

PINS Date: Dec 20, 2019 | Public Review Date: Mar 27, 2020 | Final Action Date: May 28, 2020 | [Approved](#)

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- ▶ ANSI/UL 499-2022, Standard for Safety for Electric Heating Appliances (revision of ANSI/UL 499-2021)

Public Review Date: Feb 18, 2022 | Final Action Date: May 3, 2022 | [Approved](#)

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- ▶ ANSI/UL 499-2022a, Standard for Safety for Electric Heating Appliances (revision of ANSI/UL 499-2021)

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- ▶ ANSI/UL 5-2022, Standard for Safety for Surface Metal Raceways and Fittings (June 3, 2022) (revision of ANSI/UL 5-2016 (R2020))

Public Review Date: Jun 3, 2022 | Final Action Date: Jul 21, 2022 | [Approved](#)

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- ▶ ANSI/UL 50-2015, Standard for Safety for Enclosures for Electrical Equipment, Non-Environmental Considerations (revision of ANSI/UL 50-2007 (R2012))

Public Review Date: Oct 10, 2014 | Final Action Date: Oct 16, 2015 | [Approved](#)

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- ▶ ANSI/UL 50-2020, Standard for Safety for Enclosures for Electrical Equipment, Non-Environmental Considerations (revision of ANSI/UL 50-2015)

Public Review Date: May 8, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ ANSI/UL 506-2008 (R2022), Standard for Safety for Specialty Transformers (reaffirmation of ANSI/UL 506-2008 (R2017))

Public Review Date: Dec 3, 2021 | Final Action Date: Jan 26, 2022 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 507-2017a, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2016)  
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- ▶ ANSI/UL 507-2017b, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2016)  
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- ▶ ANSI/UL 507-2017c, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2017)  
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- ▶ ANSI/UL 507-2017d, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2017)  
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- ▶ ANSI/UL 507-2018, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2017)  
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- ▶ ANSI/UL 507-2018a, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2017d)  
Public Review Date: Mar 23, 2018 | Final Action Date: Aug 15, 2018 | [Approved](#)

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- ▶ ANSI/UL 507-2018b, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2017d)  
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- ▶ ANSI/UL 507-2018c, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2018)  
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- ▶ ANSI/UL 507-2020, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2018)  
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- ▶ ANSI/UL 507-2020a, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2018)  
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- ▶ ANSI/UL 507-2022, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2020)  
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- ▶ ANSI/UL 508-2018, Standard for Safety for Industrial Control Equipment (revision of ANSI/UL 508-2008)  
Public Review Date: Mar 1, 2013 | Final Action Date: Mar 30, 2018 | [Approved](#)

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- ▶ ANSI/UL 508-2018a, Standard for Safety for Industrial Control Equipment (revision of ANSI/UL 508-2013)  
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- ▶ ANSI/UL 508-2021, Standard for Safety for Industrial Control Equipment (revision of ANSI/UL 508-2018)  
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- ▶ ANSI/UL 5085-1-2013 (R2022), Standard for Safety for Low Voltage Transformers (reaffirmation of ANSI/UL 5085-1-2013 (R2018))  
Public Review Date: Mar 25, 2022 | Final Action Date: May 24, 2022 | [Approved](#)

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- ▶ ANSI/UL 5085-2-2021, Standard for Safety for Low Voltage Transformers (revision of ANSI/UL 5085-2-2012 (R2017))  
Public Review Date: May 28, 2021 | Final Action Date: Aug 17, 2021 | [Approved](#)

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- ▶ ANSI/UL 5085-3-2012 (R2022), Standard for Safety for Low Voltage Transformers - Part 3: Class 2 and Class 3 Transformers (reaffirmation of ANSI/UL 5085-3-2012 (R2017))  
Public Review Date: Dec 3, 2021 | Final Action Date: Jan 26, 2022 | [Approved](#)

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- ▶ ANSI/UL 508A-2018, Standard for Safety for Industrial Control Panels (new standard)  
PINS Date: Jul 22, 2016 | Public Review Date: May 18, 2018 | Final Action Date: Jul 3, 2018 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 508A-2020, Standard for Safety for Industrial Control Panels (revision of ANSI/UL 508A-2018)  
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- ▶ ANSI/UL 508A-2020a, Standard for Safety for Industrial Control Panels (revision of ANSI/UL 508A-2018)  
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- ▶ ANSI/UL 508A-2020b, Standard for Safety for Industrial Control Panels (revision of ANSI/UL 508A-2020)  
Public Review Date: Jun 5, 2020 | Final Action Date: Jul 9, 2020 | [Approved](#)

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- ▶ ANSI/UL 508A-2021, Standard for Safety for Industrial Control Panels (revision of ANSI/UL 508A-2020)  
Public Review Date: Jul 10, 2020 | Final Action Date: Jul 13, 2021 | [Approved](#)

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- ▶ ANSI/UL 508A-2021a, Standard for Safety for Industrial Control Panels (revision of ANSI/UL 508A-2020)  
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- ▶ ANSI/UL 508A-2022, Standard for Safety for Industrial Control Panels (revision of ANSI/UL 508A-2020)  
Public Review Date: Jun 17, 2022 | Final Action Date: Jul 21, 2022 | [Approved](#)

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- ▶ ANSI/UL 508C-2016, Standard for Safety for Power Conversion Equipment (revision of ANSI/UL 508C-2010c)  
Public Review Date: Sep 9, 2011 | Final Action Date: May 16, 2016 | [Approved](#)

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- ▶ ANSI/UL 508C-2016a, Standard for Safety for Power Conversion Equipment (revision of ANSI/UL 508C-2010c)  
Public Review Date: Jan 25, 2013 | Final Action Date: May 16, 2016 | [Approved](#)

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- ▶ ANSI/UL 508C-2016b, Standard for Safety for Power Conversion Equipment (revision of ANSI/UL 508C-2010)  
Public Review Date: Nov 1, 2013 | Final Action Date: May 16, 2016 | [Approved](#)

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- ▶ ANSI/UL 508C-2018, Standard for Safety for Power Conversion Equipment (revision of ANSI/UL 508C-2016)  
Public Review Date: Nov 11, 2016 | Final Action Date: Jun 11, 2018 | [Approved](#)

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- ▶ ANSI/UL 508C-2018a, Standard for Safety for Power Conversion Equipment (revision of ANSI/UL 508C-2016)  
Public Review Date: Sep 8, 2017 | Final Action Date: Jun 11, 2018 | [Approved](#)

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- ▶ ANSI/UL 508C-2018b, Standard for Safety for Power Conversion Equipment (revision of ANSI/UL 508C-2016)  
Public Review Date: Mar 2, 2018 | Final Action Date: Jun 11, 2018 | [Approved](#)

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- ▶ ANSI/UL 50E-2015, Standard for Safety for Enclosures for Electrical Equipment, Environmental Considerations (revision of ANSI/UL 50E-2007 (R2012))  
Public Review Date: Oct 10, 2014 | Final Action Date: Oct 16, 2015 | [Approved](#)

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- ▶ ANSI/UL 50E-2020, Standard for Safety for Enclosures for Electrical Equipment, Environmental Considerations (revision of ANSI/UL 50E-2015)  
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- ▶ ANSI/UL 510-2020, Standard for Safety for Polyvinyl Chloride, Polyethylene, and Rubber Insulating Tape (new standard)  
PINS Date: Mar 22, 2019 | Public Review Date: Nov 22, 2019 | Final Action Date: Apr 17, 2020 | [Approved](#)

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- ▶ ANSI/UL 510-2022, Standard for Safety for Polyvinyl Chloride, Polyethylene, and Rubber Insulating Tape (revision of ANSI/UL 510-2020)  
Public Review Date: Jun 10, 2022 | Final Action Date: Dec 14, 2022 | [Approved](#)

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- ▶ ANSI/UL 510A-2022, Standard for Safety for Component Tapes (revision of ANSI/UL 510A-2020)  
Public Review Date: Jun 10, 2022 | Final Action Date: Dec 14, 2022 | [Approved](#)

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- ▶ ANSI/UL 514A-2015a, Standard for Safety for Metallic Outlet Boxes (revision of ANSI/UL 514A-2013A)  
Public Review Date: Jan 23, 2015 | Final Action Date: Jul 6, 2015 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 514A-2017, Standard for Safety for Metallic Outlet Boxes (revision of ANSI/UL 514A-2015)  
Public Review Date: Feb 10, 2017 | Final Action Date: Aug 11, 2017 | [Approved](#)

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- ▶ ANSI/UL 514A-2022, Standard for Safety for Metallic Outlet Boxes (revision of ANSI/UL 514A-2017)  
Public Review Date: Mar 18, 2022 | Final Action Date: Jun 30, 2022 | [Approved](#)

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- ▶ ANSI/UL 514B-2020, Standard for Conduit, Tubing, and Cable Fittings (revision of ANSI/UL 514B-2014)  
Public Review Date: Dec 6, 2019 | Final Action Date: May 22, 2020 | [Approved](#)

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- ▶ ANSI/UL 514C-2018, Standard for Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers (revision of ANSI/UL 514C-2014)  
Public Review Date: Sep 28, 2018 | Final Action Date: Nov 30, 2018 | [Approved](#)

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- ▶ ANSI/UL 514C-2020, Standard for Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers (revision of ANSI/UL 514C-2018)  
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- ▶ ANSI/UL 514C-2020a, Standard for Safety for Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers (revision of ANSI/UL 514C-2020)  
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- ▶ ANSI/UL 514D-2016, Standard for Safety for Cover Plates for Flush-Mounted Wiring Devices (revision of ANSI/UL 514D-2013)  
Public Review Date: May 22, 2015 | Final Action Date: Mar 4, 2016 | [Approved](#)

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- ▶ ANSI/UL 521-2017, Standard for Safety for Heat Detectors for Fire Protective Signaling Systems (revision of ANSI/UL 521-2016)  
Public Review Date: Oct 27, 2017 | Final Action Date: Dec 8, 2017 | [Approved](#)

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- ▶ ANSI/UL 521-2019, Standard for Safety for Heat Detectors for Fire Protective Signaling Systems (revision of ANSI/UL 521-2017)  
Public Review Date: Apr 19, 2019 | Final Action Date: Jul 1, 2019 | [Approved](#)

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- ▶ ANSI/UL 521-2020, Standard for Safety for Heat Detectors for Fire Protective Signaling Systems (revision of ANSI/UL 521-2019)  
Public Review Date: Sep 11, 2020 | Final Action Date: Nov 18, 2020 | [Approved](#)

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- ▶ ANSI/UL 521-2021, Standard for Safety for Heat Detectors for Fire Protective Signaling Systems (revision of ANSI/UL 521-2020)  
Public Review Date: Jan 22, 2021 | Final Action Date: Mar 24, 2021 | [Approved](#)

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- ▶ ANSI/UL 521-2022, Standard for Safety for Heat Detectors for Fire Protective Signaling Systems (revision of ANSI/UL 521-2021)  
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- ▶ ANSI/UL 525-2004 (R2023), Standard for Safety for Flame Arresters (reaffirmation of ANSI/UL 525-2004 (R2017))  
Public Review Date: Oct 14, 2022 | Final Action Date: Jan 17, 2023 | [Approved](#)

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- ▶ ANSI/UL 525-2008 (R2017), Standard for Safety for Flame Arresters (reaffirmation of ANSI/UL 525-2008 (R2012))  
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- ▶ ANSI/UL 536-2021, Standard for Safety for Flexible Metallic Hose (new standard)  
PINS Date: Mar 5, 2021 | Public Review Date: Apr 9, 2021 | Final Action Date: Aug 9, 2021 | [Approved](#)

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- ▶ ANSI/UL 539-2018, Standard for Safety for Single and Multiple Station Heat Alarms (revision of ANSI/UL 539-2017)  
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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 539-2022, Standard for Safety for Single and Multiple Station Heat Alarms (revision of ANSI/UL 539-2018)  
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- ▶ ANSI/UL 541-2016, Refrigerated Vending Machines (revision of ANSI/UL 541-2014)  
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- ▶ ANSI/UL 541-2018, Standard for Safety for Refrigerated Vending Machines (revision of ANSI/UL 541-2016)  
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- ▶ ANSI/UL 541-2020, Standard for Safety for Refrigerated Vending Machines (revision of ANSI/UL 541-2018)  
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- ▶ ANSI/UL 542-2005 (R2018), Standard for Safety for Fluorescent Lamp Starters (reaffirmation of ANSI/UL 542-2005 (R2014))  
Public Review Date: Oct 19, 2018 | Final Action Date: Dec 11, 2018 | [Approved](#)

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- ▶ ANSI/UL 5500-2018, Standard for Safety for Remote Software Updates (new standard)  
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- ▶ ANSI/UL 551-2009 (R2022), Standard for Safety for Transformer-Type Arc-Welding Machines (reaffirmation of ANSI/UL 551-2009 (R2018))  
Public Review Date: Mar 25, 2022 | Final Action Date: May 24, 2022 | [Approved](#)

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- ▶ ANSI/UL 555-2016, Standard for Safety for Fire Dampers (Proposal dated 08-19-16) (revision of ANSI/UL 555-2013)  
Public Review Date: Aug 19, 2016 | Final Action Date: Oct 21, 2016 | [Approved](#)

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- ▶ ANSI/UL 555-2020, Standard for Fire Dampers (revision of ANSI/UL 555-2016)  
Public Review Date: Aug 14, 2020 | Final Action Date: Oct 9, 2020 | [Approved](#)

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- ▶ ANSI/UL 555C-2017, Standard for Safety for Ceiling Dampers (Proposal Dated 08-19-16) (revision of ANSI/UL 555C-2010 (R2014))  
Public Review Date: Aug 19, 2016 | Final Action Date: May 1, 2017 | [Approved](#)

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- ▶ ANSI/UL 555C-2021, Standard for Ceiling Dampers (revision of ANSI/UL 555C-2017)  
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- ▶ ANSI/UL 555S-2016, Standard for Safety for Smoke Dampers (Proposal Dated 08-19-16) (revision of ANSI/UL 555S-2014)  
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- ▶ ANSI/UL 555S-2020, Standard for Smoke Dampers (revision of ANSI/UL 555S-2016)  
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- ▶ ANSI/UL 558-2016, Standard for Safety for Industrial Trucks, Internal Combustion Engine-Powered (Proposal dated 8-19-16) (revision of ANSI/UL 558-2015)  
Public Review Date: Aug 19, 2016 | Final Action Date: Dec 14, 2016 | [Approved](#)

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- ▶ ANSI/UL 558-2016a, Standard for Safety for Industrial Trucks, Internal Combustion Engine-Powered (Proposal dated 10-28-16) (revision of ANSI/UL 558-2015)  
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- ▶ ANSI/UL 558-2017, Standard For Safety For Industrial Trucks, Internal Combustion Engine-Powered (proposal dated 07-14-2017) (revision of ANSI/UL 558-2016a)  
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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 558-2017a, Standard For Safety For Industrial Trucks, Internal Combustion Engine-Powered (proposal dated (08-18-2017) (revision of ANSI/UL 558-2016)

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- ▶ ANSI/UL 558-2020, Standard for Safety for Industrial Trucks, Internal Combustion Engine-Powered (revision of ANSI/UL 558-2017)

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- ▶ ANSI/UL 558-2021, Standard for Safety for Industrial Trucks, Internal Combustion Engine- (revision of ANSI/UL 558-2020)

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- ▶ ANSI/UL 561-2021, Standard for Safety for Floor Finishing Machines (revision of ANSI/UL 561-2011 (R2018))

Public Review Date: Apr 23, 2021 | Final Action Date: Jun 29, 2021 | [Approved](#)

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- ▶ ANSI/UL 563-2017, Standard for Ice Makers (revision of ANSI/UL 563-2013)

Public Review Date: Nov 18, 2016 | Final Action Date: Jan 12, 2017 | [Approved](#)

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- ▶ ANSI/UL 563-2018, Standard for Ice Makers (revision of ANSI/UL 563-2017)

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- ▶ ANSI/UL 565-2018, Standard for Safety for Liquid-Level Gauges for Anhydrous Ammonia and LP-Gas (revision of ANSI/UL 565-2013 (R2017))

Public Review Date: Jan 19, 2018 | Final Action Date: Feb 22, 2018 | [Approved](#)

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- ▶ ANSI/UL 567-2017, Standard for Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Petroleum Products and LP-Gas (revision of ANSI/UL 567-2014)

Public Review Date: Feb 10, 2017 | Final Action Date: Jul 27, 2017 | [Approved](#)

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- ▶ ANSI/UL 567-2017a, Standard for Safety for Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Petroleum Products and LP-Gas (revision of ANSI/UL 567-2014)

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- ▶ ANSI/UL 567-2021, Standard for Emergency Breakaway Fittings, Swivel Connectors, and Pipe-Connection Fittings for Petroleum Products and LP-Gas (revision of ANSI/UL 567-2017)

Public Review Date: Jun 19, 2020 | Final Action Date: Jan 29, 2021 | [Approved](#)

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- ▶ ANSI/UL 567A-2018, Standard for Safety for Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 567A-2015)

Public Review Date: Apr 6, 2018 | Final Action Date: Jun 29, 2018 | [Approved](#)

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- ▶ ANSI/UL 567A-2019, Standard for Safety for Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 567A-2018)

Public Review Date: Nov 16, 2018 | Final Action Date: Apr 1, 2019 | [Approved](#)

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- ▶ ANSI/UL 567B-2018, Standard for Safety for Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 567B-2015)

Public Review Date: Apr 6, 2018 | Final Action Date: Jun 29, 2018 | [Approved](#)

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- ▶ ANSI/UL 567B-2020, Standard For Safety For Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 567B-2015)

Public Review Date: Jan 31, 2020 | Final Action Date: Jun 3, 2020 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 568-2004 (R2019), Standard for Safety for Nonmetallic Cable Tray Systems (reaffirmation of ANSI/UL 568-2004 (R2014))  
Public Review Date: May 17, 2019 | Final Action Date: Sep 9, 2019 | [Approved](#)

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- ▶ ANSI/UL 569-2022, Standard for Safety for Pigtails and Flexible Hose Connectors for LP-Gas (revision of ANSI/UL 569-2017)  
Public Review Date: Aug 5, 2022 | Final Action Date: Nov 8, 2022 | [Approved](#)

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- ▶ ANSI/UL 574-2014 (R2019), Standard for Safety for Electric Oil Heaters (reaffirmation of ANSI/UL 574-2014)  
Public Review Date: Jul 19, 2019 | Final Action Date: Sep 6, 2019 | [Approved](#)

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- ▶ ANSI/UL 580-2009 (R2013), Standard for Safety for Tests for Uplift Resistance of Roof Assemblies (reaffirmation of ANSI/UL 580-2009)  
Public Review Date: Sep 6, 2013 | Final Action Date: Oct 29, 2013 | [Approved](#)

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- ▶ ANSI/UL 580-2009 (R2019), Standard for Safety for Tests for Uplift Resistance of Roof Assemblies (reaffirmation of ANSI/UL 580-2009 (R2013))  
Public Review Date: Jan 4, 2019 | Final Action Date: Apr 26, 2019 | [Approved](#)

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- ▶ ANSI/UL 5800-2020, Standard for Safety for Battery Fire Containment Products (new standard)  
Public Review Date: Oct 9, 2020 | Final Action Date: Dec 8, 2020 | [Approved](#)

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- ▶ ANSI/UL 5800-2021, Standard for Safety for Battery Fire Containment Products (revision of ANSI/UL 5800-2020)  
Public Review Date: Apr 9, 2021 | Final Action Date: Jun 16, 2021 | [Approved](#)

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- ▶ ANSI/UL 583-2022, Standard for Electric-battery-Powered Industrial Trucks (revision of ANSI/UL 583-2021)  
Public Review Date: Sep 9, 2022 | Final Action Date: Dec 15, 2022 | [Approved](#)

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- ▶ ANSI/UL 5840-2022, Standard for Safety for Electrical Systems of Battery Powered Aviation Ground Support Equipment (new standard)  
Public Review Date: Feb 11, 2022 | Final Action Date: May 25, 2022 | [Approved](#)

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- ▶ ANSI/UL 586-2017 (R2022), High-Efficiency, Particulate, Air Filter Units (reaffirmation of ANSI/UL 586-2017)  
Public Review Date: May 6, 2022 | Final Action Date: Sep 7, 2022 | [Approved](#)

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- ▶ ANSI/UL 588-2018, Standard for Safety for Seasonal and Holiday Decorative Products (revision of ANSI/UL 588-2015a)  
Public Review Date: Jul 14, 2017 | Final Action Date: Jan 9, 2018 | [Approved](#)

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- ▶ ANSI/UL 588-2018a, Standard for Safety for Seasonal and Holiday Decorative Products (revision of ANSI/UL 588-2017)  
Public Review Date: Oct 27, 2017 | Final Action Date: Jan 9, 2018 | [Approved](#)

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- ▶ ANSI/UL 588-2018b, Standard for Safety for Seasonal and Holiday Decorative Products (revision of ANSI/UL 588-2017)  
Public Review Date: Jun 15, 2018 | Final Action Date: Nov 27, 2018 | [Approved](#)

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- ▶ ANSI/UL 588-2020, Standard for Safety for Seasonal Holiday Decorative Products (revision of ANSI/UL 588-2018)  
Public Review Date: Apr 10, 2020 | Final Action Date: May 21, 2020 | [Approved](#)

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- ▶ ANSI/UL 588-2020a, Standard for Safety for Seasonal and Holiday Decorative Products (revision of ANSI/UL 588-2018)  
Public Review Date: May 15, 2020 | Final Action Date: Jul 9, 2020 | [Approved](#)

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- ▶ ANSI/UL 588-2021a, Standard for Safety for Seasonal and Holiday Decorative Products (September 10, 2021) (revision of ANSI/UL 588-2021)  
Public Review Date: Sep 10, 2021 | Final Action Date: Oct 27, 2021 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 588-2022, Standard for Safety for Seasonal and Holiday Decorative Products (revision of ANSI/UL 588-2021)  
Public Review Date: Oct 21, 2022 | Final Action Date: Dec 6, 2022 | [Approved](#)

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- ▶ ANSI/UL 5A-2015 (R2020), Standard for Nonmetallic Surface Raceways and Fittings (reaffirmation of ANSI/UL 5A-2015)  
Public Review Date: Jun 12, 2020 | Final Action Date: Aug 25, 2020 | [Approved](#)

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- ▶ ANSI/UL 5B-2019, Standard for Strut-Type Channel Raceways and Fittings (revision of ANSI/UL 5B-2014)  
Public Review Date: Dec 21, 2018 | Final Action Date: Feb 26, 2019 | [Approved](#)

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- ▶ ANSI/UL 5C-2016 (R2020), Standard for Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits (reaffirmation of ANSI/UL 5C-2016)  
Public Review Date: Jun 12, 2020 | Final Action Date: Aug 25, 2020 | [Approved](#)

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- ▶ ANSI/UL 6-2019, Standard for Electrical Rigid Metal Conduit – Steel (revision of ANSI/UL 6-2014)  
Public Review Date: Jan 18, 2019 | Final Action Date: Sep 27, 2019 | [Approved](#)

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- ▶ ANSI/UL 6-2022, Standard for Safety for Electrical Rigid Metal Conduit - Steel (revision of ANSI/UL 6-2019)  
Public Review Date: Jul 22, 2022 | Final Action Date: Nov 28, 2022 | [Approved](#)

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- ▶ ANSI/UL 60034-1-2016, Standard for Safety for Rotating Electrical Machines - Part 1: Rating and Performance (identical national adoption of IEC 60034-1)  
PINS Date: Aug 21, 2015 | Public Review Date: Jun 3, 2016 | Final Action Date: Jul 26, 2016 | [Approved](#)

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- ▶ ANSI/UL 60034-1-2018, Standard for Safety for Rotating Electrical Machines – Part 1: Rating and Performance (identical national adoption of IEC 60034-1 and revision of ANSI/UL 60034-1-2016)  
Public Review Date: Jul 20, 2018 | Final Action Date: Sep 11, 2018 | [Approved](#)

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- ▶ ANSI/UL 60034-2-1-2017 (R2022), Standard for Safety for Rotating Electrical Machines - Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles) (reaffirmation of ANSI/UL 60034-2-1-2017)  
Public Review Date: Jan 21, 2022 | Final Action Date: Mar 21, 2022 | [Approved](#)

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- ▶ ANSI/UL 60034-5-2019, Rotating Electrical Machines - Part 5: Degrees of Protection Provided by the Integral Design of Rotating Electrical Machines (IP Code) - Classification (identical national adoption of IEC 60034-5)  
PINS Date: Mar 30, 2018 | Public Review Date: Oct 26, 2018 | Final Action Date: Jan 14, 2019 | [Approved](#)

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- ▶ ANSI/UL 60065-2015a (R2020), UL Standard for Safety for Audio, Video and Similar Electronic Apparatus - Safety Requirements, UL 60065 (reaffirmation of ANSI/UL 60065-2015a)  
Public Review Date: Apr 17, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)

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- ▶ ANSI/UL 60079-0-2019, Standard for Safety for Explosive Atmospheres - Part 0: General Requirements (national adoption of IEC 60079-0 with modifications and revision of ANSI/UL 60079-0-2013 (R2017))  
Public Review Date: Nov 30, 2018 | Final Action Date: Mar 26, 2019 | [Approved](#)

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- ▶ ANSI/UL 60079-0-2020, Standard for Safety for Explosive Atmospheres - Part 0: General Requirements (national adoption of IEC 60079-0 with modifications and revision of ANSI/UL 60079-0-2019)  
Public Review Date: Feb 14, 2020 | Final Action Date: Apr 15, 2020 | [Approved](#)

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- ▶ ANSI/UL 60079-1-2015, Standard for Safety for Explosive Atmospheres - Part 1: Equipment Protection by Flameproof Enclosures "d" (Proposal dated 05-22-15) (national adoption of IEC 60079-1 with modifications and revision of ANSI/UL 60079-1-2009 (R2013))  
Public Review Date: May 22, 2015 | Final Action Date: Sep 18, 2015 | [Approved](#)

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- ▶ ANSI/UL 60079-1-2020, Standard for Safety for Explosive Atmospheres - Part 1: Equipment Protection by Flameproof Enclosures d (national adoption of IEC 60079-1 with modifications and revision of ANSI/UL 60079-1-2015)  
Public Review Date: Sep 13, 2019 | Final Action Date: Jan 23, 2020 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 60079-11-2018, Standard for Safety for Explosive Atmospheres - Part 11: Equipment Protection by Intrinsic Safety i (national adoption of IEC 60079-11 with modifications and revision of ANSI/UL 60079-11-2014)  
Public Review Date: Apr 20, 2018 | Final Action Date: Sep 14, 2018 | [Approved](#)
- ▶ ANSI/UL 60079-13-2020, Standard for Safety for Explosive Atmospheres - Part 13: Equipment Protection by Pressurized Room p and Artificially Ventilated Room v (national adoption with modifications of IEC 60079-13)  
PINS Date: Sep 9, 2011 | Public Review Date: Jan 24, 2020 | Final Action Date: Apr 20, 2020 | [Approved](#)
- ▶ ANSI/UL 60079-13-2022, Standard for Safety for Explosive Atmospheres – Part 13: Equipment Protection by PressurizedRoom p and Artificially Ventilated Room v (national adoption of IEC 60079-13 with modifications and revision of ANSI/UL 60079-13-2020)  
Public Review Date: Apr 8, 2022 | Final Action Date: Jun 27, 2022 | [Approved](#)
- ▶ ANSI/UL 60079-15-2020, Standard for Safety for Explosive Atmospheres - Part 15: Equipment Protection by Protection n (revision of ANSI/UL 60079-15-2013 (R2017))  
Public Review Date: Nov 29, 2019 | Final Action Date: Apr 7, 2020 | [Approved](#)
- ▶ ANSI/UL 60079-17-2017 (R2021), Standard for Safety for Explosive Atmospheres – Part 17: Electrical Installations Inspection and Maintenance (reaffirm a national adoption ANSI/UL 60079-17-2017)  
Public Review Date: May 28, 2021 | Final Action Date: Jul 28, 2021 | [Approved](#)
- ▶ ANSI/UL 60079-18-2016, Standard for Safety for Explosive Atmospheres - Part 18: Equipment Protection by Encapsulation "m" (Proposal dated 10-09-15) (national adoption of IEC 60079-18 with modifications and revision of ANSI/UL 60079-18-2012a)  
Public Review Date: Oct 9, 2015 | Final Action Date: Dec 14, 2015 | [Approved](#)
- ▶ ANSI/UL 60079-18-2016a, Standard for Safety for Explosive Atmospheres - Part 18: Equipment Protection by Encapsulation "m" (Proposal dated 01-29-16) (national adoption of IEC 60079-18 with modifications and revision of ANSI/UL 60079-18-2016)  
Public Review Date: Jan 29, 2016 | Final Action Date: Mar 14, 2016 | [Approved](#)
- ▶ ANSI/UL 60079-18-2017, Standard for Safety for Explosive Atmospheres - Part 18: Equipment Protection by Encapsulation "m" (Proposal dated 12-16-16) (national adoption of IEC 60079-18 with modifications and revision of ANSI/UL 60079-18-2016)  
Public Review Date: Dec 16, 2016 | Final Action Date: Feb 20, 2017 | [Approved](#)
- ▶ ANSI/UL 60079-18-2018, Standard for Safety for Explosive Atmospheres - Part 18: Equipment Protection by Encapsulation m (national adoption of IEC 60079-18 with modifications and revision of ANSI/UL 60079-18-2017)  
Public Review Date: Apr 6, 2018 | Final Action Date: May 25, 2018 | [Approved](#)
- ▶ ANSI/UL 60079-18-2019, Standard for Safety for Explosive Atmospheres - Part 18: Equipment Protection by Encapsulation m (national adoption of IEC 60079-18 with modifications and revision of ANSI/UL 60079-18-2018)  
Public Review Date: Dec 7, 2018 | Final Action Date: Feb 7, 2019 | [Approved](#)
- ▶ ANSI/UL 60079-2-2017 (R2021), Standard for Safety for Explosive Atmospheres – Part 2: Equipment Protection by Pressurized Enclosure p (reaffirm a national adoption ANSI/UL 60079-2-2017)  
Public Review Date: Jun 25, 2021 | Final Action Date: Sep 15, 2021 | [Approved](#)
- ▶ ANSI/UL 60079-25-2011 (R2020), Standard for Safety for Explosive Atmospheres - Part 25: Intrinsically Safe Electrical Systems (reaffirm a national adoption ANSI/UL 60079-25-2011 (R2015))  
Public Review Date: Jan 24, 2020 | Final Action Date: Jun 12, 2020 | [Approved](#)
- ▶ ANSI/UL 60079-26-2017 (R2022), Standard for Safety for Explosive Atmospheres – Part 26: Equipment with Equipment Protection Level (EPL) Ga (reaffirm a national adoption ANSI/UL 60079-26-2017)  
Public Review Date: Jun 24, 2022 | Final Action Date: Aug 16, 2022 | [Approved](#)

**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 60079-28-2017, Standard for Safety for Explosive Atmospheres - Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation (proposal dated 07-28-17) (national adoption with modifications of IEC 60079-28)  
Public Review Date: Dec 23, 2016 | Final Action Date: Sep 15, 2017 | [Approved](#)
- ▶ ANSI/UL 60079-28-2017a, Standard for Safety for Explosive Atmospheres - Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation (proposal dated 07-28-17) (national adoption with modifications of IEC 60079-28)  
Public Review Date: Jul 28, 2017 | Final Action Date: Sep 15, 2017 | [Approved](#)
- ▶ ANSI/UL 60079-28-2020, Standard for Safety for Explosive Atmospheres - Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation (revision of ANSI/UL 60079-28-2017)  
Public Review Date: Nov 8, 2019 | Final Action Date: Feb 27, 2020 | [Approved](#)
- ▶ ANSI/UL 60079-28-2021, Standard for Safety for Explosive Atmospheres – Part 28: Protection of Equipment and Transmission Systems Using Optical Radiation (national adoption of IEC 60079-28 with modifications and revision of ANSI/UL 60079-28-2020)  
Public Review Date: Oct 15, 2021 | Final Action Date: Dec 7, 2021 | [Approved](#)
- ▶ ANSI/UL 60079-29-1-2019, Standard for Safety for Explosive Atmospheres - Part 29-1: Gas Detectors - Performance Requirements of Detectors for Flammable Gases (national adoption of IEC 60079-29-1 with modifications and revision of ANSI/ISA 60079-29-1 (12.13.01)-2013)  
Public Review Date: Nov 9, 2018 | Final Action Date: May 31, 2019 | [Approved](#)
- ▶ ANSI/UL 60079-29-1-2019a, Standard for Safety for Explosive Atmospheres - Part 29-1: Gas Detectors - Performance Requirements of Detectors for Flammable Gases (national adoption of IEC 60079-29-1 with modifications and revision of ANSI/ISA 60079-29-1 (12.13.01)-2013)  
Public Review Date: Feb 15, 2019 | Final Action Date: May 31, 2019 | [Approved](#)
- ▶ ANSI/UL 60079-29-2-2018, Standard for Safety for Explosive Atmospheres - Part 29-2: Gas Detectors - Selection, Installation, Use and Maintenance of Detectors for Flammable Gases and Oxygen (national adoption of IEC 60079-29-2 with modifications and revision of ANSI/ISA 60079-29-2 (12.13.02)-2012)  
Public Review Date: May 11, 2018 | Final Action Date: Oct 15, 2018 | [Approved](#)
- ▶ ANSI/UL 60079-29-4-2018 (R2022), Standard for Safety for Explosive Atmospheres - Part 29-4: Gas Detectors - Performance Requirements of Open Path Detectors for Flammable Gases (reaffirmation of ANSI/UL 60079-29-4-2018)  
Public Review Date: Oct 7, 2022 | Final Action Date: Dec 15, 2022 | [Approved](#)
- ▶ ANSI/UL 60079-30-1-2017 (R2021), Standard for Safety for Explosive Atmospheres – Part 30-1: Electrical Resistance Trace Heating – General and Testing Requirements (reaffirm a national adoption ANSI/UL 60079-30-1-2017)  
Public Review Date: May 28, 2021 | Final Action Date: Aug 11, 2021 | [Approved](#)
- ▶ ANSI/UL 60079-31-2015 (R2020), Standard for Safety for Explosive Atmospheres – Part 31: Equipment Dust Ignition Protection by Enclosure t (reaffirm a national adoption ANSI/UL 60079-31-2015)  
Public Review Date: May 29, 2020 | Final Action Date: Aug 13, 2020 | [Approved](#)
- ▶ ANSI/UL 60079-33-2021a, Standard for Safety for Explosive Atmospheres - Part 33: Equipment Protection by Special Protection s (national adoption of IEC 60079-33 with modifications and revision of ANSI/UL 60079-33-2021)  
Public Review Date: Aug 13, 2021 | Final Action Date: Oct 21, 2021 | [Approved](#)
- ▶ ANSI/UL 60079-46-2022, Recommended Practice for Explosive Atmospheres - Part 46: Equipment Assemblies (national adoption with modifications of IEC TS 60079-46)  
PINS Date: Apr 12, 2019 | Public Review Date: May 20, 2022 | Final Action Date: Jul 22, 2022 | [Approved](#)

**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 60079-47-2022, Standard for Safety for Explosive Atmospheres – Part 47: Equipment Protection by 2-Wire Intrinsically Safe Ethernet Concept (2-WISE) (national adoption with modifications of IEC TS 60079-47)  
PINS Date: Jun 18, 2021 | Public Review Date: Jan 28, 2022 | Final Action Date: Mar 15, 2022 | [Approved](#)
- ▶ ANSI/UL 60079-5-2016 (R2020), Standard for Safety for Explosive Atmospheres - Part 5: Equipment Protection by Powder Filling q (reaffirm a national adoption ANSI/UL 60079-5-2016)  
Public Review Date: Jun 5, 2020 | Final Action Date: Jul 31, 2020 | [Approved](#)
- ▶ ANSI/UL 60079-6-2016 (R2020), Standard for Safety for Explosive Atmospheres - Part 6: Equipment Protection by Liquid Immersion o (reaffirm a national adoption ANSI/UL 60079-6-2016)  
Public Review Date: Jun 5, 2020 | Final Action Date: Jul 31, 2020 | [Approved](#)
- ▶ ANSI/UL 60079-7-2017 (R2021), Standard for Safety for Explosive Atmospheres - Part 7: Equipment Protection by Increased Safety e (reaffirm a national adoption ANSI/UL 60079-7-2017)  
Public Review Date: Mar 19, 2021 | Final Action Date: Jun 3, 2021 | [Approved](#)
- ▶ ANSI/UL 603-2013 (R2018), Standard for Safety for Power Supplies for Use with Burglar-Alarm Systems (reaffirmation of ANSI/UL 603-2013)  
Public Review Date: May 11, 2018 | Final Action Date: Jul 6, 2018 | [Approved](#)
- ▶ ANSI/UL 60320-1-2019, Standard for Safety for Appliance Couplers for Household and Similar General Purposes - Part 1: General Requirements (national adoption of IEC 60320-1 with modifications and revision of ANSI/UL 60320-1-2011 (R2015))  
Public Review Date: Jun 8, 2018 | Final Action Date: Feb 15, 2019 | [Approved](#)
- ▶ ANSI/UL 60320-1-2020, Standard for Safety for Appliance Couplers for Household and Similar General Purposes – Part 1: General Requirements (national adoption of IEC 60320-1 with modifications and revision of ANSI/UL 60320-1-2019)  
Public Review Date: Sep 27, 2019 | Final Action Date: Feb 17, 2020 | [Approved](#)
- ▶ ANSI/UL 60320-1-2022, Appliance Couplers for Household and Similar General Purposes - Part 1: General Requirements (revision of ANSI/UL 60320-1-2020)  
Public Review Date: Nov 12, 2021 | Final Action Date: Mar 25, 2022 | [Approved](#)
- ▶ ANSI/UL 60320-3-2019, Standard for Appliance Couplers for Household and Similar General Purposes - Part 3: Standard Sheets and Guages (national adoption with modifications of IEC 60320-3)  
PINS Date: Jul 28, 2017 | Public Review Date: Jun 8, 2018 | Final Action Date: Feb 15, 2019 | [Approved](#)
- ▶ ANSI/UL 60320-3-2022, Appliance Couplers for Household and Similar General Purposes - Part 3: Standard Sheets and Gauges (revision of ANSI/UL 60320-3-2019)  
Public Review Date: Nov 12, 2021 | Final Action Date: Mar 25, 2022 | [Approved](#)
- ▶ ANSI/UL 60335-1-2016, Standard for Safety of Household and Similar Electrical Appliances, Part 1: General Requirements (identical national adoption of IEC 60335-1 and revision of ANSI/UL 60335-1-2011)  
Public Review Date: Feb 5, 2016 | Final Action Date: Oct 31, 2016 | [Approved](#)
- ▶ ANSI/UL 60335-1-2016a, Standard for Safety of Household and Similar Electrical Appliances, Part 1: General Requirements (national adoption of IEC 60335-1 with modifications and revision of ANSI/UL 60335-1-2011)  
Public Review Date: Jul 8, 2016 | Final Action Date: Oct 31, 2016 | [Approved](#)
- ▶ ANSI/UL 60335-2-1000-2017 (R2022), Standard for Safety for Household and Similar Electrical Appliances: Particular Requirements for Electrically Powered Pool Lifts (reaffirmation of ANSI/UL 60335-2-1000-2017)  
Public Review Date: Jul 29, 2022 | Final Action Date: Sep 13, 2022 | [Approved](#)

**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 60335-2-24-2019, Standard for Household and Similar Electrical Appliances - Safety - Part 2-24: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers (revision of ANSI/UL 60335-2-24-2017)  
Public Review Date: Feb 22, 2019 | Final Action Date: May 22, 2019 | [Approved](#)
- ▶ ANSI/UL 60335-2-24-2020, Standard for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers (national adoption of IEC 60335-2-24 with modifications and revision of ANSI/UL 60335-2-24-2019)  
Public Review Date: Oct 4, 2019 | Final Action Date: Feb 27, 2020 | [Approved](#)
- ▶ ANSI/UL 60335-2-24-2022, Standard for Household and similar electrical appliances – Safety – Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice-makers (identical national adoption of IEC 60335-2-24 and revision of ANSI/UL 60335-2-24-2020)  
Public Review Date: Mar 18, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)
- ▶ ANSI/UL 60335-2-29-2020, Standard for Safety for Household and Similar Electrical Appliances - Safety - Part 2-29: Particular Requirements for Battery Chargers (national adoption with modifications of IEC 60335-2-29)  
PINS Date: Aug 18, 2017 | Public Review Date: Mar 27, 2020 | Final Action Date: Oct 12, 2020 | [Approved](#)
- ▶ ANSI/UL 60335-2-3-2022, Standard for Safety of Household and Similar Electrical Appliances, Part 2: Particular Requirements for Electric Irons (February 25, 2022) (revision of ANSI/UL 60335-2-3-2016)  
Public Review Date: Feb 25, 2022 | Final Action Date: May 10, 2022 | [Approved](#)
- ▶ ANSI/UL 60335-2-34-2017, Standard for Safety of Household and Similar Electrical Appliances, Part 2: Particular Requirements for Motor-Compressors (national adoption of IEC 60335-2-34 with modifications and revision of ANSI/UL 60335-2-34-2013)  
Public Review Date: Mar 24, 2017 | Final Action Date: Nov 3, 2017 | [Approved](#)
- ▶ ANSI/UL 60335-2-34-2017a, Standard for Safety for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Motor-Compressors (revision of ANSI/UL 60335-2-34-2013)  
Public Review Date: Jul 7, 2017 | Final Action Date: Nov 3, 2017 | [Approved](#)
- ▶ ANSI/UL 60335-2-40-2019, Standard for Household and Similar Electrical Appliances - Safety - Part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers (national adoption of IEC 60335-2-40 with modifications and revision of ANSI/UL 60335-2-40-2017)  
Public Review Date: Jul 12, 2019 | Final Action Date: Nov 1, 2019 | [Approved](#)
- ▶ ANSI/UL 60335-2-40-2022, Standard for Household and Similar Electrical Appliances – Safety – Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers (identical national adoption of IEC 60335-2-40 and revision of ANSI/UL 60335-2-40-2019)  
Public Review Date: Jun 17, 2022 | Final Action Date: Dec 15, 2022 | [Approved](#)
- ▶ ANSI/UL 60335-2-52-2020, Standard for Safety for Household and Similar Electrical Appliances – Safety – Part 2-52: Particular Requirements for Oral Hygiene Appliances (national adoption with modifications of IEC 60335-2-52)  
PINS Date: Apr 26, 2019 | Public Review Date: Feb 7, 2020 | Final Action Date: Apr 24, 2020 | [Approved](#)
- ▶ ANSI/UL 60335-2-67-2017, Standard for Safety for Household and Similar Electrical Appliances - Safety - Part 2 -67: Particular Requirements for Floor Treatment Machines, for Commercial Use (new standard)  
PINS Date: Jan 1, 2016 | Public Review Date: Sep 1, 2017 | Final Action Date: Dec 22, 2017 | [Approved](#)
- ▶ ANSI/UL 60335-2-67-2021, Standard for Safety for Household and Similar Electrical Appliances - Safety - Part 2-67: Particular Requirements for Floor Treatment Machines, For Commercial Use (revision of ANSI/UL 60335-2-67-2017)  
Public Review Date: Oct 9, 2020 | Final Action Date: Jun 4, 2021 | [Approved](#)

**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 60335-2-68-2021, Standard for Household and Similar Electrical Appliances – Safety – Part 2-68: Particular Requirements for Spray Extraction Machines, for Commercial Use (July 30, 2021) (revision of ANSI/UL 60335-2-68 -2020)  
Public Review Date: Jul 30, 2021 | Final Action Date: Dec 3, 2021 | [Approved](#)
- ▶ ANSI/UL 60335-2-69-2022, Standard for Safety for Household and similar electrical appliances – Safety – Part 2-69: Particular requirements for wet and dry vacuum cleaners, including power brush, for commercial use (national adoption with modifications of IEC 60335-2-69)  
PINS Date: Nov 1, 2019 | Public Review Date: Oct 15, 2021 | Final Action Date: Mar 25, 2022 | [Approved](#)
- ▶ ANSI/UL 60335-2-72-2017, Standard for Safety for Household and Similar Electrical Appliances - Safety - Part 2-72: Particular Requirements for Floor Treatment Machines With or Without Traction Drive, for Commercial Use (national adoption with modifications of IEC 60335-2-72)  
PINS Date: Mar 15, 2013 | Public Review Date: May 26, 2017 | Final Action Date: Sep 15, 2017 | [Approved](#)
- ▶ ANSI/UL 60335-2-72-2017a, Standard for Safety for Household and Similar Electrical Appliances - Safety - Part 2-72: Particular Requirements for Floor Treatment Machines With or Without Traction Drive, for Commercial Use (national adoption with modifications of IEC 60335-2-72)  
PINS Date: Mar 15, 2013 | Public Review Date: Dec 30, 2016 | Final Action Date: Sep 15, 2017 | [Approved](#)
- ▶ ANSI/UL 60335-2-72-2019, Standard for Safety for Household and Similar Electrical Appliances - Safety - Part 2-72: Particular Requirements for Floor Treatment Machines With or Without Traction Drive, for Commercial Use (revision of ANSI/UL 60335-2-72-2017)  
Public Review Date: Jul 19, 2019 | Final Action Date: Nov 8, 2019 | [Approved](#)
- ▶ ANSI/UL 60335-2-72-2021, Standard for Safety for Household and Similar Electrical Appliances-Safety-Part 2-72: Particular Requirements for Floor Treatment Machines With or Without Traction Drive, for Commercial Use. (revision of ANSI/UL 60335-2-72-2019)  
Public Review Date: Oct 23, 2020 | Final Action Date: Jun 4, 2021 | [Approved](#)
- ▶ ANSI/UL 60335-2-8-2018, Standard for Safety for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances (proposal dated 4-6-18) (national adoption of IEC 60335-2-8 with modifications and revision of ANSI/UL 60335-2-8-2012)  
Public Review Date: Apr 6, 2018 | Final Action Date: Jun 14, 2018 | [Approved](#)
- ▶ ANSI/UL 60335-2-8-2018a, Standard for Safety for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances (national adoption of IEC 60335-2-8 with modifications and revision of ANSI/UL 60335-2-8-2018)  
Public Review Date: Aug 17, 2018 | Final Action Date: Oct 3, 2018 | [Approved](#)
- ▶ ANSI/UL 60335-2-8-2021, Standard for Safety for Household & Similar Electrical Appliances, Part 2: Particular Requirements for Shavers, Hair Clippers & Similar Appliances (revision of ANSI/UL 60335-2-8-2018)  
Public Review Date: Apr 23, 2021 | Final Action Date: Jun 29, 2021 | [Approved](#)
- ▶ ANSI/UL 60335-2-89-2017a, Standard for Safety for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Commercial Refrigerating Appliances with an Incorporated or Remote Refrigerant Unit or Compressor (national adoption with modifications of IEC 60335-2-89)  
PINS Date: Dec 2, 2016 | Public Review Date: Feb 24, 2017 | Final Action Date: Sep 29, 2017 | [Approved](#)
- ▶ ANSI/UL 60335-2-89-2021, Standard for Household and Similar Electrical Appliances - Safety - Part 2-89: Particular Requirements for Commercial Refrigerating Appliances with an Incorporated or Remote Refrigerant Unit or Compressor (national adoption of IEC 60335-2-89 with modifications and revision of ANSI/UL 60335-2-89-2017)  
Public Review Date: Apr 30, 2021 | Final Action Date: Oct 27, 2021 | [Approved](#)

**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 60384-14-2016a, Standard for Safety for Fixed Capacitors for Use in Electronic Equipment - Part 14: Sectional Specification: Fixed Capacitors for Electromagnetic Interference Suppression and Connection to the Supply Mains (national adoption of IEC 60384-14 with modifications and revision of ANSI/UL 60384-14-2014)  
Public Review Date: Oct 14, 2016 | Final Action Date: Dec 5, 2016 | [Approved](#)
- ▶ ANSI/UL 60384-14-2017, Standard for Safety for Fixed Capacitors for Use in Electronic Equipment - Part 14: Sectional Specification: Fixed Capacitors for Electromagnetic Interference Suppression and Connection to the Supply Mains (national adoption of IEC 60384-14 with modifications and revision of ANSI/UL 60384-14-2016a)  
Public Review Date: Apr 28, 2017 | Final Action Date: Jun 1, 2017 | [Approved](#)
- ▶ ANSI/UL 60691-2016, Standard for Safety for Thermal-Links - Requirements and Application Guide (revision of ANSI/UL 60691-2011)  
Public Review Date: Mar 4, 2016 | Final Action Date: Jun 30, 2016 | [Approved](#)
- ▶ ANSI/UL 60691-2019, Standard for Thermal-Links - Requirements and Application Guide (identical national adoption of IEC 60691 and revision of ANSI/UL 60691-2016)  
Public Review Date: Jun 28, 2019 | Final Action Date: Oct 18, 2019 | [Approved](#)
- ▶ ANSI/UL 60730-1-2021, Standard for Automatic Electrical Controls - Part 1: General Requirements (identical national adoption of IEC 60730-1 and revision of ANSI/UL 60730-1-2016)  
Public Review Date: Aug 13, 2021 | Final Action Date: Oct 18, 2021 | [Approved](#)
- ▶ ANSI/UL 60730-2-10-2013 (R2022), Standard for Automatic Electrical Controls for Household and Similar Use; Part 2: Particular Requirements for Motor Starting Relays (reaffirmation of ANSI/UL 60730-2-10-2013 (R2018))  
Public Review Date: Apr 15, 2022 | Final Action Date: Jun 29, 2022 | [Approved](#)
- ▶ ANSI/UL 60730-2-11-2013 (R2018), Automatic Electrical Controls for Household and Similar Use; Part 2: Particular Requirements for Energy Regulators (reaffirm a national adoption ANSI/UL 60730-2-11-2013)  
Public Review Date: Nov 17, 2017 | Final Action Date: Jan 24, 2018 | [Approved](#)
- ▶ ANSI/UL 60730-2-12-2017 (R2022), Standard for Automatic Electrical Controls - Part 2-12: Particular Requirements for Electrically Operated Door Locks (reaffirmation of ANSI/UL 60730-2-12-2017)  
Public Review Date: Apr 15, 2022 | Final Action Date: Jun 9, 2022 | [Approved](#)
- ▶ ANSI/UL 60730-2-13-2019, Standard for Automatic Electrical Controls – Part 2-13: Particular Requirements for Humidity Sensing Controls (national adoption of IEC 60730-2-13 with modifications and revision of ANSI/UL 60730-2-13-2014)  
Public Review Date: Nov 23, 2018 | Final Action Date: Feb 15, 2019 | [Approved](#)
- ▶ ANSI/UL 60730-2-14-2021, Standard for AUTOMATIC ELECTRICAL CONTROLS – Part 2-14: Particular requirements for Electric Actuators (national adoption of IEC 60730-2-14 with modifications and revision of ANSI/UL 60730-2-14-2018)  
Public Review Date: Aug 27, 2021 | Final Action Date: Nov 30, 2021 | [Approved](#)
- ▶ ANSI/UL 60730-2-15-2019, Standard for Automatic electrical controls - Part 2-15: Particular requirements for automatic electrical air flow, water flow and water level sensing controls (identical national adoption of IEC 60730-2-15 and revision of ANSI/UL 60730-2-15-2014)  
Public Review Date: Jun 28, 2019 | Final Action Date: Nov 6, 2019 | [Approved](#)
- ▶ ANSI/UL 60730-2-22-2017, Standard for Automatic Electrical Controls - Part 2-22: Particular Requirements for Thermal Motor Protectors (identical national adoption of IEC 60730-2-22)  
PINS Date: Dec 2, 2016 | Public Review Date: Jan 20, 2017 | Final Action Date: Apr 7, 2017 | [Approved](#)
- ▶ ANSI/UL 60730-2-22-2020, Standard for Automatic Electrical Controls - Part 2-22: Particular Requirements for Thermal Motor Protectors (identical national adoption of IEC 60730-2-22 and revision of ANSI/UL 60730-2-22-2017)  
Public Review Date: Jun 21, 2019 | Final Action Date: Jan 7, 2020 | [Approved](#)

**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 60730-2-3-2013 (R2022), Standard for Safety for Automatic Electrical Controls for Household and Similar Use; Part 2: Particular Requirements for Thermal Protectors for Ballasts for Tubular Fluorescent Lamps (reaffirmation of ANSI/UL 60730-2-3-2013 (R2017))  
Public Review Date: Apr 15, 2022 | Final Action Date: Jul 15, 2022 | [Approved](#)

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- ▶ ANSI/UL 60730-2-5-2022, Standard for Automatic electrical controls – Part 2-5: Particular requirements for automatic electrical burner control systems (identical national adoption of IEC 60730-2-5 and revision of ANSI/UL 60730-2-5 -2014)  
Public Review Date: Feb 18, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)

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- ▶ ANSI/UL 60730-2-6-2021, Standard for Automatic electrical controls – Part 2-6: Particular requirements for automatic electrical pressure sensing controls including mechanical requirements (national adoption of IEC 60730-2-6 with modifications and revision of ANSI/UL 60730-2-6-2016)  
Public Review Date: Aug 27, 2021 | Final Action Date: Nov 30, 2021 | [Approved](#)

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- ▶ ANSI/UL 60730-2-7-2020, Standard for Automatic Electrical Controls for Household and Similar Use; Part 2: Particular Requirements for Timers and Time Switches (identical national adoption of IEC 60730-2-7 and revision of ANSI/UL 60730-2-7-2014)  
Public Review Date: Jul 10, 2020 | Final Action Date: Oct 29, 2020 | [Approved](#)

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- ▶ ANSI/UL 60730-2-8-2017, Automatic Electrical Controls for Household and Similar Use; Part 2: Particular Requirements for Electrically Operated Water Valves, Including Mechanical Requirements (national adoption of IEC 60730-2-8 with modifications and revision of ANSI/UL 60730-2-8-2007 (R2012))  
Public Review Date: Feb 3, 2017 | Final Action Date: May 10, 2017 | [Approved](#)

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- ▶ ANSI/UL 60730-2-9-2017, Automatic Electrical Controls - Part 2-9: Particular Requirements for Temperature Sensing Controls (national adoption of IEC 60730-2-9 with modifications and revision of ANSI/UL 60730-2-9-2013)  
Public Review Date: Dec 2, 2016 | Final Action Date: Feb 14, 2017 | [Approved](#)

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- ▶ ANSI/UL 60730-2-9-2020, Standard for Automatic electrical controls – Part 2-9: Particular requirements for temperature sensing controls (revision of ANSI/UL 60730-2-9-2017)  
Public Review Date: Mar 6, 2020 | Final Action Date: May 26, 2020 | [Approved](#)

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- ▶ ANSI/UL 60730-2-9-2021, Standard for Automatic Electrical Controls – Part 2-9: Particular requirements for temperature sensing controls (identical national adoption of IEC 60730-2-9 and revision of ANSI/UL 60730-2-9-2020)  
Public Review Date: May 28, 2021 | Final Action Date: Aug 9, 2021 | [Approved](#)

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- ▶ ANSI/UL 60745-1-2019, Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 1: General Requirements (national adoption of IEC 60745-1 with modifications and revision of ANSI/UL 60745-1-2013)  
Public Review Date: Sep 28, 2018 | Final Action Date: Jan 28, 2019 | [Approved](#)

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- ▶ ANSI/UL 60745-1-2020, Standard for Safety for Hand-Held Motor-Operated Electric Tools (revision of ANSI/UL 60745 -1-2019)  
Public Review Date: Jan 24, 2020 | Final Action Date: Apr 30, 2020 | [Approved](#)

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- ▶ ANSI/UL 60745-1-2022, Standard for Safety Hand-Held Motor-Operated Electric Tools – Part 1: General Requirements (revision of ANSI/UL 60745-1-2020)  
Public Review Date: Feb 4, 2022 | Final Action Date: Jun 10, 2022 | [Approved](#)

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- ▶ ANSI/UL 60745-2-1-2011 (R2022), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2 -1: Particular Requirements for Drills and Impact Drills (reaffirmation of ANSI/UL 60745-2-1-2011 (R2016))  
Public Review Date: Nov 12, 2021 | Final Action Date: Jan 7, 2022 | [Approved](#)

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- ▶ ANSI/UL 60745-2-11-2009 (R2019), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2 -11: Particular Requirements for Reciprocating Saws, (Jig and Sabre Saws) (reaffirm a national adoption ANSI/UL 60745-2-11-2009 (R2014))  
Public Review Date: Jun 28, 2019 | Final Action Date: Sep 4, 2019 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 60745-2-12-2008 (R2019), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2: Particular Requirements for Concrete Vibrators (reaffirm a national adoption ANSI/UL 60745-2-12-2008 (R2013))  
Public Review Date: Jan 25, 2019 | Final Action Date: Apr 9, 2019 | [Approved](#)

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- ▶ ANSI/UL 60745-2-13-2022, UL Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-13: Particular Requirements for Chain Saws (revision of ANSI/UL 60745-2-13-2017)  
Public Review Date: Feb 25, 2022 | Final Action Date: Jun 10, 2022 | [Approved](#)

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- ▶ ANSI/UL 60745-2-14-2011 (R2020), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-14: Particular Requirements for Planers (reaffirm a national adoption ANSI/UL 60745-2-14-2011 (R2015))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 17, 2020 | [Approved](#)

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- ▶ ANSI/UL 60745-2-15-2016, Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-15: Particular Requirements for Hedge Trimmers (revision of ANSI/UL 60745-2-15-2013)  
Public Review Date: May 8, 2015 | Final Action Date: Mar 24, 2016 | [Approved](#)

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- ▶ ANSI/UL 60745-2-15-2016a, Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-15: Particular Requirements for Hedge Trimmers (Proposal dated 05-08-2015) (revision of ANSI/UL 60745-2-15-2013)  
Public Review Date: Sep 25, 2015 | Final Action Date: Mar 24, 2016 | [Approved](#)

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- ▶ ANSI/UL 60745-2-15-2017, Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-15: Particular Requirements for Hedge Trimmers (revision of ANSI/UL 60745-2-15-2010a)  
Public Review Date: Jan 20, 2017 | Final Action Date: Apr 28, 2017 | [Approved](#)

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- ▶ ANSI/UL 60745-2-15-2018, Standard for Safety for Hand-Held Motor-Operated Electric Tools Safety Part 2-15: Particular Requirements for Hedge Trimmers (national adoption of IEC 60745-2-15 with modifications and revision of ANSI/UL 60745-2-15-2017)  
Public Review Date: Apr 13, 2018 | Final Action Date: Jun 22, 2018 | [Approved](#)

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- ▶ ANSI/UL 60745-2-16-2018, Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-16: Particular Requirements for Tackers (revision of ANSI/UL 60745-2-16-2009 (R2015))  
Public Review Date: May 18, 2018 | Final Action Date: Jul 27, 2018 | [Approved](#)

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- ▶ ANSI/UL 60745-2-17-2011 (R2020), Hand-Held Motor-Operated Electric Tools - Safety - Part 2-17: Particular Requirements for Routers and Trimmers (reaffirmation of ANSI/UL 60745-2-17-2011 (R2015))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 4, 2020 | [Approved](#)

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- ▶ ANSI/UL 60745-2-18-2009 (R2019), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-18: Particular Requirements For Strapping Tools (reaffirm a national adoption ANSI/UL 60745-2-18-2009 (R2014))  
Public Review Date: Apr 5, 2019 | Final Action Date: Jun 11, 2019 | [Approved](#)

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- ▶ ANSI/UL 60745-2-19-2011 (R2020), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-19: Particular Requirements For Jointers (reaffirmation of ANSI/UL 60745-2-19-2011 (R2015))  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 4, 2020 | [Approved](#)

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- ▶ ANSI/UL 60745-2-2-2014 (R2019), Standard for Safety for Hand-Held Motor-Operated Electric Tools – Safety – Part 2-2: Particular Requirements for Screwdrivers and Impact Wrenches (reaffirm a national adoption ANSI/UL 60745-2-2-2014)  
Public Review Date: Sep 13, 2019 | Final Action Date: Nov 25, 2019 | [Approved](#)

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- ▶ ANSI/UL 60745-2-20-2019, Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-20: Particular Requirements For Band Saws (identical national adoption of IEC 60745-2-20)  
Public Review Date: Apr 5, 2019 | Final Action Date: Jun 11, 2019 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 60745-2-21-2009 (R2019), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2 -21: Particular Requirements For Drain Cleaners (reaffirm a national adoption ANSI/UL 60745-2-21-2009 (R2014))  
Public Review Date: Jun 28, 2019 | Final Action Date: Sep 4, 2019 | [Approved](#)

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- ▶ ANSI/UL 60745-2-22-2014 (R2019), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2 -22: Particular Requirements For Cut-Off Machines (reaffirm a national adoption ANSI/UL 60745-2-22-2014)  
Public Review Date: Apr 5, 2019 | Final Action Date: Jun 11, 2019 | [Approved](#)

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- ▶ ANSI/UL 60745-2-23-2015 (R2020), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2 -23: Particular Requirements for Die Grinders and Small Rotary Tools (reaffirmation of ANSI/UL 60745-2-23-2015)  
Public Review Date: Mar 27, 2020 | Final Action Date: Jun 4, 2020 | [Approved](#)

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- ▶ ANSI/UL 60745-2-3-2022, UL Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-3: Particular Requirements for Grinders, Polishers, and Disk-Type Sanders, (revision of ANSI/UL 60745-2-3-2013 (R2018))  
Public Review Date: Aug 12, 2022 | Final Action Date: Nov 18, 2022 | [Approved](#)

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- ▶ ANSI/UL 60745-2-4-2009 (R2018), Hand-Held Motor-Operated Electric Tools - Safety - Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type (reaffirmation of ANSI/UL 60745-2-4-2009 (R2014))  
Public Review Date: Sep 7, 2018 | Final Action Date: Nov 7, 2018 | [Approved](#)

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- ▶ ANSI/UL 60745-2-5-2012 (R2022), Standard For Safety For Hand-Held Motor-Operated Electric Tools - Safety - Part 2 -5: Particular Requirements for Circular Saws (reaffirmation of ANSI/UL 60745-2-5-2012 (R2017))  
Public Review Date: May 13, 2022 | Final Action Date: Jul 5, 2022 | [Approved](#)

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- ▶ ANSI/UL 60745-2-6-2009 (R2018), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2 -6: Particular Requirements for Hammers (reaffirm a national adoption ANSI/UL 60745-2-6-2009 (R2014))  
Public Review Date: Sep 7, 2018 | Final Action Date: Nov 7, 2018 | [Approved](#)

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- ▶ ANSI/UL 60745-2-8-2009 (R2018), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2 -8: Particular Requirements for Shears and Nibblers (reaffirm a national adoption ANSI/UL 60745-2-8-2009 (R2014))  
Public Review Date: Sep 7, 2018 | Final Action Date: Nov 7, 2018 | [Approved](#)

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- ▶ ANSI/UL 60745-2-9-2009 (R2019), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2 -9: Particular Requirements for Tappers (revision of ANSI/UL 60745-2-9-2009 (R2014))  
Public Review Date: Feb 22, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/UL 608-2012 (R2022), Standard for Burglary Resistant Vault Doors and Modular Panels (reaffirmation of ANSI/UL 608-2012 (R2017))  
Public Review Date: Jan 7, 2022 | Final Action Date: Mar 7, 2022 | [Approved](#)

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- ▶ ANSI/UL 609-2018, Standard For Local Burglar Alarm Units And Systems (revision of ANSI/UL 609-2015)  
Public Review Date: Oct 23, 2015 | Final Action Date: Mar 9, 2018 | [Approved](#)

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- ▶ ANSI/UL 60939-3-2017 (R2022), Standard for Passive filter units for electromagnetic interference suppression - Part 3: Passive filter units for which safety tests are appropriate (reaffirm a national adoption ANSI/UL 60939-3-2017)  
Public Review Date: May 13, 2022 | Final Action Date: Jul 25, 2022 | [Approved](#)

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- ▶ ANSI/UL 60947-1-2022, Standard for safety for Low-Voltage Switchgear and Controlgear – Part 1: General Rules (national adoption of IEC 60947-1 with modifications and revision of ANSI/UL 60947-1-2013 (R2019))  
Public Review Date: Sep 10, 2021 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ ANSI/UL 60947-4-1-2017, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 4-1: Contactors and Motor-Starters - Electromechanical Contactors and Motor-Starters (national adoption of IEC 60947-4-1 with modifications and revision of ANSI/UL 60947-4-1-2014)  
Public Review Date: Aug 25, 2017 | Final Action Date: Oct 17, 2017 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 60947-4-1-2022, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 4-1: Contactors and Motor-Starters - Electromechanical Contactors and Motor-Starters (national adoption of IEC 60947-4-1 with modifications and revision of ANSI/UL 60947-4-1-2017)

Public Review Date: Sep 10, 2021 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ ANSI/UL 60947-4-2-2022, Standard for safety for Low-Voltage Switchgear and Controlgear - Part 4-2: Contactors and Motor-Starters - AC Semiconductor Motor Controllers and Starters (national adoption of IEC 60947-4-2 with modifications and revision of ANSI/UL 60947-4-2-2014)

Public Review Date: Sep 10, 2021 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ ANSI/UL 60947-5-1-2022, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 5-1: ControlCircuit Devices and Switching Elements - Electromechanical Control Circuit Devices (national adoption of IEC 60947-5-1 with modifications and revision of ANSI/UL 60947-5-1-2014)

Public Review Date: Aug 13, 2021 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ ANSI/UL 60947-5-2-2022, Standard For Safety For Low-voltage Switchgear and Controlgear - Part 5-2: Control Circuit Devices and Switching Elements - Proximity Switches (national adoption of IEC 60947-5-2 with modifications and revision of ANSI/UL 60947-5-2-2014)

Public Review Date: Aug 13, 2021 | Final Action Date: Mar 31, 2022 | [Approved](#)

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- ▶ ANSI/UL 60947-5-5-2019, Standard for Safety for Low-voltage Switchgear and Controlgear – Part 5-5: Control Circuit Devices and Switching Elements – Electrical (identical national adoption of IEC 60947-5-5 and revision of ANSI/UL 60947-5-5-2017)

Public Review Date: May 24, 2019 | Final Action Date: Sep 13, 2019 | [Approved](#)

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- ▶ ANSI/UL 60947-7-1-2017 (R2021), Standard for Safety for Low-Voltage Switchgear And Controlgear - Part 7-1: Ancillary Equipment - Terminal Blocks for Copper Conductors (reaffirmation of ANSI/UL 60947-7-1-2017)

Public Review Date: Feb 12, 2021 | Final Action Date: Mar 31, 2021 | [Approved](#)

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- ▶ ANSI/UL 60947-7-2-2017 (R2021), Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 7-2: Ancillary Equipment - Protective Conductor Terminal Blocks for Copper Conductors (reaffirmation of ANSI/UL 60947-7-2-2017)

Public Review Date: Feb 12, 2021 | Final Action Date: Mar 31, 2021 | [Approved](#)

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- ▶ ANSI/UL 60947-7-3-2017 (R2021), Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 7-3: Ancillary Equipment - Safety Requirements for Fuse Terminal Blocks (reaffirmation of ANSI/UL 60947-7-3-2017)

Public Review Date: Feb 12, 2021 | Final Action Date: Mar 31, 2021 | [Approved](#)

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- ▶ ANSI/UL 60947-7-4-2018 (R2022), Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 7-4: Ancillary Equipment-PCB Terminal Blocks for Copper Conductors (reaffirmation of ANSI/UL 60947-7-4-2018)

Public Review Date: May 20, 2022 | Final Action Date: Jul 18, 2022 | [Approved](#)

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- ▶ ANSI/UL 60950-1-2014 (R2019), Standard for Safety for Information Technology Equipment - Safety - Part 1: General Requirements (reaffirmation of ANSI/UL 60950-1-2014)

Public Review Date: Feb 22, 2019 | Final Action Date: May 9, 2019 | [Approved](#)

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- ▶ ANSI/UL 60950-21-2007 (R2022), Standard for Safety for Information Technology Equipment - Safety - Part 21: Remote Power Feeding (reaffirmation of ANSI/UL 60950-21-2007 (R2016))

Public Review Date: Jul 2, 2021 | Final Action Date: Jun 6, 2022 | [Approved](#)

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- ▶ ANSI/UL 60950-22-2017 (R2022), Standard for Safety for Information Technology Equipment - Safety - Part 22: Equipment to be Installed Outdoors (reaffirmation of ANSI/UL 60950-22-2017)

Public Review Date: Mar 25, 2022 | Final Action Date: Jun 6, 2022 | [Approved](#)

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- ▶ ANSI/UL 60950-23-2016 (R2022), Standard for Safety for Information Technology Equipment - Safety - Part 23: Large Data Storage Equipment (reaffirmation of ANSI/UL 60950-23-2007 (R2016))

Public Review Date: Jul 2, 2021 | Final Action Date: Jun 6, 2022 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 61010-031-2017, Standard for Safety for Safety Requirements for Measurement, Control, and Laboratory Use - Part 031: Safety Requirements for Hand-Held Probe Assemblies for Electrical Measurement and Test (Proposal dated 09-30-16) (national adoption with modifications of IEC 61010-031)  
Public Review Date: Sep 30, 2016 | Final Action Date: Jan 27, 2017 | [Approved](#)

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- ▶ ANSI/UL 61010-031-2020, Standard for Safety for Electrical Equipment for Measurement, Control and Laboratory Use - Part 031: Safety Requirements for Hand-Held and Hand-Manipulated Probe Assemblies for Electrical Test and Measurement (revision of ANSI/UL 61010-031-2017)  
Public Review Date: Aug 16, 2019 | Final Action Date: Jan 7, 2020 | [Approved](#)

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- ▶ ANSI/UL 61010-1-2015, Standard for Safety for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements (Ballot dated 10-31-14) (national adoption of IEC 61010-1 with modifications and revision of ANSI/UL 61010-1-2012)  
Public Review Date: Oct 31, 2014 | Final Action Date: Jul 15, 2015 | [Approved](#)

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- ▶ ANSI/UL 61010-1-2016, Standard for Safety for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements (Proposal dated 11-27-15) (national adoption of IEC 61010-1 with modifications and revision of ANSI/UL 61010-1-2015)  
Public Review Date: Nov 27, 2015 | Final Action Date: Apr 29, 2016 | [Approved](#)

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- ▶ ANSI/UL 61010-1-2018, Standard for Safety for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements (national adoption of IEC 61010-1 with modifications and revision of ANSI/UL 61010-1-2016)  
Public Review Date: May 18, 2018 | Final Action Date: Nov 16, 2018 | [Approved](#)

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- ▶ ANSI/UL 61010-2-010-2015, Standard for Safety for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 010: Particular Requirements for Laboratory Equipment for Heating of Materials (identical national adoption of IEC 61010-2-010)  
PINS Date: Feb 7, 2014 | Public Review Date: Nov 7, 2014 | Final Action Date: Jan 15, 2015 | [Approved](#)

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- ▶ ANSI/UL 61010-2-010-2019, Safety for Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 2-010: Particular Requirements for Laboratory Equipment for the Heating of Materials (identical national adoption of IEC 61010-2-010 and revision of ANSI/UL 61010-2-010-2015)  
Public Review Date: Mar 29, 2019 | Final Action Date: Jun 18, 2019 | [Approved](#)

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- ▶ ANSI/UL 61010-2-011-2021, Standard for Safety for Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 011: Particular Requirements for Refrigerating Equipment (national adoption of IEC 61010-2-011 with modifications and revision of ANSI/UL 61010-2-011-2017)  
Public Review Date: Oct 30, 2020 | Final Action Date: May 13, 2021 | [Approved](#)

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- ▶ ANSI/UL 61010-2-020-2016 (R2022), Standard for Safety for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-020: Particular Requirements for Laboratory Centrifuges (reaffirmation of ANSI/UL 61010-2-020-2016)  
Public Review Date: Dec 17, 2021 | Final Action Date: Feb 4, 2022 | [Approved](#)

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- ▶ ANSI/UL 61010-2-030-2018, Standard for Safety for Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-030: Particular Requirements for Equipment Having Testing or Measuring Circuits (national adoption of IEC 61010-2-030 with modifications and revision of ANSI/UL 61010-2-030-2012 (R2016))  
Public Review Date: Aug 31, 2018 | Final Action Date: Dec 21, 2018 | [Approved](#)

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- ▶ ANSI/UL 61010-2-032-2020, Standard for Safety for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-032: Particular Requirements for Hand-Held and Hand Manipulated Current Sensors for Electrical Test and Measurement (identical national adoption of IEC 61010-2-032 and revision of ANSI/UL 61010-2-032-2014 (R2018))  
Public Review Date: Aug 30, 2019 | Final Action Date: Jan 10, 2020 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 61010-2-033-2020, Standard for Safety for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-033: Particular Requirements for Hand-Held Multimeters for Domestic and Professional Use, Capable of measuring MAINS Voltage. (identical national adoption of IEC 61010-2-033 and revision of ANSI/UL 61010-2-033-2014 (R2018))

Public Review Date: Aug 30, 2019 | Final Action Date: Jan 10, 2020 | [Approved](#)

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- ▶ ANSI/UL 61010-2-034-2020, Standard for Safety for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-034: Particular Requirements for Measurement Equipment for Insulation Resistance and Test Equipment for Electric Strength (national adoption with modifications of IEC 61010-2-034)

Public Review Date: Sep 13, 2019 | Final Action Date: Jan 10, 2020 | [Approved](#)

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- ▶ ANSI/UL 61010-2-040-2021, Standard for Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-040: Particular Requirements for Sterilizers and Washer-Disinfectors Used to Treat Medical Materials (identical national adoption of IEC 61010-2-040 and revision of ANSI/UL 61010-2-040-2016)

Public Review Date: Oct 23, 2020 | Final Action Date: Feb 17, 2021 | [Approved](#)

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- ▶ ANSI/UL 61010-2-051-2015, Standard for Safety for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 051: Particular Requirements for Laboratory Equipment for Mixing and Stirring (identical national adoption of IEC 61010-2-051)

PINS Date: Feb 7, 2014 | Public Review Date: Jun 5, 2015 | Final Action Date: Jul 31, 2015 | [Approved](#)

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- ▶ ANSI/UL 61010-2-051-2019, Standard for Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 2-051: Particular Requirements for Laboratory Equipment for Mixing and Stirring (identical national adoption of IEC 61010-2-051 and revision of ANSI/UL 61010-2-051-2015)

Public Review Date: Apr 5, 2019 | Final Action Date: Jun 18, 2019 | [Approved](#)

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- ▶ ANSI/UL 61010-2-061-2015, Standard for Safety for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-061: Particular Requirements for Laboratory Atomic Spectrometers with Thermal Atomization and Ionization (identical national adoption of IEC 61010-2-061)

PINS Date: Feb 7, 2014 | Public Review Date: Jun 5, 2015 | Final Action Date: Jul 31, 2015 | [Approved](#)

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- ▶ ANSI/UL 61010-2-061-2019, Standard for Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 2-061: Particular Requirements for Laboratory Atomic Spectrometers with Thermal Atomization and Ionization (identical national adoption of IEC 61010-2-061 and revision of ANSI/UL 61010-2-061-2015)

Public Review Date: Apr 5, 2019 | Final Action Date: Jun 18, 2019 | [Approved](#)

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- ▶ ANSI/UL 61010-2-081-2019, Standard for Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 2-081: Particular Requirements for Automatic and Semi-Automatic Laboratory Equipment for Analysis and Other Purposes (identical national adoption of IEC 61010-2-081 and revision of ANSI/UL 61010-2-081-2015)

Public Review Date: May 3, 2019 | Final Action Date: Jul 31, 2019 | [Approved](#)

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- ▶ ANSI/UL 61010-2-091-2019, Standard for Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 2-091: Particular Requirements for Cabinet X-Ray Systems (identical national adoption of IEC 61010-2-091 and revision of ANSI/UL 61010-2-091-2014 (R2018))

Public Review Date: May 3, 2019 | Final Action Date: Jul 31, 2019 | [Approved](#)

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- ▶ ANSI/UL 61010-2-101-2019, Standard for Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 2-101: Particular Requirements for In Vitro Diagnostic (IVD) Medical Equipment (identical national adoption of IEC 61010-2-101 and revision of ANSI/UL 61010-2-101-2015)

Public Review Date: May 3, 2019 | Final Action Date: Jul 31, 2019 | [Approved](#)

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- ▶ ANSI/UL 61010-2-201-2018 (R2022), Standard for Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-201: Particular Requirements for Control Equipment (reaffirmation of ANSI/UL 61010-2-201-2018, ANSI/UL 61010-2-201-2018a)

Public Review Date: Jun 10, 2022 | Final Action Date: Aug 8, 2022 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 61058-1-1-2017, Standard for Safety for Switches for Appliances - Part 1-1: Requirements for Mechanical Switches (national adoption with modifications of IEC 61058-1-1)  
PINS Date: Sep 2, 2016 | Public Review Date: Jun 23, 2017 | Final Action Date: Nov 3, 2017 | [Approved](#)

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- ▶ ANSI/UL 61058-1-2-2017, Standard for Safety for Switches for Appliances - Part 1-2: Requirements for Electronic Switches (national adoption with modifications of IEC 61058-1-2)  
PINS Date: Sep 2, 2016 | Public Review Date: Jun 23, 2017 | Final Action Date: Nov 3, 2017 | [Approved](#)

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- ▶ ANSI/UL 61058-1-2017, Standard for Safety for Switches for Appliances - Part 1: General Requirements (national adoption of IEC 61058-1 with modifications and revision of ANSI/UL 61058-1-2013)  
Public Review Date: Jun 23, 2017 | Final Action Date: Nov 3, 2017 | [Approved](#)

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- ▶ ANSI/UL 61058-1-2017a, Standard for Safety for Switches for Appliances - Part 1: General Requirements (national adoption of IEC 61058-1 with modifications and revision of ANSI/UL 61058-1-2013)  
Public Review Date: Sep 29, 2017 | Final Action Date: Nov 3, 2017 | [Approved](#)

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- ▶ ANSI/UL 61058-1-2021, Standard for Switches for Appliances – Part 1: General Requirements (revision of ANSI/UL 61058-1-2017)  
Public Review Date: Mar 12, 2021 | Final Action Date: May 3, 2021 | [Approved](#)

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- ▶ ANSI/UL 61058-2-1-2022, Standard for Switches for Appliances – Part 2: Particular Requirements for Cord Switches (identical national adoption of IEC 61058-2-1)  
Public Review Date: Jan 21, 2022 | Final Action Date: May 31, 2022 | [Approved](#)

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- ▶ ANSI/UL 61058-2-5-2020, Standard for switches for appliances - Part 2-5: particular requirements for change-over selectors (national adoption with modifications of IEC 61058-2-5)  
PINS Date: Mar 29, 2019 | Public Review Date: Jun 21, 2019 | Final Action Date: Mar 31, 2020 | [Approved](#)

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- ▶ ANSI/UL 61058-2-6-2020, Standard for Switches for appliances - Part 2-6: Particular requirements for switches used in electric motor operated hand-held tools, transportable tools and lawn and garden machinery (national adoption with modifications of IEC 61058-2-6)  
PINS Date: Mar 29, 2019 | Public Review Date: Jun 21, 2019 | Final Action Date: Mar 31, 2020 | [Approved](#)

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- ▶ ANSI/UL 61131-2-2008 (R2021), Standard for Safety for Programmable Controllers – Part 2: Equipment Requirements and Tests (reaffirmation of ANSI/UL 61131-2-2008 (R2017))  
Public Review Date: Apr 9, 2021 | Final Action Date: Jun 10, 2021 | [Approved](#)

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- ▶ ANSI/UL 61215-1-1-2017, Standard for Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules (identical national adoption of IEC 61215-1-1)  
PINS Date: Sep 2, 2016 | Public Review Date: Nov 4, 2016 | Final Action Date: Feb 28, 2017 | [Approved](#)

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- ▶ ANSI/UL 61215-1-1-2021, Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-1: Special requirements for testing of crystalline silicon photovoltaic (PV) modules (identical national adoption of IEC 61215-1-1 and revision of ANSI/UL 61215-1-1-2017)  
Public Review Date: May 21, 2021 | Final Action Date: Jul 7, 2021 | [Approved](#)

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- ▶ ANSI/UL 61215-1-2-2018, Standard for Safety for Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-2: Special requirements for testing of thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules (national adoption with modifications of IEC 61215-1-2)  
PINS Date: Feb 10, 2017 | Public Review Date: Jan 26, 2018 | Final Action Date: Apr 3, 2018 | [Approved](#)

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- ▶ ANSI/UL 61215-1-2-2021, Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Design qualification and type approval – Part 1-2: Special requirements for testing of thin-film Cadmium Telluride (CdTe) based photovoltaic (PV) modules (identical national adoption of IEC 61215-1-2 and revision of ANSI/UL 61215-1-2-2018)  
Public Review Date: May 21, 2021 | Final Action Date: Jul 7, 2021 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 61215-1-2017, Standard for Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1: Test requirements (identical national adoption of IEC 61215-1)  
PINS Date: Sep 2, 2016 | Public Review Date: Nov 4, 2016 | Final Action Date: Feb 28, 2017 | [Approved](#)

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- ▶ ANSI/UL 61215-1-2021, Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval - Part 1: Test Requirements (identical national adoption of IEC 61215-1 and revision of ANSI/UL 61215-1-2017)  
Public Review Date: May 21, 2021 | Final Action Date: Jul 7, 2021 | [Approved](#)

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- ▶ ANSI/UL 61215-1-3-2018, Standard for Safety for Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-3: Special requirements for testing of thin-film amorphous silicon based photovoltaic (PV) modules (national adoption with modifications of IEC 61215-1-3)  
PINS Date: Feb 10, 2017 | Public Review Date: Jan 26, 2018 | Final Action Date: Apr 3, 2018 | [Approved](#)

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- ▶ ANSI/UL 61215-1-3-2021, Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-3: Special requirements for testing of thin-film amorphous silicon based photovoltaic (PV) modules (identical national adoption of IEC 61215-1-3 and revision of ANSI/UL 61215-1-3-2018)  
Public Review Date: May 21, 2021 | Final Action Date: Jul 7, 2021 | [Approved](#)

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- ▶ ANSI/UL 61215-1-4-2018, Standard for Safety for Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-4: Special requirements for testing of thin-film Cu(In,Ga)(S,Se) Based photovoltaic (PV) modules (national adoption with modifications of IEC 61215-1-4)  
PINS Date: Feb 10, 2017 | Public Review Date: Jan 26, 2018 | Final Action Date: Apr 3, 2018 | [Approved](#)

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- ▶ ANSI/UL 61215-1-4-2021, Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-4: Special requirements for testing of thin-film Cu(In,Ga)(S,Se)2 based photovoltaic (PV) modules (identical national adoption of IEC 61215-1-4 and revision of ANSI/UL 61215-1-4-2018)  
Public Review Date: May 21, 2021 | Final Action Date: Jul 7, 2021 | [Approved](#)

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- ▶ ANSI/UL 61215-2-2017, Standard for Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 2: Test procedures (identical national adoption of IEC 61215-2)  
PINS Date: Sep 2, 2016 | Public Review Date: Nov 4, 2016 | Final Action Date: Feb 28, 2017 | [Approved](#)

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- ▶ ANSI/UL 61215-2-2021, Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 2: Test procedures (identical national adoption of IEC 61215-2 and revision of ANSI/UL 61215-2-2017)  
Public Review Date: May 21, 2021 | Final Action Date: Jul 7, 2021 | [Approved](#)

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- ▶ ANSI/UL 6141-2022, Standard for Wind Turbines Permitting Entry of Personnel (revision of ANSI/UL 6141-2021)  
Public Review Date: May 13, 2022 | Final Action Date: Oct 26, 2022 | [Approved](#)

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- ▶ ANSI/UL 6142-2020, Standard for Safety for Small Wind Turbine Systems (revision of ANSI/UL 6142-2012 (R2018))  
Public Review Date: Jul 31, 2020 | Final Action Date: Sep 1, 2020 | [Approved](#)

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- ▶ ANSI/UL 61496-1-2021, Standard for Safety for Electro-Sensitive Protective Equipment, Part 1: General Requirements and Tests, UL 61496-1 (national adoption of IEC 61496-1 with modifications and revision of ANSI/UL 61496-1-2001 (R2011))  
Public Review Date: Jul 3, 2020 | Final Action Date: Feb 9, 2021 | [Approved](#)

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- ▶ ANSI/UL 61496-2-2021, Standard for Safety of Machinery - Electro-Sensitive Protective Equipment - Part 2: Particular Requirements for Equipment Using Active Opto-Electronic Protective Devices (AOPDs), UL 61496-2 (national adoption of IEC 61496-2 with modifications and revision of ANSI/UL 61496-2-2001 (R2011))  
Public Review Date: Jul 3, 2020 | Final Action Date: Feb 9, 2021 | [Approved](#)

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- ▶ ANSI/UL 61724-1-2019, Standard for Photovoltaic System Performance – Part 1: Monitoring (national adoption with modifications of IEC 61724-1)  
PINS Date: Apr 28, 2017 | Public Review Date: Dec 7, 2018 | Final Action Date: Jan 29, 2019 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 61724-2-2019, Standard for Specification for Photovoltaic system performance – Part 2: Capacity evaluation method (identical national adoption of IEC 61724-2)  
PINS Date: Jan 27, 2017 | Public Review Date: Jul 27, 2018 | Final Action Date: Jan 29, 2019 | [Approved](#)
- ▶ ANSI/UL 61724-3-2019, Standard for Photovoltaic system performance – Part 3: Energy evaluation method (national adoption with modifications of IEC 61724-3)  
PINS Date: Jan 27, 2017 | Public Review Date: Dec 7, 2018 | Final Action Date: Jan 29, 2019 | [Approved](#)
- ▶ ANSI/UL 61730-1-2017, Standard for Photovoltaic (PV) Module Safety Qualification - Part 1: Requirements for Construction (national adoption with modifications of IEC 61730-1)  
PINS Date: Sep 23, 2016 | Public Review Date: Jun 9, 2017 | Final Action Date: Dec 4, 2017 | [Approved](#)
- ▶ ANSI/UL 61730-1-2017a, Standard for Photovoltaic (PV) Module Safety Qualification - Part 1: Requirements for Construction (national adoption with modifications of IEC 61730-1)  
Public Review Date: Oct 13, 2017 | Final Action Date: Dec 4, 2017 | [Approved](#)
- ▶ ANSI/UL 61730-1-2017b, Standard for Photovoltaic (PV) Module Safety Qualification - Part 1: Requirements for Construction (national adoption with modifications of IEC 61730-1)  
Public Review Date: Oct 27, 2017 | Final Action Date: Dec 8, 2017 | [Approved](#)
- ▶ ANSI/UL 61730-1-2017c, Standard for Photovoltaic (PV) Module Safety Qualification - Part 1: Requirements for Construction (national adoption with modifications of IEC 61730-1)  
PINS Date: Sep 23, 2016 | Public Review Date: Sep 15, 2017 | Final Action Date: Dec 4, 2017 | [Approved](#)
- ▶ ANSI/UL 61730-1-2020, Standard for Safety for Photovoltaic (PV) module safety qualification - Part 1: Requirements For Construction (revision of ANSI/UL 61730-1-2017)  
Public Review Date: Feb 14, 2020 | Final Action Date: Apr 15, 2020 | [Approved](#)
- ▶ ANSI/UL 61730-1-2022, Standard for Safety for Photovoltaic (PV) Module Safety Qualification - Part 1: Requirements for Construction (national adoption of IEC 61730-1 with modifications and revision of ANSI/UL 61730-1-2020)  
Public Review Date: Sep 16, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)
- ▶ ANSI/UL 61730-2-2017, Standard for Photovoltaic (PV) Module Safety Qualification - Part 2: Requirements for Testing (national adoption with modifications of IEC 61730-2)  
PINS Date: Sep 23, 2016 | Public Review Date: Jun 9, 2017 | Final Action Date: Dec 4, 2017 | [Approved](#)
- ▶ ANSI/UL 61730-2-2020, Standard for Safety for Photovoltaic (PV) module safety qualification - Part 2: Requirements For Testing (revision of ANSI/UL 61730-2-2017)  
Public Review Date: Feb 14, 2020 | Final Action Date: Apr 15, 2020 | [Approved](#)
- ▶ ANSI/UL 61730-2-2020a, Standard for Safety for Photovoltaic (PV) module safety qualification - Part 2: Requirements for Testing (revision of ANSI/UL 61730-2-2020)  
Public Review Date: Sep 4, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)
- ▶ ANSI/UL 61730-2-2022, Standard for Safety for Photovoltaic (PV) Module Safety Qualification - Part 2: Requirements for Testing (revision of ANSI/UL 61730-2-2020)  
Public Review Date: Jul 8, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)
- ▶ ANSI/UL 618-2010 (R2020), Standard for Concrete Masonry Units (reaffirmation of ANSI/UL 618-2010 (R2015))  
Public Review Date: Mar 13, 2020 | Final Action Date: Jun 12, 2020 | [Approved](#)
- ▶ ANSI/UL 61800-5-1-2022, Standard for Safety for Adjustable Speed Electrical Power Drive Systems – Part 5-1: Safety Requirements – Electrical, Thermal and Energy (national adoption with modifications of IEC 61800-5-1)  
Public Review Date: Mar 4, 2022 | Final Action Date: Jun 24, 2022 | [Approved](#)

**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 61800-5-2-2022, The Standard for Safety for Adjustable Speed Electrical Power Drive Systems – Part 5-2: Safety Requirements – Functional (national adoption with modifications of IEC 61800-5-2)  
Public Review Date: Mar 25, 2022 | Final Action Date: May 3, 2022 | [Approved](#)

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- ▶ ANSI/UL 61810-1-2020, Standard for Electromechanical Elementary Relays - Part 1: General Requirements (revision of ANSI/UL 61810-1-2015)  
Public Review Date: Jun 26, 2020 | Final Action Date: Aug 5, 2020 | [Approved](#)

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- ▶ ANSI/UL 61965-2014 (R2019), Standard for Safety for Mechanical Safety for Cathode Ray Tubes (reaffirmation of ANSI/UL 61965-2009)  
Public Review Date: Feb 22, 2019 | Final Action Date: May 9, 2019 | [Approved](#)

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- ▶ ANSI/UL 62-2018, Standard for Safety for Flexible Cords and Cables (Proposals dated 8/4/17) (revision of ANSI/UL 62-2014)  
Public Review Date: Aug 4, 2017 | Final Action Date: Jul 6, 2018 | [Approved](#)

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- ▶ ANSI/UL 6200-2019, Standard for Safety for Controllers for Use in Power Production (new standard)  
PINS Date: Jun 10, 2016 | Public Review Date: Feb 22, 2019 | Final Action Date: May 31, 2019 | [Approved](#)

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- ▶ ANSI/UL 62091-2020, Standard for Safety for Low-Voltage Switchgear and Controlgear- Controllers for Drivers of Stationary Fire Pumps (national adoption with modifications of IEC 62091)  
PINS Date: Jul 29, 2016 | Public Review Date: Apr 3, 2020 | Final Action Date: Sep 30, 2020 | [Approved](#)

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- ▶ ANSI/UL 62093-2017 (R2021), Standard for Safety for Balance-of-System Components for Photovoltaic Systems - Design Qualification Natural Environments (reaffirmation of ANSI/UL 62093-2017)  
Public Review Date: Apr 2, 2021 | Final Action Date: May 18, 2021 | [Approved](#)

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- ▶ ANSI/UL 621 -2017, Standard for Safety for Ice Cream Makers (UL proposal 12/09/16) (revision of ANSI/UL 621-2015)  
Public Review Date: Dec 9, 2016 | Final Action Date: Feb 15, 2017 | [Approved](#)

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- ▶ ANSI/UL 621-2015, Standard for Safety for Ice Cream Makers (revision of ANSI/UL 621-2010a)  
Public Review Date: Jun 26, 2015 | Final Action Date: Dec 10, 2015 | [Approved](#)

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- ▶ ANSI/UL 621-2018, Standard for Safety for Ice Cream Makers (revision of ANSI/UL 621 -2017)  
Public Review Date: Dec 29, 2017 | Final Action Date: Mar 1, 2018 | [Approved](#)

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- ▶ ANSI/UL 621-2019, Standard for Safety for Ice Cream Makers (revision of ANSI/UL 621-2018)  
Public Review Date: Apr 5, 2019 | Final Action Date: Jun 4, 2019 | [Approved](#)

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- ▶ ANSI/UL 621-2020, Standard for Safety for Ice Cream Makers (revision of ANSI/UL 621-2005)  
Public Review Date: Jul 17, 2020 | Final Action Date: Sep 9, 2020 | [Approved](#)

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- ▶ ANSI/UL 62108-2017 (R2021), Standard for Concentrator Photovoltaic (CPV) Modules and Assemblies - Design Qualification and Type Approval (reaffirmation of ANSI/UL 62108-2017)  
Public Review Date: Jul 9, 2021 | Final Action Date: Sep 9, 2021 | [Approved](#)

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- ▶ ANSI/UL 62109-1-2014a (R2019), Standard for Safety for Power Converters for Use in Photovoltaic Power Systems - Part 1: General Requirements (reaffirmation of ANSI/UL 62109-1-2014a)  
Public Review Date: Feb 22, 2019 | Final Action Date: Apr 30, 2019 | [Approved](#)

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- ▶ ANSI/UL 62133-1-2020, Standard for Safety for Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made from Them, for Use in Portable Applications - Part 1: Nickel Systems (national adoption with modifications of IEC 62133-1)  
PINS Date: Sep 8, 2017 | Public Review Date: Apr 12, 2019 | Final Action Date: Jan 10, 2020 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 62133-2-2020, Standard for Safety for Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made from Them, for Use in Portable Applications - Part 2: Lithium Systems (national adoption with modifications of IEC 62133-2)  
PINS Date: Sep 8, 2017 | Public Review Date: Apr 12, 2019 | Final Action Date: Jan 10, 2020 | [Approved](#)
- ▶ ANSI/UL 62133-2017, Standard for Safety for Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made From Them, for Use in Portable Applications (national adoption with modifications of IEC 62133)  
PINS Date: Jun 24, 2016 | Public Review Date: Oct 7, 2016 | Final Action Date: Sep 5, 2017 | [Approved](#)
- ▶ ANSI/UL 62275-2021, Standard for Safety for Cable Management Systems – Cable Ties For Electrical Installations (national adoption of IEC 62275 with modifications and revision of ANSI/UL 62275-2016)  
Public Review Date: Dec 18, 2020 | Final Action Date: Sep 24, 2021 | [Approved](#)
- ▶ ANSI/UL 62368-1-2019, Standard for Safety for Audio/video, Information and Communication Technology Equipment – Part 1: Safety Requirements (national adoption of IEC 62368-1 with modifications and revision of ANSI/UL 62368-1-2014)  
Public Review Date: Jul 5, 2019 | Final Action Date: Dec 13, 2019 | [Approved](#)
- ▶ ANSI/UL 62368-1-2021, Standard for Safety for Audio/video, Information and Communication Technology Equipment – Part 1: Safety Requirements (identical national adoption of IEC 62368-1 and revision of ANSI/UL 62368-1-2019)  
Public Review Date: May 28, 2021 | Final Action Date: Oct 22, 2021 | [Approved](#)
- ▶ ANSI/UL 62446-1-2022, Photovoltaic (PV) Systems - Requirements for Testing, Documentation and Maintenance - Part 1: Grid Connected Systems - Documentation, Commissioning Tests and Inspection (national adoption with modifications of IEC 62446-1)  
Public Review Date: Sep 16, 2022 | Final Action Date: Oct 20, 2022 | [Approved](#)
- ▶ ANSI/UL 62446-2-2022, Standard for Photovoltaic (PV) Systems - Requirements for Testing, Documentation and Maintenance - Part 2: Grid Connected Systems – Maintenance of PV Systems (national adoption with modifications of IEC 62446-2)  
PINS Date: Aug 28, 2020 | Public Review Date: Sep 16, 2022 | Final Action Date: Oct 20, 2022 | [Approved](#)
- ▶ ANSI/UL 626-2021, Standard for Water Fire Extinguishers (revision of ANSI/UL 626-2012 (R2018))  
Public Review Date: Nov 20, 2020 | Final Action Date: May 14, 2021 | [Approved](#)
- ▶ ANSI/UL 62841-1-2020, Standard for Safety Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety – Part 1: General Requirements (national adoption of IEC 62841-1 with modifications and revision of ANSI/UL 62841-1-2015)  
Public Review Date: Apr 3, 2020 | Final Action Date: Aug 21, 2020 | [Approved](#)
- ▶ ANSI/UL 62841-1-2022, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 1: General Requirements (revision of ANSI/UL 62841-1-2020)  
Public Review Date: Oct 22, 2021 | Final Action Date: Jun 10, 2022 | [Approved](#)
- ▶ ANSI/UL 62841-2-1-2018, Standard for Safety for Electric-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 2-1 Particular Requirements For Hand-Held Drills And Impact Drills (identical national adoption of IEC 62841-2-1)  
PINS Date: Nov 9, 2012 | Public Review Date: Dec 15, 2017 | Final Action Date: Apr 30, 2018 | [Approved](#)
- ▶ ANSI/UL 62841-2-10-2017, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 2-10: Particular Requirements for Hand-Held Mixers (identical national adoption of IEC 62841-2-10)  
PINS Date: Nov 23, 2012 | Public Review Date: Jul 28, 2017 | Final Action Date: Oct 27, 2017 | [Approved](#)

**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 62841-2-11-2017, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 2-11: Particular Requirements for Hand-Held Reciprocating Saws (identical national adoption of IEC 62841-2-11)  
PINS Date: Nov 9, 2012 | Public Review Date: Dec 9, 2016 | Final Action Date: Mar 27, 2017 | [Approved](#)

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- ▶ ANSI/UL 62841-2-11-2020, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 2-11: Particular Requirements for Hand-Held Reciprocating Saws (revision of ANSI/UL 62841-2-11-2017)  
Public Review Date: Jul 26, 2019 | Final Action Date: Jan 10, 2020 | [Approved](#)

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- ▶ ANSI/UL 62841-2-14-2016 (R2022), UL Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Part 2-14: Particular Requirements For Hand-Held Planers (reaffirmation of ANSI/UL 62841-2-14-2016)  
Public Review Date: Dec 17, 2021 | Final Action Date: Feb 17, 2022 | [Approved](#)

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- ▶ ANSI/UL 62841-2-17-2018, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 2-17 Particular Requirements for Hand-Held Routers (identical national adoption of IEC 62841-2-17)  
PINS Date: Nov 16, 2012 | Public Review Date: May 25, 2018 | Final Action Date: Sep 7, 2018 | [Approved](#)

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- ▶ ANSI/UL 62841-2-2-2017, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools, and Lawn and Garden Machinery - Safety - Part 2-2: Particular Requirements for Screwdrivers and Impact Wrenches (revision of ANSI/UL 62841-2-2-2016)  
Public Review Date: Apr 28, 2017 | Final Action Date: Jul 28, 2017 | [Approved](#)

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- ▶ ANSI/UL 62841-2-2-2021, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 2-2: Particular Requirements For Hand-Held Screwdrivers And Impact Wrenches (revision of ANSI/UL 62841-2-2-2017)  
Public Review Date: Dec 18, 2020 | Final Action Date: Apr 30, 2021 | [Approved](#)

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- ▶ ANSI/UL 62841-2-21-2018 (R2023), Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-21: Particular Requirements for Hand-Held Drain Cleaners (reaffirmation of ANSI/UL 62841-2-21-2018)  
Public Review Date: Nov 4, 2022 | Final Action Date: Jan 5, 2023 | [Approved](#)

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- ▶ ANSI/UL 62841-2-3-2022, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-3: Particular Requirements for Hand-Held Grinders, Disc-Type Polishers and Disc-Type Sanders (revision of ANSI/UL 62841-2-3-2021)  
Public Review Date: Jun 10, 2022 | Final Action Date: Nov 11, 2022 | [Approved](#)

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- ▶ ANSI/UL 62841-2-4-2017 (R2022), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2 -4: Particular Requirements for Sanders and Polishers Other Than Disk Type (reaffirmation and redesignation of ANSI/UL 62841-2-4-2017)  
Public Review Date: May 20, 2022 | Final Action Date: Jul 15, 2022 | [Approved](#)

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- ▶ ANSI/UL 62841-2-5-2016, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 2-5: Particular Requirements for Hand-Held Circular Saws (national adoption with modifications of IEC 62841-2-5)  
PINS Date: Nov 9, 2012 | Public Review Date: Apr 8, 2016 | Final Action Date: Aug 9, 2016 | [Approved](#)

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- ▶ ANSI/UL 62841-2-5-2019, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 2-5: Particular Requirements For Hand-Held Circular Saws (revision of ANSI/UL 62841-2-5-2016)  
Public Review Date: Sep 27, 2019 | Final Action Date: Dec 13, 2019 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 62841-2-6-2022, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 2-6 Particular Requirements for Hand-Held Hammers (national adoption with modifications of IEC 62841-2-6)

PINS Date: Nov 9, 2012 | Public Review Date: Dec 3, 2021 | Final Action Date: Mar 28, 2022 | [Approved](#)

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- ▶ ANSI/UL 62841-2-8-2016 (R2022), Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 2-8: Particular Requirements For Hand-Held Shears and Nibblers (reaffirmation and redesignation of ANSI/UL 62841-2-8-2016)

Public Review Date: Apr 8, 2022 | Final Action Date: May 27, 2022 | [Approved](#)

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- ▶ ANSI/UL 62841-2-9-2016, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 2-9: Particular Requirements For Hand-Held Tappers And Threaders (national adoption with modifications of IEC 62841-2-9)

PINS Date: Nov 9, 2012 | Public Review Date: Oct 23, 2015 | Final Action Date: Feb 26, 2016 | [Approved](#)

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- ▶ ANSI/UL 62841-2-9-2017 (R2022), Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-9: Particular Requirements for Hand-Held Tappers and Threaders (reaffirmation and redesignation of ANSI/UL 62841-2-9-2017)

Public Review Date: Oct 7, 2022 | Final Action Date: Nov 29, 2022 | [Approved](#)

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- ▶ ANSI/UL 62841-2-9-2017a, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 2-9: Particular Requirements For Hand-Held Tappers And Threaders (identical national adoption of IEC 62841-2-9 and revision of ANSI/UL 62841-2-9-2016)

Public Review Date: May 5, 2017 | Final Action Date: Oct 10, 2017 | [Approved](#)

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- ▶ ANSI/UL 62841-3-1-2017, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 3-1: Particular Requirements for Transportable Table Saws (identical national adoption of IEC 62841-3-1)

Public Review Date: Jun 30, 2017 | Final Action Date: Sep 29, 2017 | [Approved](#)

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- ▶ ANSI/UL 62841-3-1-2022, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Part 3-1: Particular Requirements For Transportable Table Saws (revision of ANSI/UL 62841-3-1-2017)

Public Review Date: Feb 4, 2022 | Final Action Date: Jun 10, 2022 | [Approved](#)

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- ▶ ANSI/UL 62841-3-10-2016, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-10: Particular Requirements for Transportable Cut-Off Machines (identical national adoption of IEC 62841-3-10)

PINS Date: Nov 23, 2012 | Public Review Date: Mar 18, 2016 | Final Action Date: Aug 5, 2016 | [Approved](#)

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- ▶ ANSI/UL 62841-3-10-2018, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 3-10 Particular Requirements for Transportable Cut-Off Machines (national adoption of IEC 62841-3-10 with modifications and revision of ANSI/UL 62841-3-10-2016)

Public Review Date: Apr 13, 2018 | Final Action Date: Jun 22, 2018 | [Approved](#)

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- ▶ ANSI/UL 62841-3-1000-2019, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 3-1000: Particular Requirements For Transportable Laser Engravers (new standard)

PINS Date: Aug 24, 2018 | Public Review Date: Oct 18, 2019 | Final Action Date: Dec 13, 2019 | [Approved](#)

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- ▶ ANSI/UL 62841-3-12-2019, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 3-12 Particular Requirements for Transportable Threading Machines (identical national adoption of IEC 62841-3-12)

PINS Date: Nov 23, 2012 | Public Review Date: Oct 12, 2018 | Final Action Date: Apr 5, 2019 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 62841-3-13-2018, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 3-13 Particular Requirements for Transportable Drills (national adoption with modifications of IEC 62841-3-13)

PINS Date: Nov 23, 2012 | Public Review Date: Aug 25, 2017 | Final Action Date: May 4, 2018 | [Approved](#)

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- ▶ ANSI/UL 62841-3-13-2018a, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 3-13 Particular Requirements for Transportable Drills (national adoption with modifications of IEC 62841-3-13)

PINS Date: Nov 23, 2012 | Public Review Date: Feb 9, 2018 | Final Action Date: May 4, 2018 | [Approved](#)

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- ▶ ANSI/UL 62841-3-14-2019, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 3-14 Particular Requirements for Transportable Drain Cleaners (identical national adoption of IEC 62841-3-14)

PINS Date: Oct 12, 2018 | Public Review Date: Dec 14, 2018 | Final Action Date: Apr 5, 2019 | [Approved](#)

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- ▶ ANSI/UL 62841-3-4-2016, Standard For Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 3-4: Particular Requirements For Transportable Bench Grinders (identical national adoption of IEC 62841-3-4)

PINS Date: Nov 23, 2012 | Public Review Date: Aug 5, 2016 | Final Action Date: Dec 23, 2016 | [Approved](#)

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- ▶ ANSI/UL 62841-3-4-2018, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 3-4 Particular Requirements for Transportable Bench Grinders (identical national adoption of IEC 62841-3-4 and revision of ANSI/UL 62841-3-4-2016)

Public Review Date: Apr 13, 2018 | Final Action Date: Jun 22, 2018 | [Approved](#)

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- ▶ ANSI/UL 62841-3-4-2019, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 3-4: Particular Requirements for Transportable Bench Grinders (revision of ANSI/UL 62841-3-4-2018)

Public Review Date: Jul 26, 2019 | Final Action Date: Oct 18, 2019 | [Approved](#)

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- ▶ ANSI/UL 62841-3-6-2016, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-6: Particular Requirements for Transportable Diamond Drills with Liquid System (identical national adoption of IEC 62841-3-6)

PINS Date: Nov 23, 2012 | Public Review Date: Oct 30, 2015 | Final Action Date: Jun 17, 2016 | [Approved](#)

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- ▶ ANSI/UL 62841-3-6-2018, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 3-6 Particular Requirements for Transportable Diamond Drills and Liquid System (identical national adoption of IEC 62841-3-6 and revision of ANSI/UL 62841-3-6-2016)

Public Review Date: Apr 13, 2018 | Final Action Date: Jun 22, 2018 | [Approved](#)

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- ▶ ANSI/UL 62841-3-7-2021, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 3-7: Particular Requirements For Transportable Wall Saws (new standard)

Public Review Date: Sep 25, 2020 | Final Action Date: Feb 18, 2021 | [Approved](#)

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- ▶ ANSI/UL 62841-3-9-2017, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-9: Particular Requirements for Transportable Mitre Saws (revision of ANSI/UL 62841-3-9-2016)

Public Review Date: Jan 27, 2017 | Final Action Date: Apr 28, 2017 | [Approved](#)

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- ▶ ANSI/UL 62841-3-9-2021, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery – Safety - Part 3.9: Particular Requirements for Transportable Mitre Saws (national adoption with modifications of IEC 62841-3-9 Ed. 2)

Public Review Date: Apr 9, 2021 | Final Action Date: Nov 30, 2021 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 62841-4-1-2021, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 4-1: Particular Requirements For Chain Saws (revision of ANSI/UL 62841-4-1-2020)  
Public Review Date: Jan 15, 2021 | Final Action Date: May 5, 2021 | [Approved](#)
- ▶ ANSI/UL 62841-4-1000-2020, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety – UL 4-1000: Particular Requirements For Utility Machines (new standard)  
PINS Date: Nov 1, 2019 | Public Review Date: Mar 20, 2020 | Final Action Date: Jun 19, 2020 | [Approved](#)
- ▶ ANSI/UL 62841-4-1000-2021, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 4-1000: Particular Requirements For Utility Machines (revision of ANSI/UL 62841-4-1000-2020)  
Public Review Date: Jan 8, 2021 | Final Action Date: Mar 1, 2021 | [Approved](#)
- ▶ ANSI/UL 62841-4-1000-2023, Standard for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 4-1000: Particular Requirements for Utility Machines (revision of ANSI/UL 62841-4-1000-2021)  
Public Review Date: Nov 18, 2022 | Final Action Date: Jan 5, 2023 | [Approved](#)
- ▶ ANSI/UL 62841-4-2-2019, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery - Safety - Part 4-2 Particular Requirements for Hedge Trimmers (new standard)  
PINS Date: Nov 23, 2012 | Public Review Date: Jun 14, 2019 | Final Action Date: Sep 13, 2019 | [Approved](#)
- ▶ ANSI/UL 62841-4-4-2021, Standard For Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 4-4: Particular Requirements For Lawn Trimmers, Lawn Edge Trimmers, Grass Trimmers, Brush Cutters And Brush Saws (identical national adoption of IEC 62841-4-4:2020)  
PINS Date: May 31, 2019 | Public Review Date: Apr 2, 2021 | Final Action Date: Oct 29, 2021 | [Approved](#)
- ▶ ANSI/UL 62852-2022, Standard for Connectors for DC-Application in Photovoltaic Systems - Safety Requirements and Tests (national adoption with modifications of IEC 62852)  
Public Review Date: May 20, 2022 | Final Action Date: Jul 6, 2022 | [Approved](#)
- ▶ ANSI/UL 62915-2022, Standard for Photovoltaic (PV) Modules – Type Approval, Design and Safety Qualification – Retesting (national adoption with modifications of IEC 62915)  
PINS Date: Mar 1, 2019 | Public Review Date: Feb 18, 2022 | Final Action Date: Mar 23, 2022 | [Approved](#)
- ▶ ANSI/UL 62986-2021, Standard for Safety for Plugs, Socket-Outlets and Couplers with Arcuate Contacts (national adoption with modifications of IEC 62986)  
Public Review Date: Jan 29, 2021 | Final Action Date: Apr 22, 2021 | [Approved](#)
- ▶ ANSI/UL 634-2015 (R2020), Standard for Safety for Connectors and Switches for Use with Burglar-Alarm Systems (reaffirmation of ANSI/UL 634-2015)  
Public Review Date: Jan 31, 2020 | Final Action Date: Mar 27, 2020 | [Approved](#)
- ▶ ANSI/UL 635-2012 (R2021), Standard for Safety for Insulating Bushings (reaffirmation of ANSI/UL 635-2012 (R2016))  
Public Review Date: Dec 4, 2020 | Final Action Date: Feb 15, 2021 | [Approved](#)
- ▶ ANSI/UL 636-2018, Standard for Holdup Alarm Units and Systems (revision of ANSI/UL 636-2008 (R2013))  
Public Review Date: Oct 23, 2015 | Final Action Date: Jan 30, 2018 | [Approved](#)
- ▶ ANSI/UL 639-2019, Standard for Safety for Intrusion-Detection Units (revision of ANSI/UL 639-2012 (R2018))  
Public Review Date: Jun 7, 2019 | Final Action Date: Oct 24, 2019 | [Approved](#)
- ▶ ANSI/UL 641-2009 (R2022), Standard for Safety for Type L Low-Temperature Venting Systems (reaffirmation of ANSI/UL 641-2009 (R2018))  
Public Review Date: Aug 12, 2022 | Final Action Date: Oct 20, 2022 | [Approved](#)

**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 6420-2012 (R2018), Standard for Safety for Equipment Used for System Isolation and Rated as a Single Unit (reaffirmation of ANSI/UL 6420-2012)

Public Review Date: Nov 3, 2017 | Final Action Date: Jan 8, 2018 | [Approved](#)

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- ▶ ANSI/UL 644-2014 (R202x), Standard for Safety for Container Assemblies for LP-Gas (reaffirmation of ANSI/UL 644-2014)

Public Review Date: Jul 26, 2019 | Final Action Date: Nov 12, 2019 | [Approved](#)

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- ▶ ANSI/UL 651-2022, Standard for Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings (revision of ANSI/UL 651-2020)

Public Review Date: Dec 10, 2021 | Final Action Date: May 10, 2022 | [Approved](#)

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- ▶ ANSI/UL 651A-2017, Standard for Safety for Schedule 40 and 80 High Density Polyethylene (HDPE) Conduit (revision of ANSI/UL 651A-2016a)

Public Review Date: Jan 27, 2017 | Final Action Date: Mar 10, 2017 | [Approved](#)

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- ▶ ANSI/UL 66-2018, Standard for Safety for Fixture Wire (revision of ANSI/UL 66-2011 (R2016))

Public Review Date: Jul 14, 2017 | Final Action Date: Jun 8, 2018 | [Approved](#)

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- ▶ ANSI/UL 66-2020, Standard for Safety for Fixture Wire (revision of ANSI/UL 66-2018)

Public Review Date: Jul 17, 2020 | Final Action Date: Nov 4, 2020 | [Approved](#)

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- ▶ ANSI/UL 66-2023, Standard for Safety for Fixture Wire (revision of ANSI/UL 66-2020)

Public Review Date: Oct 28, 2022 | Final Action Date: Jan 18, 2023 | [Approved](#)

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- ▶ ANSI/UL 668-2021, Standard for Hose Valves for Fire-Protection Service (August 6, 2021) (revision of ANSI/UL 668-2016)

Public Review Date: Aug 6, 2021 | Final Action Date: Oct 8, 2021 | [Approved](#)

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- ▶ ANSI/UL 67-2016, Standard for Safety for Panelboards (proposal dated 04-22-16) (revision of ANSI/UL 67-2015)

Public Review Date: Apr 22, 2016 | Final Action Date: Jun 10, 2016 | [Approved](#)

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- ▶ ANSI/UL 67-2016a, Standard for Safety for Panelboards (proposal dated 09-30-16) (revision of ANSI/UL 67-2016)

Public Review Date: Sep 30, 2016 | Final Action Date: Dec 14, 2016 | [Approved](#)

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- ▶ ANSI/UL 67-2017, Standard for Safety for Panelboards (revision of ANSI/UL 67-2016)

Public Review Date: Sep 8, 2017 | Final Action Date: Nov 17, 2017 | [Approved](#)

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- ▶ ANSI/UL 67-2018, Standard for Safety for Panelboards (revision of ANSI/UL 67-2017)

Public Review Date: Jan 19, 2018 | Final Action Date: May 15, 2018 | [Approved](#)

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- ▶ ANSI/UL 67-2018a, Standard for Safety for Panelboards (revision of ANSI/UL 67-2017)

Public Review Date: Mar 16, 2018 | Final Action Date: May 15, 2018 | [Approved](#)

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- ▶ ANSI/UL 67-2019, Standard for Safety for Panelboards (revision of ANSI/UL 67-2018)

Public Review Date: Jan 18, 2019 | Final Action Date: Mar 6, 2019 | [Approved](#)

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- ▶ ANSI/UL 67-2019a, Standard for Safety for Panelboards (revision of ANSI/UL 67-2019)

Public Review Date: Mar 22, 2019 | Final Action Date: May 15, 2019 | [Approved](#)

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- ▶ ANSI/UL 67-2019b, Standard for Safety for Panelboards (revision of ANSI/UL 67-2019)

Public Review Date: Jul 12, 2019 | Final Action Date: Oct 11, 2019 | [Approved](#)

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- ▶ ANSI/UL 67-2020, Standard for Safety for Panelboards (revision of ANSI/UL 67-2019)

Public Review Date: Feb 14, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 6703-2017, Standard for Connectors for Use in Photovoltaic Systems (revision of ANSI/UL 6703-2015)  
Public Review Date: Jan 27, 2017 | Final Action Date: Mar 2, 2017 | [Approved](#)

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- ▶ ANSI/UL 6703-2017a, Standard for Safety for Connectors for Use with Photovoltaic Systems (revision of ANSI/UL 6703-2017)  
Public Review Date: Apr 10, 2015 | Final Action Date: Dec 22, 2017 | [Approved](#)

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- ▶ ANSI/UL 6703-2017b, Standard for Connectors for Use in Photovoltaic Systems (revision of ANSI/UL 6703-2017)  
Public Review Date: Sep 22, 2017 | Final Action Date: Dec 22, 2017 | [Approved](#)

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- ▶ ANSI/UL 6703-2017c, Standard for Connectors for Use in Photovoltaic Systems (revision of ANSI/UL 6703-2017)  
Public Review Date: Nov 17, 2017 | Final Action Date: Dec 22, 2017 | [Approved](#)

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- ▶ ANSI/UL 6703-2020, Standard for Safety for Connectors for Use in Photovoltaic Systems (revision of ANSI/UL 6703-2017)  
Public Review Date: Sep 25, 2020 | Final Action Date: Oct 27, 2020 | [Approved](#)

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- ▶ ANSI/UL 6703-2021, Standard for Safety for Connectors for Use in Photovoltaic Systems (revision of ANSI/UL 6703-2020)  
Public Review Date: Feb 12, 2021 | Final Action Date: Jun 3, 2021 | [Approved](#)

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- ▶ ANSI/UL 674-2020, Standard for Safety for Electric Motors and Generators for Use in Division 1 Hazardous (Classified) Locations (revision of ANSI/UL 674-2017)  
Public Review Date: Sep 11, 2020 | Final Action Date: Dec 28, 2020 | [Approved](#)

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- ▶ ANSI/UL 674-2022, Standard for Safety for Electric Motors and Generators for Use in Division 1 Hazardous (Classified) Locations (revision of ANSI/UL 674-2020)  
Public Review Date: Jan 28, 2022 | Final Action Date: Jul 29, 2022 | [Approved](#)

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- ▶ ANSI/UL 676-2018, Luminaires and Submersible Junction Boxes (proposal dated 11/17/17) (revision of ANSI/UL 676-2015)  
Public Review Date: Nov 17, 2017 | Final Action Date: Feb 26, 2018 | [Approved](#)

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- ▶ ANSI/UL 676-2019, Standard for Safety for Underwater Luminaires and Submersible Junction Boxes (revision of ANSI/UL 676-2018)  
Public Review Date: Apr 26, 2019 | Final Action Date: Oct 14, 2019 | [Approved](#)

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- ▶ ANSI/UL 680-2004 (R2018), Standard for Emergency Vault Ventilators and Vault-Ventilating Ports (reaffirmation of ANSI/UL 680-2004 (R2014))  
Public Review Date: Jun 1, 2018 | Final Action Date: Jul 20, 2018 | [Approved](#)

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- ▶ ANSI/UL 681-2020, Standard for Safety for Installation and Classification of Burglar and Holdup Alarm Systems (revision of ANSI/UL 681-2014 (R2018))  
Public Review Date: Jul 17, 2020 | Final Action Date: Dec 17, 2020 | [Approved](#)

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- ▶ ANSI/UL 687-2011 (R2020), Standard for Burglary Resistant Safes (reaffirmation of ANSI/UL 687-2011 (R2015))  
Public Review Date: Nov 8, 2019 | Final Action Date: Feb 18, 2020 | [Approved](#)

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- ▶ ANSI/UL 69-2013 (R2018), Standard for Safety for Electric-Fence Controllers (reaffirmation of ANSI/UL 69-2013)  
Public Review Date: Feb 16, 2018 | Final Action Date: Apr 20, 2018 | [Approved](#)

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- ▶ ANSI/UL 696-2010 (R2020), Standard for Safety for Electric Toys (revision of ANSI/UL 696-2010 (R2015))  
Public Review Date: Mar 20, 2020 | Final Action Date: May 6, 2020 | [Approved](#)

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- ▶ ANSI/UL 697-2012 (R2016), Standard for Safety for Toy Transformers (reaffirmation of ANSI/UL 697-2012)  
Public Review Date: Jun 24, 2016 | Final Action Date: Aug 15, 2016 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 697-2012 (R2021), Standard for Safety for Toy Transformers (reaffirmation of ANSI/UL 697-2012 (R2016))  
Public Review Date: May 14, 2021 | Final Action Date: Jul 1, 2021 | [Approved](#)

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- ▶ ANSI/UL 698A-2018 (R2022), Standard for Safety for Industrial Control Panels Relating to Hazardous (Classified) Locations (reaffirmation of ANSI/UL 698A-2018)  
Public Review Date: Sep 16, 2022 | Final Action Date: Nov 4, 2022 | [Approved](#)

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- ▶ ANSI/UL 698A-2018a, Standard for Safety for Industrial Control Panels Relating to Hazardous (Classified) Locations (revision of ANSI/UL 698A-2018)  
Public Review Date: May 25, 2018 | Final Action Date: Aug 21, 2018 | [Approved](#)

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- ▶ ANSI/UL 6A-2019, Standard for Electrical Rigid Metal Conduit – Aluminum, Red Brass, and Steel (revision of ANSI/UL 6A-2014)  
Public Review Date: Jan 18, 2019 | Final Action Date: Sep 27, 2019 | [Approved](#)

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- ▶ ANSI/UL 7001-2021, Standard for Sustainability for Household Refrigeration Appliances (revision of ANSI/UL 7001-2014)  
Public Review Date: Feb 26, 2021 | Final Action Date: Oct 27, 2021 | [Approved](#)

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- ▶ ANSI/UL 7006-2018, Standard for Sustainability for Household Room Air Conditioning Appliances (new standard)  
PINS Date: Aug 24, 2012 | Public Review Date: Dec 15, 2017 | Final Action Date: Mar 27, 2018 | [Approved](#)

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- ▶ ANSI/UL 7007-2018, Standard for Sustainability for Microwave Oven Appliances (new standard)  
PINS Date: Aug 24, 2012 | Public Review Date: May 11, 2018 | Final Action Date: Aug 16, 2018 | [Approved](#)

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- ▶ ANSI/UL 7008-2019, Standard for Sustainability for Household Dehumidifier Appliances (new standard)  
PINS Date: Aug 24, 2012 | Public Review Date: Dec 7, 2018 | Final Action Date: Mar 12, 2019 | [Approved](#)

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- ▶ ANSI/UL 705-2018, Standard for Safety for Power Ventilators (revision of ANSI/UL 705-2017)  
Public Review Date: Dec 29, 2017 | Final Action Date: Feb 13, 2018 | [Approved](#)

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- ▶ ANSI/UL 705-2018a, Standard for Safety for Power Ventilators (revision of ANSI/UL 705-2018)  
Public Review Date: Jun 29, 2018 | Final Action Date: Oct 8, 2018 | [Approved](#)

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- ▶ ANSI/UL 705-2018b, Standard for Safety for Power Ventilators (revision of ANSI/UL 705-2018)  
Public Review Date: Aug 17, 2018 | Final Action Date: Oct 8, 2018 | [Approved](#)

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- ▶ ANSI/UL 705-2019, Standard for Safety for Power Ventilators (revision of ANSI/UL 705-2018)  
Public Review Date: Jun 21, 2019 | Final Action Date: Aug 30, 2019 | [Approved](#)

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- ▶ ANSI/UL 705-2021, Standard for Safety for Power Ventilators (revision of ANSI/UL 705-2019)  
Public Review Date: Jun 18, 2021 | Final Action Date: Aug 24, 2021 | [Approved](#)

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- ▶ ANSI/UL 705-2022, Standard for Safety for Power Ventilators (revision of ANSI/UL 705-2021)  
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- ▶ ANSI/UL 710-2019, Standard for Exhaust Hoods for Commercial Cooking Equipment (revision of ANSI/UL 710-2012 (R2017))  
Public Review Date: May 17, 2019 | Final Action Date: Aug 20, 2019 | [Approved](#)

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- ▶ ANSI/UL 710-2021, Standard for Exhaust Hoods for Commercial Cooking Equipment (revision of ANSI/UL 710-2019)  
Public Review Date: Dec 4, 2020 | Final Action Date: Feb 16, 2021 | [Approved](#)

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- ▶ ANSI/UL 710B-2014a, Standard for Recirculating Systems (revision of ANSI/UL 710B-2009)  
Public Review Date: May 23, 2014 | Final Action Date: Aug 13, 2014 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 710B-2021, Standard for Recirculating Systems (revision of ANSI/UL 710B-2014 (R2019))  
Public Review Date: Jul 30, 2021 | Final Action Date: Oct 7, 2021 | [Approved](#)

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- ▶ ANSI/UL 711-2018, Standard for Safety for Rating and Fire Testing of Fire Extinguishers (revision of ANSI/UL 711-2009)  
Public Review Date: Oct 27, 2017 | Final Action Date: Aug 6, 2018 | [Approved](#)

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- ▶ ANSI/UL 711-2023, Standard for Rating and Fire Testing of Fire Extinguishers (April 15, 2022) (revision of ANSI/UL 711-2018)  
Public Review Date: Sep 9, 2022 | Final Action Date: Jan 5, 2023 | [Approved](#)

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- ▶ ANSI/UL 719-2018, Standard for Safety for Nonmetallic-Sheathed Cables (revision of ANSI/UL 719-2015)  
Public Review Date: Dec 1, 2017 | Final Action Date: Mar 2, 2018 | [Approved](#)

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- ▶ ANSI/UL 719-2018a, Standard for Safety for Non-Metallic Sheathed Cable (revision of ANSI/UL 719-2018)  
Public Review Date: Jul 13, 2018 | Final Action Date: Nov 6, 2018 | [Approved](#)

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- ▶ ANSI/UL 719-2022, Standard for Nonmetallic Sheathed Cable (December 10, 2021) (revision of BSR/UL 719-202x)  
Public Review Date: Dec 10, 2021 | Final Action Date: Mar 18, 2022 | [Approved](#)

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- ▶ ANSI/UL 719-2023, Standard for Safety for Nonmetallic-Sheathed Cables (revision of ANSI/UL 719-2022)  
Public Review Date: Sep 23, 2022 | Final Action Date: Jan 12, 2023 | [Approved](#)

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- ▶ ANSI/UL 72-2015 (R2020), Standard for Safety Tests for Fire Resistance of Record Protection Equipment (reaffirmation of ANSI/UL 72-2015)  
Public Review Date: Jan 3, 2020 | Final Action Date: Apr 17, 2020 | [Approved](#)

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- ▶ ANSI/UL 723-2017, Standard for Safety for Test for Surface Burning Characteristics of Building Materials (revision of ANSI/UL 723-2013)  
Public Review Date: Jan 27, 2017 | Final Action Date: Jan 21, 2017 | [Approved](#)

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- ▶ ANSI/UL 723-2017a, Standard for Safety for Test for Surface Burning Characteristics of Building Materials (revision of ANSI/UL 723-2013)  
Public Review Date: Nov 10, 2017 | Final Action Date: Jan 21, 2017 | [Approved](#)

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- ▶ ANSI/UL 723-2018, Standard For Safety For Test for Surface Burning Characteristics of Building Materials (revision of ANSI/UL 723-2017)  
Public Review Date: Feb 9, 2018 | Final Action Date: Apr 19, 2018 | [Approved](#)

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- ▶ ANSI/UL 73-2022, Standard for Motor-Operated Appliances (revision of ANSI/UL 73-2021)  
Public Review Date: Nov 11, 2022 | Final Action Date: Dec 14, 2022 | [Approved](#)

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- ▶ ANSI/UL 731-2004 (R2021), Standard for Safety for Oil-Fired Unit Heaters (reaffirmation of ANSI/UL 731-2004 (R2016))  
Public Review Date: Sep 17, 2021 | Final Action Date: Nov 4, 2021 | [Approved](#)

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- ▶ ANSI/UL 732-1997 (R2018), Standard for Safety for Oil-Fired Storage Tank Water Heaters (reaffirmation of ANSI/UL 732-1997 (R2013))  
Public Review Date: May 18, 2018 | Final Action Date: Aug 9, 2018 | [Approved](#)

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- ▶ ANSI/UL 737-2020, Standard for Safety for Fireplace Stoves (revision of ANSI/UL 737-2011 (R2015))  
Public Review Date: Nov 29, 2019 | Final Action Date: Jan 8, 2020 | [Approved](#)

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- ▶ ANSI/UL 746A-2018, Standard for Safety for Polymeric Materials Short Term Property Evaluations (revision of ANSI/UL 746A-2017)  
Public Review Date: Jan 26, 2018 | Final Action Date: May 17, 2018 | [Approved](#)

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- ▶ ANSI/UL 746A-2018a, Standard for Safety for Polymeric Materials Short Term Property Evaluations (revision of ANSI/UL 746A-2017)  
Public Review Date: Apr 6, 2018 | Final Action Date: May 17, 2018 | [Approved](#)

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- ▶ ANSI/UL 746A-2019, Standard for Safety for Polymeric Materials – Short Term Property Evaluations (revision of ANSI/UL 746A-2018)  
Public Review Date: Sep 21, 2018 | Final Action Date: Jan 28, 2019 | [Approved](#)

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- ▶ ANSI/UL 746A-2019a, Standard for Safety for Polymeric Materials – Short Term Property Evaluations (revision of ANSI/UL 746A-2018)  
Public Review Date: Dec 7, 2018 | Final Action Date: Jan 28, 2019 | [Approved](#)

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- ▶ ANSI/UL 746A-2019b, Standard for Safety for Polymeric Materials – Short Term Property Evaluations (revision of ANSI/UL 746A-2018)  
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- ▶ ANSI/UL 746A-2019c, Standard For Safety For Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2019)  
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- ▶ ANSI/UL 746A-2020, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2019)  
Public Review Date: Apr 3, 2020 | Final Action Date: May 20, 2020 | [Approved](#)

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- ▶ ANSI/UL 746A-2021, Standard for Safety for Polymeric Materials – Short Term Property Evaluations (revision of ANSI/UL 746A-2020)  
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- ▶ ANSI/UL 746A-2021a, Standard for Safety for Polymeric Materials – Short Term Property Evaluations (revision of ANSI/UL 746A-2021)  
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- ▶ ANSI/UL 746A-2022, Standard for Safety for Polymeric Materials – Short Term Property Evaluations (revision of ANSI/UL 746A-2021)  
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- ▶ ANSI/UL 746A-2022a, Standard for Safety for Polymeric Materials – Short Term Property Evaluations (revision of ANSI/UL 746A-2022)  
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- ▶ ANSI/UL 746A-2023, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2022)  
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- ▶ ANSI/UL 746A-2023a, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2022)  
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- ▶ ANSI/UL 746B-2017, Standard for Safety for Polymeric Materials - Long Term Property Evaluations (revision of ANSI/UL 746B-2016)  
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- ▶ ANSI/UL 746B-2018, Standard for Safety for Polymeric Materials - Long Term Property Evaluations (revision of ANSI/UL 746B-2016)  
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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 746B-2018a, Standard for Safety for Polymeric Materials - Long Term Property Evaluations (revision of ANSI/UL 746B-2017)  
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- ▶ ANSI/UL 746B-2018b, Standard for Safety for Polymeric Materials Long Term Property Evaluations (revision of ANSI/UL 746B-2018)  
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- ▶ ANSI/UL 746B-2018c, Standard for Safety for Polymeric Materials - Long Term Property Evaluations (revision of ANSI/UL 746B-2018)  
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- ▶ ANSI/UL 746B-2018d, Standard for Safety for Polymeric Materials - Long Term Property Evaluations (revision of ANSI/UL 746B-2018)  
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- ▶ ANSI/UL 746B-2019, Standard for Safety for Polymeric Materials – Long Term Property Evaluations (revision of ANSI/UL 746B-2018)  
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- ▶ ANSI/UL 746B-2019, Standard for Safety for Polymeric Materials – Long Term Property Evaluations (revision of ANSI/UL 746B-2018)  
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- ▶ ANSI/UL 746B-2020, Standard for Safety for Polymeric Materials – Long Term Property Evaluations (revision of ANSI/UL 746B-2019)  
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- ▶ ANSI/UL 746B-2020a, Standard for Safety for Polymeric Materials - Long Term Property Evaluations (revision of ANSI/UL 746B-2019)  
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- ▶ ANSI/UL 746B-2021, Standard for Safety for Polymeric Materials – Long Term Property Evaluations (revision of ANSI/UL 746B-2020)  
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- ▶ ANSI/UL 746B-2021a, Standard for Safety for Polymeric Materials – Long Term Property Evaluations (revision of ANSI/UL 746B-2021)  
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- ▶ ANSI/UL 746B-2022, Standard for Safety for Polymeric Materials – Long Term Property Evaluations (revision of ANSI/UL 746B-2021)  
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- ▶ ANSI/UL 746B-2022a, Standard for Safety for Polymeric Materials – Long Term Property Evaluations (revision of ANSI/UL 746B-2022)  
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- ▶ ANSI/UL 746C-2018, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2017)  
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- ▶ ANSI/UL 746C-2018a, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2017)  
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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 746C-2020, Standard for Safety for Polymeric Materials – Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2018)  
Public Review Date: Jan 10, 2020 | Final Action Date: Apr 20, 2020 | [Approved](#)

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- ▶ ANSI/UL 746C-2021, Standard for Safety for Polymeric Materials – Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2020)  
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- ▶ ANSI/UL 746C-2022, Standard for Safety for Polymeric Materials – Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2021)  
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- ▶ ANSI/UL 746D-2018, Standard for Safety for Polymeric Materials - Fabricated Parts (revision of ANSI/UL 746D-2014)  
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- ▶ ANSI/UL 746D-2021, Standard for Safety for Polymeric Materials – Fabricated Parts (revision of ANSI/UL 746D-2018)  
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- ▶ ANSI/UL 746D-2022, Standard for Safety for Polymeric Materials – Fabricated Parts (revision of ANSI/UL 746D-2021)  
Public Review Date: Apr 29, 2022 | Final Action Date: Jun 17, 2022 | [Approved](#)

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- ▶ ANSI/UL 746E-2019, Standard for Safety for Polymeric Materials - Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used In Printed-Wiring Boards (revision of ANSI/UL 746E-2017)  
Public Review Date: Sep 21, 2018 | Final Action Date: May 9, 2019 | [Approved](#)

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- ▶ ANSI/UL 746E-2019a, Standard for Safety for Polymeric Materials - Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used In Printed-Wiring Boards (revision of ANSI/UL 746E-2017)  
Public Review Date: Feb 1, 2019 | Final Action Date: May 9, 2019 | [Approved](#)

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- ▶ ANSI/UL 746E-2020, Standard for Safety for Polymeric Materials – Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used In Printed-Wiring Boards (revision of ANSI/UL 746E-2016)  
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- ▶ ANSI/UL 746E-2021, Standard for Safety for Polymeric Materials – Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used In Printed Wiring Boards (revision of ANSI/UL 746E-2020)  
Public Review Date: Jun 4, 2021 | Final Action Date: Sep 20, 2021 | [Approved](#)

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- ▶ ANSI/UL 746E-2022, Standard for Safety for Polymeric Materials – Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used In Printed Wiring Boards (revision of ANSI/UL 746E-2021)  
Public Review Date: Nov 19, 2021 | Final Action Date: Jan 21, 2022 | [Approved](#)

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- ▶ ANSI/UL 746E-2022a, Standard for Safety for Polymeric Materials – Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used In Printed Wiring Boards (revision of ANSI/UL 746E-2022)  
Public Review Date: May 6, 2022 | Final Action Date: Jun 20, 2022 | [Approved](#)

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- ▶ ANSI/UL 746F-2021, Standard for Safety for Polymeric Materials – Flexible Dielectric Film Materials for Use in Printed-Wiring Boards and Flexible Materials Interconnect Constructions (revision of ANSI/UL 746F-2016)  
Public Review Date: Oct 16, 2020 | Final Action Date: Feb 23, 2021 | [Approved](#)

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- ▶ ANSI/UL 746F-2021a, Standard for Safety for Polymeric Materials – Flexible Dielectric Film Materials for Use in Printed-Wiring Boards and Flexible Materials Interconnect Constructions (revision of ANSI/UL 746F-2021)  
Public Review Date: Jun 4, 2021 | Final Action Date: Aug 4, 2021 | [Approved](#)

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- ▶ ANSI/UL 746F-2022, Standard for Safety for Flexible Dielectric Film Materials for Use in Printed Wiring Boards and Flexible Materials Interconnect Constructions (revision of ANSI/UL 746F-2021)  
Public Review Date: Nov 19, 2021 | Final Action Date: Jan 21, 2022 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 746F-2022a, Standard for Safety for Flexible Dielectric Film Materials for Use in Printed Wiring Boards and Flexible Materials Interconnect Constructions (revision of ANSI/UL 746F-2022)  
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- ▶ ANSI/UL 749-2017, Standard for Safety for Household Dishwashers (revision of ANSI/UL 749-2013)  
Public Review Date: Nov 20, 2015 | Final Action Date: Mar 16, 2017 | [Approved](#)

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- ▶ ANSI/UL 749-2017a, Standard for Safety for Household Dishwashers (Proposal dated 10-7-16) (revision of ANSI/UL 749-2013)  
Public Review Date: Oct 7, 2016 | Final Action Date: Mar 16, 2017 | [Approved](#)

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- ▶ ANSI/UL 749-2018, Standard for Safety for Household Dishwashers (proposal dated 3-9-18) (revision of ANSI/UL 749-2017)  
Public Review Date: Mar 9, 2018 | Final Action Date: Nov 30, 2018 | [Approved](#)

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- ▶ ANSI/UL 749-2018a, Standard for Safety for Household Dishwashers (proposal dated 8-17-18) (revision of ANSI/UL 749-2017)  
Public Review Date: Aug 17, 2018 | Final Action Date: Nov 30, 2018 | [Approved](#)

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- ▶ ANSI/UL 751-2016, Standard for Safety for Refrigerated Vending Machines (revision of ANSI/UL 751-2014)  
Public Review Date: Apr 29, 2016 | Final Action Date: Jul 18, 2016 | [Approved](#)

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- ▶ ANSI/UL 751-2018, Standard for Safety for Vending Machines (revision of ANSI/UL 751-2016)  
Public Review Date: Jun 29, 2018 | Final Action Date: Oct 2, 2018 | [Approved](#)

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- ▶ ANSI/UL 752-2006 (R2021), Standard for Safety for Bullet-Resisting Equipment (reaffirmation of ANSI/UL 752-2006 (R2015))  
Public Review Date: Sep 4, 2020 | Final Action Date: Jan 20, 2021 | [Approved](#)

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- ▶ ANSI/UL 753-2013 (R2018), Standard for Alarm Accessories for Automatic Water-Supply Control Valves for Fire Protection Service (reaffirmation of ANSI/UL 753-2013)  
Public Review Date: Jun 1, 2018 | Final Action Date: Jul 20, 2018 | [Approved](#)

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- ▶ ANSI/UL 753-2020, Standard for Safety for Alarm Accessories for Automatic Water-Supply Control Valves for Fire-Protection Service (revision of ANSI/UL 753-2013 (R2018))  
Public Review Date: Jun 12, 2020 | Final Action Date: Aug 12, 2020 | [Approved](#)

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- ▶ ANSI/UL 758-2019, Standard for Safety for Appliance Wiring Material (revision of ANSI/UL 758-2017)  
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- ▶ ANSI/UL 758-2019a, Standard for Safety for Appliance Wiring Material (revision of ANSI/UL 758-2017)  
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- ▶ ANSI/UL 758-2020, Standard for Safety for Appliance Wiring Material (revision of ANSI/UL 758-2019)  
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- ▶ ANSI/UL 758-2020a, Standard for Safety for Appliance Wiring Material (Proposal dated 3/27/20) (revision of ANSI/UL 758-2019a)  
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- ▶ ANSI/UL 758-2021, Standard for Safety for Appliance Wiring Material (revision of ANSI/UL 758-2020)  
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- ▶ ANSI/UL 758-2021a, Standard for Safety for Appliance Wiring Material (revision of ANSI/UL 758-2021)  
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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 758-2021b, Standard for Safety for Appliance Wiring Material (revision of ANSI/UL 758-2021)  
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- ▶ ANSI/UL 758-2022, Standard for Appliance Wiring Material (November 5, 2021) (revision of ANSI/UL 758-2021)  
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- ▶ ANSI/UL 758-2022a, Standard for Appliance Wiring Material (revision of ANSI/UL 758-2022)  
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- ▶ ANSI/UL 763-2018, Standard for Safety for Motor-Operated Commercial Food Preparing Machines (revision of ANSI/UL 763-2014)  
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- ▶ ANSI/UL 763-2018a, Standard For Safety For Motor-Operated Commercial Food Preparing Machines (revision of ANSI/UL 763-2017)  
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- ▶ ANSI/UL 763-2020, Standard for Safety for Motor-Operated Commercial Food Preparing Machines (revision of ANSI/UL 763-2018)  
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- ▶ ANSI/UL 763-2022, Standard for Safety for Motor-Operated Commercial Food Preparing Machines (revision of ANSI/UL 763-2020)  
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- ▶ ANSI/UL 768-2013 (R2018), Standard for Combination Locks (reaffirmation of ANSI/UL 768-2013)  
Public Review Date: May 25, 2018 | Final Action Date: Jul 12, 2018 | [Approved](#)

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- ▶ ANSI/UL 771-2006 (R2020), Standard for Safety for Night Depositories (reaffirmation of ANSI/UL 771-2006 (R2015))  
Public Review Date: Aug 14, 2020 | Final Action Date: Nov 3, 2020 | [Approved](#)

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- ▶ ANSI/UL 773A-2016, Standard for Safety for Nonindustrial Photoelectric Switches for Lighting Controls (revision of ANSI/UL 773A-2006 (R2011))  
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- ▶ ANSI/UL 773A-2016a, Standard for Safety for Nonindustrial Photoelectric Switches for Lighting Control (revision of ANSI/UL 773A-2006 (R2011))  
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- ▶ ANSI/UL 773A-2018, Standard for Safety for Nonindustrial Photoelectric Switches for Lighting Control (revision of ANSI/UL 773A-2016)  
Public Review Date: Feb 23, 2018 | Final Action Date: May 25, 2018 | [Approved](#)

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- ▶ ANSI/UL 773A-2020, Standard for Safety for Nonindustrial Photoelectric Switches for Lighting Control (revision of ANSI/UL 773A-2018)  
Public Review Date: Nov 15, 2019 | Final Action Date: Jun 26, 2020 | [Approved](#)

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- ▶ ANSI/UL 778-2016, Standard for Safety for Motor-Operated Water Pumps (revision of ANSI/UL 778-2015)  
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- ▶ ANSI/UL 778-2016a, Standard for Safety for Motor-Operated Water Pumps (revision of ANSI/UL 778)  
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- ▶ ANSI/UL 778-2017, Standard for Safety for Motor-Operated Water Pumps (revision of ANSI/UL 778-2016)  
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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 778-2017a, Standard for Safety for Motor-Operated Water Pumps (revision of ANSI/UL 778-2016)  
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- ▶ ANSI/UL 778-2017b, Standard for Safety for Motor-Operated Water Pumps (revision of ANSI/UL 778-2016)  
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- ▶ ANSI/UL 778-2017c, Standard for Safety for Motor-Operated Water Pumps (revision of ANSI/UL 778-2016)  
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- ▶ ANSI/UL 778-2017d, Standard for Safety for Motor-Operated Water Pumps (revision of ANSI/UL 778-2016)  
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- ▶ ANSI/UL 778-2017e, Standard for Safety for Motor-Operated Water Pumps (revision of ANSI/UL 778-2017)  
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- ▶ ANSI/UL 778-2019, Standard for Motor-Operated Water Pumps (revision of ANSI/UL 778-2017)  
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- ▶ ANSI/UL 778-2020, Standard for Safety for Motor-Operated Water Pumps (revision of ANSI/UL 778-2019)  
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- ▶ ANSI/UL 778-2020a, Standard for Safety for Motor-Operated Water Pumps (revision of ANSI/UL 778-2019)  
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- ▶ ANSI/UL 778-2021, Standard for Safety for Motor-Operated Water Pumps (revision of ANSI/UL 778-2020)  
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- ▶ ANSI/UL 779-2020, Standard for Safety for Electrically Conductive Floorings (revision of ANSI/UL 779-2011 (R2016))  
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- ▶ ANSI/UL 783-2003 (R2020), Standard for Safety for Electric Flashlights and Lanterns for Hazardous Locations (reaffirmation of ANSI/UL 783-2003 (R2016))  
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- ▶ ANSI/UL 789-2018, Standard for Safety for Indicator Posts for Fire-Protection Service (revision of ANSI/UL 789-2003 (R2017))  
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- ▶ ANSI/UL 789-2018a, Standard for Safety for Indicator Posts for Fire-Protection Service (revision of ANSI/UL 789-2003 (R2017))  
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- ▶ ANSI/UL 79-2016, Standard for Safety for Power-Operated Pumps for Petroleum Dispensing Products (revision of ANSI/UL 79-2010 (R2014))  
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- ▶ ANSI/UL 79-2019, Standard for Safety for Power-Operated Pumps for Petroleum Dispensing Products (revision of ANSI/UL 79-2016)  
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- ▶ ANSI/UL 79-2020, Standard for Safety for Power-Operated Pumps for Petroleum Dispensing Products (revision of ANSI/UL 79-2019)  
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- ▶ ANSI/UL 79-2021, Standard for Safety for Power-Operated Pumps for Petroleum Dispensing Products (revision of ANSI/UL 79-2020)  
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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 790-2018, Standard For Safety For Standard Test Methods for Fire Tests of Roof Coverings (revision of ANSI/UL 790-2014)  
Public Review Date: Jun 22, 2018 | Final Action Date: Oct 19, 2018 | [Approved](#)

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- ▶ ANSI/UL 790-2022, Standard for Standard Test Methods for Fire Tests of Roof Coverings (October 1, 2021) (revision of ANSI/UL 790-2018)  
Public Review Date: Oct 1, 2021 | Final Action Date: Feb 18, 2022 | [Approved](#)

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- ▶ ANSI/UL 793-2020, Standard for Automatically Operated Roof Vents for Smoke and Heat (revision of ANSI/UL 793-2017)  
Public Review Date: Jul 31, 2020 | Final Action Date: Dec 15, 2020 | [Approved](#)

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- ▶ ANSI/UL 796-2019, Standard for Safety for Printed-Wiring Boards (revision of ANSI/UL 796-2016)  
Public Review Date: Sep 21, 2018 | Final Action Date: Jul 19, 2019 | [Approved](#)

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- ▶ ANSI/UL 796-2019a, Standard for Safety for Printed-Wiring Boards (revision of ANSI/UL 796-2016)  
Public Review Date: Feb 1, 2019 | Final Action Date: Jul 19, 2019 | [Approved](#)

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- ▶ ANSI/UL 796-2020, Standard for Safety for Printed Wiring Boards (revision of ANSI/UL 796-2016)  
Public Review Date: May 15, 2020 | Final Action Date: Sep 30, 2020 | [Approved](#)

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- ▶ ANSI/UL 796-2021, Standard for Safety for Printed Wiring Boards (revision of ANSI/UL 796-2020)  
Public Review Date: Jun 4, 2021 | Final Action Date: Aug 4, 2021 | [Approved](#)

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- ▶ ANSI/UL 796-2022, Standard for Safety for Printed Wiring Boards (revision of ANSI/UL 796-2021)  
Public Review Date: Nov 19, 2021 | Final Action Date: Mar 25, 2022 | [Approved](#)

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- ▶ ANSI/UL 796-2022a, Standard for Safety for Printed Wiring Boards (revision of ANSI/UL 796-2022)  
Public Review Date: Aug 5, 2022 | Final Action Date: Sep 7, 2022 | [Approved](#)

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- ▶ ANSI/UL 796F-2021, Standard for Safety for Flexible Materials Interconnect Constructions (revision of ANSI/UL 796F-2016)  
Public Review Date: Oct 16, 2020 | Final Action Date: Feb 23, 2021 | [Approved](#)

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- ▶ ANSI/UL 796F-2021a, Standard for Safety for Flexible Materials Interconnect Constructions (revision of ANSI/UL 796F-2021)  
Public Review Date: Jun 4, 2021 | Final Action Date: Aug 4, 2021 | [Approved](#)

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- ▶ ANSI/UL 796F-2022, Standard for Safety for Flexible Materials Interconnect Constructions (revision of ANSI/UL 796F-2021)  
Public Review Date: Nov 19, 2021 | Final Action Date: Jan 21, 2022 | [Approved](#)

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- ▶ ANSI/UL 796F-2022a, Flexible Materials Interconnect Constructions (revision of ANSI/UL 796F-2022)  
Public Review Date: Aug 26, 2022 | Final Action Date: Oct 4, 2022 | [Approved](#)

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- ▶ ANSI/UL 797-2021, Standard for Electrical Metallic Tubing - Steel (revision of ANSI/UL 797-2012 (R2017))  
Public Review Date: Jul 24, 2020 | Final Action Date: Mar 30, 2021 | [Approved](#)

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- ▶ ANSI/UL 797A-2017, Standard for Safety for Electrical Metallic Tubing - Aluminum and Stainless Steel (revision of ANSI/UL 797A-2014)  
Public Review Date: Dec 2, 2016 | Final Action Date: Jan 20, 2017 | [Approved](#)

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- ▶ ANSI/UL 797A-2020, Standard for Electrical Metallic Tubing – Aluminum and Stainless Steel (revision of ANSI/UL 797A-2017)  
Public Review Date: Aug 14, 2020 | Final Action Date: Nov 20, 2020 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 797A-2021, Electrical Metallic Tubing - Aluminum and Stainless Steel (revision of ANSI/UL 797A-2020)  
Public Review Date: Sep 10, 2021 | Final Action Date: Nov 17, 2021 | [Approved](#)

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- ▶ ANSI/UL 79A-2016, Standard for Safety for Power-Operated Pumps for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 79A-2015)  
Public Review Date: Mar 18, 2016 | Final Action Date: May 5, 2016 | [Approved](#)

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- ▶ ANSI/UL 79A-2020, Standard For Safety For Power-Operated Pumps for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 79-2016)  
Public Review Date: Nov 15, 2019 | Final Action Date: Mar 12, 2020 | [Approved](#)

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- ▶ ANSI/UL 79A-2020a, Standard for Safety for Power-Operated Pumps for Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 – E85) (revision of ANSI/UL 79A-2016)  
Public Review Date: Mar 20, 2020 | Final Action Date: May 14, 2020 | [Approved](#)

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- ▶ ANSI/UL 79B-2016, Standard for Safety for Power-Operated Pumps for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 79B-2015)  
Public Review Date: Mar 18, 2016 | Final Action Date: May 5, 2016 | [Approved](#)

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- ▶ ANSI/UL 79B-2020, Standard for Safety for Power-Operated Pumps for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 79B-2016)  
Public Review Date: Dec 27, 2019 | Final Action Date: Feb 20, 2020 | [Approved](#)

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- ▶ ANSI/UL 79B-2020a, Standard for Safety for Power-Operated Pumps for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 79B-2020)  
Public Review Date: Mar 20, 2020 | Final Action Date: May 14, 2020 | [Approved](#)

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- ▶ ANSI/UL 8-2016, Standard for Water Based Agent Fire Extinguishers (revision of ANSI/UL 8-2011)  
Public Review Date: Jun 24, 2016 | Final Action Date: Nov 25, 2016 | [Approved](#)

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- ▶ ANSI/UL 8-2020, Standard for Water Based Agent Fire Extinguishers (revision of ANSI/UL 8-2016)  
Public Review Date: Aug 14, 2020 | Final Action Date: Dec 23, 2020 | [Approved](#)

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- ▶ ANSI/UL 80-2009 (R2019), Standard for Safety for Steel Tanks for Oil-Burner Fuels and Other Combustible Liquids (reaffirmation of ANSI/UL 80-2009 (R2014))  
Public Review Date: Feb 15, 2019 | Final Action Date: Apr 26, 2019 | [Approved](#)

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- ▶ ANSI/UL 80079-20-1-2020, Standard for Safety for Explosive Atmospheres - Part 20-1: Material Characteristics for Gas and Vapour Classification – Test Methods and Data (national adoption with modifications of ISO/IEC 80079-20-1)  
PINS Date: Mar 20, 2009 | Public Review Date: Feb 21, 2020 | Final Action Date: Jun 2, 2020 | [Approved](#)

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- ▶ ANSI/UL 80079-20-2-2020, Standard for Safety for Explosive Atmospheres - Part 20-2: Material Characteristics – Combustible Dusts Test Methods (national adoption with modifications of ISO/IEC 80079-20-2)  
PINS Date: Mar 24, 2017 | Public Review Date: Feb 14, 2020 | Final Action Date: May 11, 2020 | [Approved](#)

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- ▶ ANSI/UL 80079-36-2021, Standard for Safety for Explosive Atmospheres - Part 36: Non-Electrical Equipment for Explosive Atmospheres – Basic Method and Requirements (national adoption with modifications of ISO/IEC 80079-36)  
Public Review Date: Mar 19, 2021 | Final Action Date: Jun 2, 2021 | [Approved](#)

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- ▶ ANSI/UL 80079-37-2021, Safety for Explosive Atmospheres - Part 37: Non-Electrical Equipment for Explosive Atmospheres –Non Electrical Type of Protection Constructional Safety c, Control of Ignition Source b Liquid Immersion k (national adoption with modifications of ISO/IEC 80079-37)  
Public Review Date: Mar 19, 2021 | Final Action Date: Jun 2, 2021 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 810-2019, Standard for Safety for Capacitors (revision of ANSI/UL 810-2014)  
Public Review Date: Aug 9, 2019 | Final Action Date: Oct 29, 2019 | [Approved](#)

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- ▶ ANSI/UL 810A-2012 (R2022), Standard for Electrochemical Capacitors (reaffirmation of ANSI/UL 810A-2012 (R2017))  
Public Review Date: Mar 11, 2022 | Final Action Date: May 3, 2022 | [Approved](#)

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- ▶ ANSI/UL 810B-2021, Standard for Safety for DC Power Capacitors (revision of ANSI/UL 810B-2016)  
Public Review Date: Apr 2, 2021 | Final Action Date: Jun 10, 2021 | [Approved](#)

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- ▶ ANSI/UL 8139-2018, Standard for Safety for Electrical Systems of Electronic Cigarettes and Vaping Devices (new standard)  
PINS Date: May 27, 2016 | Public Review Date: Oct 6, 2017 | Final Action Date: Apr 27, 2018 | [Approved](#)

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- ▶ ANSI/UL 8139-2018a, Standard for Safety for Electrical Systems of Electronic Cigarettes and Vaping Devices (new standard)  
PINS Date: May 27, 2016 | Public Review Date: Dec 22, 2017 | Final Action Date: Apr 27, 2018 | [Approved](#)

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- ▶ ANSI/UL 8139-2020, Standard for Safety for Electrical Systems of Electronic Cigarettes and Vaping Devices (revision of ANSI/UL 8139-2018)  
Public Review Date: Mar 13, 2020 | Final Action Date: Jul 6, 2020 | [Approved](#)

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- ▶ ANSI/UL 814-2011 (R2020), Standard for Safety for Gas-Tube-Sign Cable (reaffirmation of ANSI/UL 814-2011 (R2015))  
Public Review Date: Jul 24, 2020 | Final Action Date: Oct 6, 2020 | [Approved](#)

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- ▶ ANSI/UL 817-2017, Standard for Safety for Cord Sets and Power-Supply Cords (Proposal dated 1/27/17) (revision of ANSI/UL 817-2016)  
Public Review Date: Jan 27, 2017 | Final Action Date: May 5, 2017 | [Approved](#)

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- ▶ ANSI/UL 817-2017a, Standard for Safety for Cord Sets and Power-Supply Cords (revision of ANSI/UL 817-2016a)  
Public Review Date: Mar 31, 2017 | Final Action Date: May 5, 2017 | [Approved](#)

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- ▶ ANSI/UL 817-2018, Standard for Safety for Cord Sets and Power-Supply Cords (revision of ANSI/UL 817-2017)  
Public Review Date: Jun 15, 2018 | Final Action Date: Aug 20, 2018 | [Approved](#)

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- ▶ ANSI/UL 817-2021, Standard for Safety for Cord Sets and Power-Supply Cords (revision of ANSI/UL 817-2018)  
Public Review Date: Jan 1, 2021 | Final Action Date: Jun 23, 2021 | [Approved](#)

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- ▶ ANSI/UL 817-2021a, Standard for Safety for Cord Sets and Power-Supply Cords (revision of ANSI/UL 817-2018)  
Public Review Date: Nov 6, 2020 | Final Action Date: Feb 15, 2021 | [Approved](#)

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- ▶ ANSI/UL 817-2021b, Standard for Safety for Cord Sets and Power-Supply Cords (revision of ANSI/UL 817-2018)  
Public Review Date: Apr 30, 2021 | Final Action Date: Jul 28, 2021 | [Approved](#)

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- ▶ ANSI/UL 817-2021c, Standard for Safety for Cord Sets and Power-Supply Cords (revision of ANSI/UL 817-2021)  
Public Review Date: Jul 16, 2021 | Final Action Date: Sep 22, 2021 | [Approved](#)

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- ▶ ANSI/UL 82-2018, Standard for Safety for Electric Gardening Appliances (revision of ANSI/UL 82-2016)  
Public Review Date: Aug 24, 2018 | Final Action Date: Oct 26, 2018 | [Approved](#)

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- ▶ ANSI/UL 82-2020, UL 82, Standard for Safety for Electric Gardening Appliances (revision of ANSI/UL 82-2018)  
Public Review Date: Feb 14, 2020 | Final Action Date: May 1, 2020 | [Approved](#)

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- ▶ ANSI/UL 82-2021, Standard for Safety for Electric Gardening Appliances (revision of ANSI/UL 82-2020)  
Public Review Date: Mar 12, 2021 | Final Action Date: May 7, 2021 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 82-2023, Standard for Safety for Electric Gardening Appliances (revision of ANSI/UL 82-2021)  
Public Review Date: Sep 23, 2022 | Final Action Date: Jan 18, 2023 | [Approved](#)

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- ▶ ANSI/UL 823-2019, Standard for Safety for Electric Heaters for Use in Hazardous (Classified) Locations (revision of ANSI/UL 823-2007 (R2016))  
Public Review Date: Feb 15, 2019 | Final Action Date: Apr 16, 2019 | [Approved](#)

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- ▶ ANSI/UL 823-2021, Standard for Safety for Electric Heaters for Use in Hazardous (Classified) Locations Electric Heaters (revision of ANSI/UL 823-2019)  
Public Review Date: Oct 23, 2020 | Final Action Date: Jan 11, 2021 | [Approved](#)

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- ▶ ANSI/UL 827-2018, Standard for Safety for Central-Station Alarm Services (revision of ANSI/UL 827-2016)  
Public Review Date: Feb 23, 2018 | Final Action Date: Apr 18, 2018 | [Approved](#)

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- ▶ ANSI/UL 827-2019, Standard for Safety for Central Station Alarm Services (revision of ANSI/UL 827-2018)  
Public Review Date: Dec 14, 2018 | Final Action Date: Apr 11, 2019 | [Approved](#)

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- ▶ ANSI/UL 827-2019a, Standard for Safety for Central-Station Alarm Services (revision of ANSI/UL 827-2018)  
Public Review Date: Feb 15, 2019 | Final Action Date: Apr 11, 2019 | [Approved](#)

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- ▶ ANSI/UL 827-2019b, Standard for Safety for Central-Station Alarm Services (revision of ANSI/UL 827-2019)  
Public Review Date: Aug 23, 2019 | Final Action Date: Oct 18, 2019 | [Approved](#)

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- ▶ ANSI/UL 827-2020, Standard for Safety for Central-Station Alarm Services (revision of ANSI/UL 827-2019)  
Public Review Date: Nov 15, 2019 | Final Action Date: May 20, 2020 | [Approved](#)

---
- ▶ ANSI/UL 827-2020a, Standard for Safety for Central-Station Alarm Services (revision of ANSI/UL 827-2019)  
Public Review Date: Sep 25, 2020 | Final Action Date: Oct 27, 2020 | [Approved](#)

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- ▶ ANSI/UL 827-2021, Standard for Safety for Central-Station Alarm Services (revision of ANSI/UL 827-2020)  
Public Review Date: May 28, 2021 | Final Action Date: Sep 15, 2021 | [Approved](#)

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- ▶ ANSI/UL 827-2022, Standard for Central-Station Alarm Services (August 5, 2022) (revision of ANSI/UL 827-2021)  
Public Review Date: Aug 5, 2022 | Final Action Date: Sep 23, 2022 | [Approved](#)

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- ▶ ANSI/UL 83-2017, Standard for Safety for Thermoplastic-Insulated Wires and Cables (Proposal dated 2/24/17) (revision of ANSI/UL 83-2014)  
Public Review Date: Feb 24, 2017 | Final Action Date: Jul 28, 2017 | [Approved](#)

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- ▶ ANSI/UL 83-2017a, Standard for Safety for Thermoplastic-Insulated Wires and Cables (proposal dated 7-1-16) (revision of ANSI/UL 83-2014)  
Public Review Date: Jul 1, 2016 | Final Action Date: Jul 28, 2017 | [Approved](#)

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- ▶ ANSI/UL 83-2020, Standard for Safety for Thermoplastic-Insulated Wires and Cables (revision of ANSI/UL 83-2017)  
Public Review Date: Dec 20, 2019 | Final Action Date: Apr 10, 2020 | [Approved](#)

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- ▶ ANSI/UL 834-2018, Standard for Safety for Heating, Water Supply, and Power Boilers - Electric (revision of ANSI/UL 834-2013)  
Public Review Date: Dec 1, 2017 | Final Action Date: Jan 10, 2018 | [Approved](#)

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- ▶ ANSI/UL 834-2018a, Standard for Safety for Heating, Water Supply, and Power Boilers - Electric (revision of ANSI/UL 834-2018)  
Public Review Date: Aug 3, 2018 | Final Action Date: Sep 24, 2018 | [Approved](#)

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- ▶ ANSI/UL 834-2019, Standard for Safety for Heating, Water Supply, and Power Boilers - Electric (revision of ANSI/UL 834-2018a)  
Public Review Date: May 17, 2019 | Final Action Date: Jul 11, 2019 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 83A-2016 (R2021), Standard for Safety for Fluoropolymer Insulated Wire (reaffirmation of ANSI/UL 83A-2016)  
Public Review Date: Sep 10, 2021 | Final Action Date: Nov 12, 2021 | [Approved](#)

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- ▶ ANSI/UL 83B-2020, Standard for Safety for Switchboard and Switchgear Wires and Cables (new standard)  
PINS Date: May 29, 2020 | Public Review Date: Jul 17, 2020 | Final Action Date: Oct 15, 2020 | [Approved](#)

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- ▶ ANSI/UL 840-2012 (R2022), Standard for Insulation Coordination Including Clearances and Creepage Distances for Electrical Equipment (reaffirmation of ANSI/UL 840-2012 (R2016))  
Public Review Date: Feb 4, 2022 | Final Action Date: Apr 19, 2022 | [Approved](#)

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- ▶ ANSI/UL 842-2017, Standard for Safety for Valves for Flammable Fluids (revision of ANSI/UL 842-2015)  
Public Review Date: Sep 15, 2017 | Final Action Date: Oct 26, 2017 | [Approved](#)

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- ▶ ANSI/UL 842-2020, Standard for Safety for Valves for Flammable and Combustible Liquids (revision of ANSI/UL 842-2015)  
Public Review Date: Jan 31, 2020 | Final Action Date: Aug 25, 2020 | [Approved](#)

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- ▶ ANSI/UL 842A-2019, Standard for Safety for Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 842A-2017)  
Public Review Date: Nov 16, 2018 | Final Action Date: Apr 1, 2019 | [Approved](#)

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- ▶ ANSI/UL 842A-2022, Standard for Safety for Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 842A-2019)  
Public Review Date: Jul 22, 2022 | Final Action Date: Nov 1, 2022 | [Approved](#)

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- ▶ ANSI/UL 842B-2020, Standard For Safety For Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 842B-2015)  
Public Review Date: Jan 31, 2020 | Final Action Date: Jun 3, 2020 | [Approved](#)

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- ▶ ANSI/UL 842B-2022, Standard for Safety for Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 842B-2020)  
Public Review Date: Jul 22, 2022 | Final Action Date: Nov 1, 2022 | [Approved](#)

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- ▶ ANSI/UL 844-2017, Standard for Safety for Luminaires for Use in Hazardous (Classified) Locations (proposal dated 08-18-17) (revision of ANSI/UL 844-2016)  
Public Review Date: Aug 18, 2017 | Final Action Date: Oct 6, 2017 | [Approved](#)

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- ▶ ANSI/UL 844-2019, Standard for Safety for Luminaires for Use in Hazardous (Classified) Locations (revision of ANSI/UL 844-2017)  
Public Review Date: Feb 1, 2019 | Final Action Date: Mar 19, 2019 | [Approved](#)

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- ▶ ANSI/UL 844-2020, Standard for Safety for Luminaires for Use in Hazardous (Classified) Locations (revision of ANSI/UL 844-2019)  
Public Review Date: May 22, 2020 | Final Action Date: Jun 30, 2020 | [Approved](#)

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- ▶ ANSI/UL 844-2021, Standard for Safety for Luminaires for Use in Hazardous (Classified) Locations (revision of ANSI/UL 844-2020)  
Public Review Date: Sep 3, 2021 | Final Action Date: Oct 11, 2021 | [Approved](#)

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- ▶ ANSI/UL 845-2018, Standard for Safety for Motor Control Centers (revision of ANSI/UL 845-2011)  
Public Review Date: Mar 23, 2018 | Final Action Date: Oct 31, 2018 | [Approved](#)

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- ▶ ANSI/UL 845-2018a, Standard for Safety for Motor Control Centers (revision of ANSI/UL 845-2011)  
Public Review Date: Aug 24, 2018 | Final Action Date: Oct 31, 2018 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 845-2021, Standard for Safety for Motor Control Centers (revision of ANSI/UL 845-2018)  
Public Review Date: Jan 29, 2021 | Final Action Date: Jun 28, 2021 | [Approved](#)

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- ▶ ANSI/UL 852-2018, Standard for Safety for Metallic Sprinkler Pipe for Fire Protection Service (revision of ANSI/UL 852-2010 (R2014))  
Public Review Date: Jun 15, 2018 | Final Action Date: Aug 23, 2018 | [Approved](#)

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- ▶ ANSI/UL 854-2020, Standard for Safety for Service-Entrance Cables (revision of ANSI/UL 854-2014)  
Public Review Date: Sep 6, 2019 | Final Action Date: Jan 10, 2020 | [Approved](#)

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- ▶ ANSI/UL 854-2023, Standard for Safety for Service-Entrance Cables (revision of ANSI/UL 854-2020)  
Public Review Date: Sep 23, 2022 | Final Action Date: Jan 4, 2023 | [Approved](#)

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- ▶ ANSI/UL 857-2021, Standard for Safety for Busways (revision of ANSI/UL 857-2011 (R2016))  
Public Review Date: Jan 8, 2021 | Final Action Date: Apr 9, 2021 | [Approved](#)

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- ▶ ANSI/UL 858-2017a, Standard for Safety for Household Electric Ranges (revision of ANSI/UL 858-2017)  
Public Review Date: Apr 7, 2017 | Final Action Date: Aug 30, 2017 | [Approved](#)

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- ▶ ANSI/UL 858-2017b, Standard for Safety for Household Electric Ranges (revision of ANSI/UL 858-2017)  
Public Review Date: Jul 7, 2017 | Final Action Date: Aug 30, 2017 | [Approved](#)

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- ▶ ANSI/UL 858-2017c, Standard for Safety for Household Electric Ranges (revision of ANSI/UL 858-2017)  
Public Review Date: Jul 28, 2017 | Final Action Date: Nov 1, 2017 | [Approved](#)

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- ▶ ANSI/UL 858-2017d, Standard for Safety for Household Electric Ranges (revision of ANSI/UL 858-2017)  
Public Review Date: Sep 22, 2017 | Final Action Date: Nov 1, 2017 | [Approved](#)

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- ▶ ANSI/UL 858-2018, Standard for Safety for Household Electric Ranges (revision of ANSI/UL 858-2017)  
Public Review Date: Mar 30, 2018 | Final Action Date: Jun 4, 2018 | [Approved](#)

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- ▶ ANSI/UL 858-2019, Standard for Safety for Household Electric Ranges (revision of ANSI/UL 858-2018)  
Public Review Date: Apr 19, 2019 | Final Action Date: Sep 12, 2019 | [Approved](#)

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- ▶ ANSI/UL 858-2022, Standard for Safety for Household Electric Ranges (revision of ANSI/UL 858-2019)  
Public Review Date: Nov 19, 2021 | Final Action Date: Apr 18, 2022 | [Approved](#)

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- ▶ ANSI/UL 859-2021, Standard for Safety for Household Electric Personal Grooming Appliances (revision of ANSI/UL 859-2016)  
Public Review Date: May 7, 2021 | Final Action Date: Jul 14, 2021 | [Approved](#)

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- ▶ ANSI/UL 859-2022, Standard for Safety for Household Electric Personal Grooming Appliances (September 9, 2022) (revision of ANSI/UL 859-2021)  
Public Review Date: Sep 23, 2022 | Final Action Date: Nov 11, 2022 | [Approved](#)

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- ▶ ANSI/UL 864-2018, Standard for Safety for Control Units and Accessories for Fire Alarm Systems (revision of ANSI/UL 864-2014)  
Public Review Date: Sep 8, 2017 | Final Action Date: Mar 29, 2018 | [Approved](#)

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- ▶ ANSI/UL 864-2018a, Standard for Safety for Control Units and Accessories for Fire Alarm Systems (revision of ANSI/UL 864-2014)  
Public Review Date: Feb 16, 2018 | Final Action Date: Mar 29, 2018 | [Approved](#)

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- ▶ ANSI/UL 864-2020, Standard for Safety for Control Units and Accessories for Fire Alarm Systems (revision of ANSI/UL 864-2018)  
Public Review Date: Feb 14, 2020 | Final Action Date: May 7, 2020 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 867-2016, Standard for Safety for Electrostatic Air Cleaners (proposal dated 7-29-16) (revision of ANSI/UL 867-2013)  
Public Review Date: Jul 29, 2016 | Final Action Date: Sep 16, 2016 | [Approved](#)

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- ▶ ANSI/UL 867-2018, Standard for Safety for Electrostatic Air Cleaners (revision of ANSI/UL 867-2016)  
Public Review Date: Mar 2, 2018 | Final Action Date: Aug 7, 2018 | [Approved](#)

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- ▶ ANSI/UL 867-2021, Standard For Safety For Electrostatic Air Cleaners (revision of ANSI/UL 867-2018)  
Public Review Date: Jun 4, 2021 | Final Action Date: Aug 17, 2021 | [Approved](#)

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- ▶ ANSI/UL 870-2016, Wireways, Auxiliary Gutters, and Associated Fittings (revision of ANSI/UL 870-2013)  
Public Review Date: Jan 22, 2016 | Final Action Date: Mar 3, 2016 | [Approved](#)

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- ▶ ANSI/UL 870-2019, Standard for Wireways, Auxiliary Gutters, and Associated Fittings (revision of ANSI/UL 870-2016)  
Public Review Date: Oct 26, 2018 | Final Action Date: Mar 18, 2019 | [Approved](#)

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- ▶ ANSI/UL 875-2016, Standard for Safety for Electric Dry-Bath Heaters (Proposal dated 8-19-2016) (revision of ANSI/UL 875-2011)  
Public Review Date: Aug 19, 2016 | Final Action Date: Nov 11, 2016 | [Approved](#)

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- ▶ ANSI/UL 875-2017, Standard for Safety for Electric Dry-Bath Heaters (revision of ANSI/UL 875-2016)  
Public Review Date: Apr 14, 2017 | Final Action Date: Jul 26, 2017 | [Approved](#)

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- ▶ ANSI/UL 875-2017a, Standard for Safety for Electric Dry-Bath Heaters (revision of ANSI/UL 875-2016)  
Public Review Date: Jun 23, 2017 | Final Action Date: Jul 26, 2017 | [Approved](#)

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- ▶ ANSI/UL 875-2017b, Standard for Safety for Electric Dry-Bath Heaters (revision of ANSI/UL 875-2016)  
Public Review Date: Aug 4, 2017 | Final Action Date: Sep 20, 2017 | [Approved](#)

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- ▶ ANSI/UL 875-2020, Standard for Safety for Electric Dry-Bath Heaters (revision of ANSI/UL 875-2017)  
Public Review Date: Oct 9, 2020 | Final Action Date: Nov 19, 2020 | [Approved](#)

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- ▶ ANSI/UL 8750-2017d, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2016)  
Public Review Date: Apr 7, 2017 | Final Action Date: Dec 18, 2017 | [Approved](#)

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- ▶ ANSI/UL 8750-2017e, Standard for Safety for Light Emitting Diode (LED) Equipment For Use In Lighting Products (proposal dated 10-27-17) (revision of ANSI/UL 8750-2017)  
Public Review Date: Oct 27, 2017 | Final Action Date: Dec 18, 2017 | [Approved](#)

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- ▶ ANSI/UL 8750-2018, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2016)  
Public Review Date: Aug 4, 2017 | Final Action Date: Feb 5, 2018 | [Approved](#)

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- ▶ ANSI/UL 8750-2018a, Standard for Safety for Light Emitting Diode (LED) Equipment For Use In Lighting Products (proposal dated 12-15-17) (revision of ANSI/UL 8750-2017)  
Public Review Date: Dec 15, 2017 | Final Action Date: Feb 5, 2018 | [Approved](#)

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- ▶ ANSI/UL 8750-2018b, Standard for Safety for Light Emitting Diode (LED) Equipment For Use In Lighting Products (proposal dated 5-4-18) (revision of ANSI/UL 8750-2018)  
Public Review Date: May 4, 2018 | Final Action Date: Aug 22, 2018 | [Approved](#)

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- ▶ ANSI/UL 8750-2019, Standard for Safety for Light Emitting Diode (LED) Equipment For Use In Lighting Products (proposal dated 5-17-19) (revision of BSR/UL 8750-201X)  
Public Review Date: May 17, 2019 | Final Action Date: Jul 30, 2019 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 8750-2019A, Standard for Safety for Light Emitting Diode (LED) Equipment For Use In Lighting Products (proposal dated 9-14-18) (revision of ANSI/UL 8750-2018)  
Public Review Date: Sep 14, 2018 | Final Action Date: Jul 30, 2019 | [Approved](#)

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- ▶ ANSI/UL 8750-2019b, Standard for Safety for Light Emitting Diode (LED) Equipment For Use In Lighting Products (proposal dated 7-26-19) (revision of BSR/UL 8750-201X)  
Public Review Date: Jul 26, 2019 | Final Action Date: Oct 11, 2019 | [Approved](#)

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- ▶ ANSI/UL 8750-2020, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2019)  
Public Review Date: Mar 6, 2020 | Final Action Date: Apr 28, 2020 | [Approved](#)

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- ▶ ANSI/UL 8750-2020a, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2020)  
Public Review Date: Jun 19, 2020 | Final Action Date: Sep 11, 2020 | [Approved](#)

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- ▶ ANSI/UL 8750-2021a, Standard for Safety for Light Emitting Diode (LED) Equipment For Use In Lighting Products (revision of ANSI/UL 8750-2021)  
Public Review Date: Jul 23, 2021 | Final Action Date: Sep 23, 2021 | [Approved](#)

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- ▶ ANSI/UL 8750-2021b, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2021)  
Public Review Date: May 28, 2021 | Final Action Date: Jul 6, 2021 | [Approved](#)

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- ▶ ANSI/UL 8750-2022, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2021)  
Public Review Date: Sep 16, 2022 | Final Action Date: Dec 7, 2022 | [Approved](#)

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- ▶ ANSI/UL 8752-2012 (R2018), Standard for Safety for Organic Light Emitting Diode (OLED) Panels (reaffirmation of ANSI/UL 8752-2012)  
Public Review Date: Feb 16, 2018 | Final Action Date: Aug 3, 2018 | [Approved](#)

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- ▶ ANSI/UL 8753-2013 (R2018), Standard for Safety for Standard for Field-Replaceable Light Emitting Diode (LED) Engines (reaffirmation of ANSI/UL 8753-2013)  
Public Review Date: Feb 16, 2018 | Final Action Date: Aug 3, 2018 | [Approved](#)

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- ▶ ANSI/UL 8754-2014 (R2018), Standard for Safety for Standard for Holders, Bases and Connectors for Solid-State (LED) Light Engines and Arrays (reaffirmation of ANSI/UL 8754-2014)  
Public Review Date: Mar 23, 2018 | Final Action Date: Aug 3, 2018 | [Approved](#)

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- ▶ ANSI/UL 879-2022, Standard for Safety for Sign Components (revision of ANSI/UL 879-2009 (R2019))  
Public Review Date: Jun 18, 2021 | Final Action Date: Apr 22, 2022 | [Approved](#)

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- ▶ ANSI/UL 879A-2016 (R2022), Standard for Safety for LED Sign and Sign Retrofit Kits (reaffirmation of ANSI/UL 879A-2016)  
Public Review Date: Aug 20, 2021 | Final Action Date: May 19, 2022 | [Approved](#)

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- ▶ ANSI/UL 87A-2016, Standard for Safety for Power-Operated Dispensing Devices for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 87A-2015)  
Public Review Date: Jan 22, 2016 | Final Action Date: Mar 22, 2016 | [Approved](#)

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- ▶ ANSI/UL 87A-2017, Standard for Safety for Power-Operated Dispensing Devices for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 87A-2016)  
Public Review Date: Jun 30, 2017 | Final Action Date: Aug 31, 2017 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 87A-2018, Standard for Safety for Power-Operated Dispensing Devices for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 87A-2017)  
Public Review Date: Mar 30, 2018 | Final Action Date: Jun 27, 2018 | [Approved](#)

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- ▶ ANSI/UL 87A-2018a, Standard for Safety for Power-Operated Dispensing Devices for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 87A-2017)  
Public Review Date: May 18, 2018 | Final Action Date: Jun 27, 2018 | [Approved](#)

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- ▶ ANSI/UL 87A-2019, Standard for Safety for Power-Operated Dispensing Devices for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 87A-2018)  
Public Review Date: Apr 5, 2019 | Final Action Date: Jun 4, 2019 | [Approved](#)

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- ▶ ANSI/UL 87A-2019a, Standard for Safety for Power-Operated Dispensing Devices for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 – E85) (revision of ANSI/UL 87A-2019)  
Public Review Date: Oct 25, 2019 | Final Action Date: Dec 12, 2019 | [Approved](#)

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- ▶ ANSI/UL 87B-2016, Standard for Safety for Power-Operated Dispensing Devices for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 87B-2015)  
Public Review Date: Jan 22, 2016 | Final Action Date: Mar 22, 2016 | [Approved](#)

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- ▶ ANSI/UL 87B-2017, Standard for Safety for Power-Operated Dispensing Devices for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 87B-2016)  
Public Review Date: Jun 30, 2017 | Final Action Date: Sep 7, 2017 | [Approved](#)

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- ▶ ANSI/UL 87B-2019, Standard for Safety for Power-Operated Dispensing Devices for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 87B-2017)  
Public Review Date: Apr 5, 2019 | Final Action Date: Jun 4, 2019 | [Approved](#)

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- ▶ ANSI/UL 87B-2019a, Standard for Safety for Power-Operated Dispensing Devices for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 87B-2019)  
Public Review Date: Oct 25, 2019 | Final Action Date: Dec 12, 2019 | [Approved](#)

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- ▶ ANSI/UL 8800-2019, Standard for Safety for Horticultural Lighting Equipment and Systems (new standard)  
PINS Date: May 11, 2018 | Public Review Date: Jun 14, 2019 | Final Action Date: Aug 30, 2019 | [Approved](#)

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- ▶ ANSI/UL 8800-2021, Standard for Horticultural Lighting Equipment and Systems (revision of ANSI/UL 8800-2019)  
Public Review Date: Jul 30, 2021 | Final Action Date: Nov 12, 2021 | [Approved](#)

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- ▶ ANSI/UL 8801-2022, Standard for Safety for Photovoltaic (PV) Luminaire Systems (new standard)  
Public Review Date: Mar 11, 2022 | Final Action Date: Jun 15, 2022 | [Approved](#)

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- ▶ ANSI/UL 884-2016 (R2020), Standard for Underfloor Raceways and Fittings (reaffirmation of ANSI/UL 884-2016)  
Public Review Date: Jun 12, 2020 | Final Action Date: Aug 25, 2020 | [Approved](#)

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- ▶ ANSI/UL 887-2004 (R2018), Standard for Safety for Delayed-Action Timelocks (reaffirmation of ANSI/UL 887-2004 (R2013))  
Public Review Date: Apr 13, 2018 | Final Action Date: Jun 26, 2018 | [Approved](#)

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- ▶ ANSI/UL 891-2019, Standard for Safety for Switchboards (revision of ANSI/UL 891-2012)  
Public Review Date: Apr 27, 2018 | Final Action Date: Jul 19, 2019 | [Approved](#)

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- ▶ ANSI/UL 891-2019A, Standard for Safety for Switchboards (revision of ANSI/UL 891-2012)  
Public Review Date: Nov 9, 2018 | Final Action Date: Jul 19, 2019 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 9-2015 (R2020), Standard for Fire Tests of Window Assemblies (reaffirmation of ANSI/UL 9-2015)  
Public Review Date: Nov 29, 2019 | Final Action Date: Mar 20, 2020 | [Approved](#)

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- ▶ ANSI/UL 900-2012, Standard for Safety for Air Filter Units (Proposal dated 10-07-11) (revision of ANSI/UL 900-2009)  
Public Review Date: Oct 7, 2011 | Final Action Date: Feb 14, 2012 | [Approved](#)

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- ▶ ANSI/UL 907-2006 (R2019), Standard for Safety for Fireplace Accessories (reaffirmation of ANSI/UL 907-2006 (R2014))  
Public Review Date: Jun 28, 2019 | Final Action Date: Aug 19, 2019 | [Approved](#)

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- ▶ ANSI/UL 913-2022, Standard for Safety for Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations (revision of ANSI/UL 913-2019)  
Public Review Date: Apr 1, 2022 | Final Action Date: May 10, 2022 | [Approved](#)

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- ▶ ANSI/UL 920001-2011 (R2021), Standard for Safety for Performance Requirements for Toxic Gas Detectors (reaffirmation of ANSI/UL 920001-2011 (R2015))  
Public Review Date: Mar 19, 2021 | Final Action Date: Jun 14, 2021 | [Approved](#)

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- ▶ ANSI/UL 920002-2017 (R2021), Standard for Safety for Installation, Operation, and Maintenance of Toxic Gas-Detection Instruments (reaffirmation of ANSI/UL 920002-2017)  
Public Review Date: Jun 25, 2021 | Final Action Date: Sep 24, 2021 | [Approved](#)

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- ▶ ANSI/UL 920004-2014 (R2022), Standard for Safety for Performance Requirements for Open Path Toxic Gas Detectors (reaffirmation of ANSI/UL 920004-2014 (R2017))  
Public Review Date: Sep 24, 2021 | Final Action Date: Jan 13, 2022 | [Approved](#)

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- ▶ ANSI/UL 920401, Part 1-2007 (R2022), Standard for Safety for Performance Requirements for Instruments Used to Detect Oxygen-Deficient/Oxygen-Enriched Atmospheres (reaffirmation of ANSI/UL 920401, Part 1-2007 (R2017))  
Public Review Date: Jan 21, 2022 | Final Action Date: Mar 15, 2022 | [Approved](#)

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- ▶ ANSI/UL 921-2016, Standard for Safety for Commercial Dishwashers (revision of ANSI/UL 921-2012)  
Public Review Date: Oct 2, 2015 | Final Action Date: Mar 23, 2016 | [Approved](#)

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- ▶ ANSI/UL 921-2017, Standard for Safety for Commercial Dishwashers (revision of ANSI/UL 921-2016)  
Public Review Date: Dec 16, 2016 | Final Action Date: Sep 20, 2017 | [Approved](#)

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- ▶ ANSI/UL 921-2020, Standard for Safety for Commercial Dishwashers (revision of ANSI/UL 921-2017)  
Public Review Date: Sep 13, 2019 | Final Action Date: Jan 30, 2020 | [Approved](#)

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- ▶ ANSI/UL 923-2015b, Standard for Safety for Microwave Cooking Appliances (revision of ANSI/UL 923-2013a)  
Public Review Date: Jun 19, 2015 | Final Action Date: Nov 11, 2015 | [Approved](#)

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- ▶ ANSI/UL 923-2015c, Standard for Safety for Microwave Cooking Appliances (revision of ANSI/UL 923-2015a)  
Public Review Date: Sep 25, 2015 | Final Action Date: Nov 11, 2015 | [Approved](#)

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- ▶ ANSI/UL 923-2017, Standard for Safety for Microwave Cooking Appliances (revision of ANSI/UL 923-2017)  
Public Review Date: Jun 9, 2017 | Final Action Date: Jul 19, 2017 | [Approved](#)

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- ▶ ANSI/UL 923-2017a, Standard for Safety for Microwave Cooking Appliances (revision of ANSI/UL 923-2015)  
Public Review Date: Feb 24, 2017 | Final Action Date: Apr 12, 2017 | [Approved](#)

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- ▶ ANSI/UL 923-2017b, Standard for Safety for Microwave Cooking Appliances (revision of ANSI/UL 923-2015)  
Public Review Date: Oct 28, 2016 | Final Action Date: Apr 12, 2017 | [Approved](#)

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- ▶ ANSI/UL 923-2019, Standard for Safety for Microwave Cooking Appliances (revision of ANSI/UL 923-2017b)  
Public Review Date: Oct 26, 2018 | Final Action Date: Jan 3, 2019 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 923-2019a, Standard for Safety for Microwave Cooking Appliances (revision of ANSI/UL 923-2017b)  
Public Review Date: Aug 3, 2018 | Final Action Date: Feb 13, 2019 | [Approved](#)

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- ▶ ANSI/UL 923-2020, Standard for Safety for Microwave Cooking Appliances (revision of ANSI/UL 923-2019)  
Public Review Date: Jun 26, 2020 | Final Action Date: Aug 27, 2020 | [Approved](#)

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- ▶ ANSI/UL 924-2022, Standard for Safety for Emergency Lighting and Power Equipment (revision of ANSI/UL 924-2020)  
Public Review Date: Oct 21, 2022 | Final Action Date: Dec 14, 2022 | [Approved](#)

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- ▶ ANSI/UL 935-2014 (R2018), Standard for Fluorescent-Lamp Ballasts (reaffirmation of ANSI/UL 935-2014)  
Public Review Date: Nov 2, 2018 | Final Action Date: Dec 18, 2018 | [Approved](#)

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- ▶ ANSI/UL 94-2017a, Standard for Safety for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94-2017)  
Public Review Date: May 19, 2017 | Final Action Date: Sep 25, 2017 | [Approved](#)

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- ▶ ANSI/UL 94-2018, Standard for Safety for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94-2017)  
Public Review Date: Jan 19, 2018 | Final Action Date: May 30, 2018 | [Approved](#)

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- ▶ ANSI/UL 94-2020, Standard for Safety for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94-2018)  
Public Review Date: Aug 30, 2019 | Final Action Date: Jun 11, 2020 | [Approved](#)

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- ▶ ANSI/UL 94-2020a, Standard for Safety for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94-2018)  
Public Review Date: May 1, 2020 | Final Action Date: Jun 11, 2020 | [Approved](#)

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- ▶ ANSI/UL 94-2021, Standard for Safety for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94-2020)  
Public Review Date: Jan 8, 2021 | Final Action Date: Mar 22, 2021 | [Approved](#)

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- ▶ ANSI/UL 94-2021a, Standard for Safety for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94-2020)  
Public Review Date: Jan 22, 2021 | Final Action Date: May 6, 2021 | [Approved](#)

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- ▶ ANSI/UL 94-2022, Standard for Safety for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94-2021)  
Public Review Date: Feb 4, 2022 | Final Action Date: Mar 11, 2022 | [Approved](#)

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- ▶ ANSI/UL 94-2022a, Standard for Safety for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94-2021)  
Public Review Date: Feb 11, 2022 | Final Action Date: Apr 1, 2022 | [Approved](#)

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- ▶ ANSI/UL 943-2016, Standard for Safety for Ground-Fault Circuit-Interrupters (revision of ANSI/UL 943-2012)  
Public Review Date: Jan 8, 2016 | Final Action Date: May 17, 2016 | [Approved](#)

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- ▶ ANSI/UL 943-2018, Standard for Safety for Ground-Fault Circuit-Interrupters (revision of ANSI/UL 943-2016)  
Public Review Date: Aug 25, 2017 | Final Action Date: Feb 23, 2018 | [Approved](#)

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- ▶ ANSI/UL 943B-2017 (R2023), Standard for Safety for Appliance Leakage-Current Interrupters (reaffirmation of ANSI/UL 943B-2017)  
Public Review Date: Nov 4, 2022 | Final Action Date: Jan 10, 2023 | [Approved](#)

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- ▶ ANSI/UL 943B-2017a, Standard for Safety for Appliance Leakage-Current Interrupters (revision of ANSI/UL 943B-2011 (R2016))  
Public Review Date: Jan 20, 2017 | Final Action Date: Oct 26, 2016 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 9540-2016, Standard for Safety for Energy Storage Systems and Equipment (new standard)  
PINS Date: Jan 3, 2014 | Public Review Date: Nov 13, 2015 | Final Action Date: Nov 21, 2016 | [Approved](#)

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- ▶ ANSI/UL 9540-2020, Standard for Safety for Energy Storage Systems and Equipment (revision of ANSI/UL 9540-2016)  
PINS Date: Dec 28, 2018 | Public Review Date: Dec 20, 2019 | Final Action Date: Feb 27, 2020 | [Approved](#)

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- ▶ ANSI/UL 9540A-2019, Standard for Safety for Test Method for Evaluating Thermal Runaway Fire Propagation in Battery Energy Storage Systems (new standard)  
PINS Date: Aug 3, 2018 | Public Review Date: Aug 16, 2019 | Final Action Date: Nov 12, 2019 | [Approved](#)

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- ▶ ANSI/UL 959-2006 (R2019), Standard for Safety for Medium Heat Appliance Factory-Built Chimneys (reaffirmation of ANSI/UL 959-2006 (R2014))  
Public Review Date: Jun 28, 2019 | Final Action Date: Aug 19, 2019 | [Approved](#)

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- ▶ ANSI/UL 9595-2021, Standard for Factory Follow-Up Services for Personal Flotation Devices (revision of ANSI/UL 9595-2020)  
Public Review Date: Jun 4, 2021 | Final Action Date: Sep 9, 2021 | [Approved](#)

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- ▶ ANSI/UL 96-2016, Standard for Safety for Lightning Protection Components (revision of ANSI/UL 96-2015a)  
Public Review Date: Feb 26, 2016 | Final Action Date: Jun 30, 2016 | [Approved](#)

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- ▶ ANSI/UL 96-2020, Standard for Safety for Lightning Protection Components (revision of ANSI/UL 96-2016)  
Public Review Date: Oct 18, 2019 | Final Action Date: Mar 27, 2020 | [Approved](#)

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- ▶ ANSI/UL 961-2014 (R2020), Standard for Safety for Electric Hobby and Sports Equipment (reaffirmation of ANSI/UL 961-2014)  
Public Review Date: Jan 24, 2020 | Final Action Date: Mar 11, 2020 | [Approved](#)

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- ▶ ANSI/UL 962-2019, Standard for Household and Commercial Furnishings (revision of ANSI/UL 962-2017)  
Public Review Date: Mar 16, 2018 | Final Action Date: May 6, 2019 | [Approved](#)

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- ▶ ANSI/UL 962-2019a, Standard for Safety for Household and Commercial Furnishings (revision of ANSI/UL 962-2017)  
Public Review Date: Nov 9, 2018 | Final Action Date: May 6, 2019 | [Approved](#)

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- ▶ ANSI/UL 962-2019b, Standard for Safety for Household and Commercial Furnishings (revision of ANSI/UL 962-2017)  
Public Review Date: Nov 30, 2018 | Final Action Date: May 6, 2019 | [Approved](#)

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- ▶ ANSI/UL 962-2020, Standard for Safety for Household and Commercial Furnishings (revision of ANSI/UL 962-2019)  
Public Review Date: Aug 21, 2020 | Final Action Date: Dec 16, 2020 | [Approved](#)

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- ▶ ANSI/UL 962-2022, Standard for Safety for Household and Commercial Furnishings (revision of ANSI/UL 962-2020)  
Public Review Date: Aug 27, 2021 | Final Action Date: Feb 15, 2022 | [Approved](#)

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- ▶ ANSI/UL 962-2022a, Standard for Safety for Household and Commercial Furnishings (revision of ANSI/UL 962-2022)  
Public Review Date: Sep 16, 2022 | Final Action Date: Oct 21, 2022 | [Approved](#)

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- ▶ ANSI/UL 962A-2018, Standard for Safety for Furniture Power Distribution Units (new standard)  
PINS Date: Oct 13, 2017 | Public Review Date: Apr 20, 2018 | Final Action Date: Jun 12, 2018 | [Approved](#)

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- ▶ ANSI/UL 962A-2019, Standard for Safety for Furniture Power Distribution Units (revision of ANSI/UL 962A-2018)  
Public Review Date: Nov 16, 2018 | Final Action Date: Apr 23, 2019 | [Approved](#)

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- ▶ ANSI/UL 962A-2019a, Standard for Safety for Furniture Power Distribution Units (revision of ANSI/UL 962A-2019)  
Public Review Date: May 17, 2019 | Final Action Date: Jun 21, 2019 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 962A-2020, Standard for Safety for Furniture Power Distribution Units (revision of ANSI/UL 962A-2019)  
Public Review Date: Apr 17, 2020 | Final Action Date: Jun 12, 2020 | [Approved](#)

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- ▶ ANSI/UL 962A-2020a, Standard for Safety for Furniture Power Distribution Units (revision of ANSI/UL 962A-2020)  
Public Review Date: Jun 26, 2020 | Final Action Date: Aug 5, 2020 | [Approved](#)

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- ▶ ANSI/UL 962A-2021, Standard for Safety Furniture Power Distribution Units (revision of ANSI/UL 962A-2020)  
Public Review Date: Jul 23, 2021 | Final Action Date: Oct 1, 2021 | [Approved](#)

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- ▶ ANSI/UL 962A-2022, Standard for Safety for Furniture Power Distribution Units (revision of ANSI/UL 962A-2020)  
Public Review Date: Feb 4, 2022 | Final Action Date: Mar 17, 2022 | [Approved](#)

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- ▶ ANSI/UL 969-2017, Standard for Safety for Marking and Labeling Systems (revision of ANSI/UL 969-2014)  
Public Review Date: Apr 21, 2017 | Final Action Date: May 30, 2017 | [Approved](#)

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- ▶ ANSI/UL 969-2018, Standard for Safety for Marking and Labeling Systems (revision of ANSI/UL 969-2017)  
Public Review Date: Oct 20, 2017 | Final Action Date: Mar 30, 2018 | [Approved](#)

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- ▶ ANSI/UL 969-2018a, Standard For Safety For Marking and Labeling Systems (revision of ANSI/UL 969-2017)  
Public Review Date: Jan 19, 2018 | Final Action Date: Mar 30, 2018 | [Approved](#)

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- ▶ ANSI/UL 969A-2020, Standard for Safety for Marking and Labeling Systems – Flag Labels, Flag Tags, Wrap-Around Labels and Related Products (new standard)  
PINS Date: Aug 4, 2017 | Public Review Date: Feb 21, 2020 | Final Action Date: May 22, 2020 | [Approved](#)

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- ▶ ANSI/UL 970-2020, Standard for Safety for Retail Fixtures and Merchandise Displays (new standard)  
PINS Date: Nov 2, 2007 | Public Review Date: Dec 6, 2019 | Final Action Date: Feb 7, 2020 | [Approved](#)

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- ▶ ANSI/UL 970-2022, Standard for Retail Fixtures and Merchandising Displays (revision of ANSI/UL 970-2020)  
Public Review Date: Sep 9, 2022 | Final Action Date: Oct 21, 2022 | [Approved](#)

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- ▶ ANSI/UL 972-2005 (R2020), Standard for Safety for Burglary Resistant Glazing Material (reaffirmation of ANSI/UL 972-2005 (R2015))  
Public Review Date: Sep 4, 2020 | Final Action Date: Nov 20, 2020 | [Approved](#)

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- ▶ ANSI/UL 977-2020, Standard for Safety for Fused Power-Circuit Devices (revision of ANSI/UL 977-2012 (R2016))  
Public Review Date: Jul 10, 2020 | Final Action Date: Oct 26, 2020 | [Approved](#)

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- ▶ ANSI/UL 98-2019, Standard for Safety for Enclosed and Dead-Front Switches (revision of ANSI/UL 98-2016)  
Public Review Date: Sep 7, 2018 | Final Action Date: Aug 30, 2019 | [Approved](#)

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- ▶ ANSI/UL 98-2019a, Standard for Safety for Enclosed and Dead-Front Switches (revision of ANSI/UL 98-2016)  
Public Review Date: Mar 1, 2019 | Final Action Date: Aug 30, 2019 | [Approved](#)

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- ▶ ANSI/UL 98-2023, Standard for Safety for Enclosed and Dead-Front Switches (revision of ANSI/UL 98-2019)  
Public Review Date: Apr 29, 2022 | Final Action Date: Jan 13, 2023 | [Approved](#)

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- ▶ ANSI/UL 982-2016, Standard for Safety for Motor-Operated Household Food Preparing Machines (revision of ANSI/UL 982-2015b)  
Public Review Date: Apr 15, 2016 | Final Action Date: Nov 30, 2016 | [Approved](#)

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- ▶ ANSI/UL 982-2016a, Standard for Safety for Motor-Operated Household Food Preparing Machines (revision of ANSI/UL 982-2015)  
Public Review Date: Sep 9, 2016 | Final Action Date: Nov 30, 2016 | [Approved](#)

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**ULSE (UL Standards & Engagement)**

- ▶ ANSI/UL 982-2017, Standard For Safety For Motor-Operated Household Food Preparing Machines (revision of ANSI/UL 982-2016)  
Public Review Date: May 26, 2017 | Final Action Date: Oct 25, 2017 | [Approved](#)
- ▶ ANSI/UL 982-2017a, Standard for Safety for Motor-Operated Household Food Preparing Machines (revision of ANSI/UL 982-2016a)  
Public Review Date: Sep 1, 2017 | Final Action Date: Oct 25, 2017 | [Approved](#)
- ▶ ANSI/UL 982-2019, Standard for Safety for Motor-Operated Household Food Preparing Machines (revision of ANSI/UL 982-2017)  
Public Review Date: Jun 21, 2019 | Final Action Date: Sep 27, 2019 | [Approved](#)
- ▶ ANSI/UL 982-2020, Standard for Safety for Motor-Operated Household Food Preparing Machines (revision of ANSI/UL 982-2017)  
Public Review Date: Sep 4, 2020 | Final Action Date: Oct 23, 2020 | [Approved](#)
- ▶ ANSI/UL 982-2021, Standard for Safety for Motor-Operated Household Food Preparing Machines (revision of ANSI/UL 982-2020)  
Public Review Date: Jan 29, 2021 | Final Action Date: Mar 19, 2021 | [Approved](#)
- ▶ ANSI/UL 985-2017, Standard for Standard for Safety for Household Fire Warning System Units (revision of ANSI/UL 985-2015)  
Public Review Date: Mar 17, 2017 | Final Action Date: Sep 5, 2017 | [Approved](#)
- ▶ ANSI/UL 985-2018 (R2022), Standard for Household Fire Warning System Units (August 19, 2022) (reaffirmation of ANSI/UL 985-2018)  
Public Review Date: Aug 19, 2022 | Final Action Date: Oct 7, 2022 | [Approved](#)
- ▶ ANSI/UL 985-2018a, Standard for Safety for Household Fire Warning System Units (revision of ANSI/UL 985-2017)  
Public Review Date: May 4, 2018 | Final Action Date: Jul 12, 2018 | [Approved](#)
- ▶ ANSI/UL 987-2019, Standard for Safety for Stationary and Fixed Electric Tools (revision of ANSI/UL 987-2013)  
Public Review Date: Mar 15, 2019 | Final Action Date: May 30, 2019 | [Approved](#)
- ▶ ANSI/UL 987-2019a, Standard for Safety for Stationary and Fixed Electric Tools (revision of ANSI/UL 987-2019)  
Public Review Date: Oct 4, 2019 | Final Action Date: Dec 10, 2019 | [Approved](#)
- ▶ ANSI/UL 987-2020, Standard for Safety for Stationary and Fixed Electric Tools (revision of ANSI/UL 987-2019)  
Public Review Date: Feb 14, 2020 | Final Action Date: May 1, 2020 | [Approved](#)
- ▶ ANSI/UL 998-2020, Standard for Safety for Humidifiers (proposal dated 8/9/19) (revision of ANSI/UL 998-2016a)  
Public Review Date: Aug 16, 2019 | Final Action Date: Apr 9, 2020 | [Approved](#)
- ▶ ANSI/UL 998-2022, Standard for Safety for Humidifiers (revision of ANSI/UL 998-2016)  
Public Review Date: Mar 4, 2022 | Final Action Date: Jul 5, 2022 | [Approved](#)

**USEMCSC (United States EMC Standards Corp.)**

32515 Nottingham Court, P.O. Box 367, Lindstrom, MN 55045

- ▶ ANSI C63.10-2020, Standard of procedures for compliance testing of unlicensed wireless devices (revision of ANSI C63.10-2013)  
PINS Date: Nov 27, 2015 | Public Review Date: Jul 24, 2020 | Final Action Date: Sep 10, 2020 | [Approved](#)
- ▶ ANSI C63.14-2014, Standard Dictionary of Electromagnetic Compatibility (EMC) including Electromagnetic Environmental Effects (E3) (revision of ANSI C63.14-2009)  
PINS Date: May 7, 2010 | Public Review Date: Jul 4, 2014 | Final Action Date: Aug 28, 2014 | [Approved](#)

**USEMCSC (United States EMC Standards Corp.)**

- ▶ ANSI C63.2-2016, American National Standard for Electromagnetic Noise and Field Strength Instrumentation, 10 Hz to 40 GHz Specifications (revision of ANSI C63.2-2009)  
PINS Date: May 24, 2013 | Public Review Date: Apr 10, 2015 | Final Action Date: Oct 11, 2016 | [Approved](#)
- ▶ ANSI C63.26-2015, American National Standard of Procedures for Compliance Testing of Licensed Transmitters (new standard)  
PINS Date: Jun 12, 2009 | Public Review Date: Oct 9, 2015 | Final Action Date: Dec 3, 2015 | [Approved](#)
- ▶ ANSI C63.5-2019, Draft Standard for Electromagnetic Compatibility - Radiated Emission Measurements in Electromagnetic Interference (EMI) Control - Calibration and Qualification of Antennas (9 kHz to 40 GHz) Corrigendum 1 (revision of ANSI C63.5-2017)  
PINS Date: Dec 1, 2017 | Public Review Date: Aug 3, 2018 | Final Action Date: Jan 3, 2019 | [Approved](#)
- ▶ ANSI C63.9-2008 (R2014), Standard for RF Immunity of Audio Office Equipment to General Use Transmitting Devices with Transmitter Power Levels up to 8 Watts (reaffirmation of ANSI C63.9-2008)  
Public Review Date: Dec 27, 2013 | Final Action Date: Oct 16, 2014 | [Approved](#)
- ▶ ANSI/IEEE C63.4-2014, Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9kHz to 40GHz (revision of ANSI C63.4-2009)  
PINS Date: Mar 11, 2011 | Public Review Date: Jan 3, 2014 | Final Action Date: Jun 13, 2014 | [Approved](#)

**USTMA (U.S. Tire Manufacturers Association)**

1400 K Street, NW, Suite 900, Washington, DC 20005 | w: [www.ustires.org](http://www.ustires.org)

- ▶ ANSI/RMA B28.1-2017, Safety Specifications for Mills and Calenders in the Rubber Industry (new standard)  
PINS Date: Jan 22, 2016 | Public Review Date: Mar 11, 2016 | Final Action Date: Mar 27, 2017 | [Approved](#)

**VC (ASC Z80) (The Vision Council)**

225 Reinekers Lane, Suite 700, Alexandria, VA 22314 | w: [www.z80asc.com](http://www.z80asc.com)

- ▶ ANSI Z80.1-2020, Ophthalmics - Prescription Ophthalmic Lenses - Recommendations (revision of ANSI Z80.1-2015)  
PINS Date: Oct 13, 2017 | Public Review Date: Nov 6, 2020 | Final Action Date: Dec 22, 2020 | [Approved](#)
- ▶ ANSI Z80.10-2018, Tonometers (revision of ANSI Z80.10-2014)  
PINS Date: Oct 13, 2017 | Public Review Date: Jun 29, 2018 | Final Action Date: Sep 27, 2018 | [Approved](#)
- ▶ ANSI Z80.11-2012 (R2022), Laser Systems for Corneal Reshaping (reaffirmation of ANSI Z80.11-2012 (R2017))  
Public Review Date: Oct 28, 2022 | Final Action Date: Dec 15, 2022 | [Approved](#)
- ▶ ANSI Z80.12-2007 (R2022), Multifocal Intraocular Lenses (reaffirmation of ANSI Z80.12-2007 (R2017))  
Public Review Date: Oct 28, 2022 | Final Action Date: Dec 15, 2022 | [Approved](#)
- ▶ ANSI Z80.13-2007 (R2022), Phakic Intraocular Lenses (reaffirmation of ANSI Z80.13-2007 (R2017))  
Public Review Date: Oct 28, 2022 | Final Action Date: Dec 15, 2022 | [Approved](#)
- ▶ ANSI Z80.17-2013 (R2018), Focimeters (reaffirmation of ANSI Z80.17-2013)  
Public Review Date: Apr 6, 2018 | Final Action Date: Jun 13, 2018 | [Approved](#)
- ▶ ANSI Z80.18-2016 (R2021), Ophthalmics - Contact Lens Care Products - Vocabulary, Performance Specifications, And Test Methodology (reaffirmation of ANSI Z80.18-2016)  
Public Review Date: Jun 18, 2021 | Final Action Date: Sep 9, 2021 | [Approved](#)
- ▶ ANSI Z80.20-2016 (R2021), Ophthalmics - Contact Lenses - Standard Terminology, Tolerances, Measurements And Physicochemical Properties (reaffirmation of ANSI Z80.20-2016)  
Public Review Date: Jun 18, 2021 | Final Action Date: Sep 9, 2021 | [Approved](#)

**VC (ASC Z80) (The Vision Council)**

- ▶ ANSI Z80.21-2020, Instruments – General-Purpose Clinical Visual Acuity Charts (revision of ANSI Z80.21-2010 (R2015))  
PINS Date: Aug 24, 2018 | Public Review Date: Nov 15, 2019 | Final Action Date: Jan 24, 2020 | [Approved](#)

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- ▶ ANSI Z80.23-2018, Corneal Topography Systems - Standard Terminology, Requirements (revision of ANSI Z80.23-2008 (R2013))  
PINS Date: Oct 13, 2017 | Public Review Date: Sep 21, 2018 | Final Action Date: Nov 9, 2018 | [Approved](#)

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- ▶ ANSI Z80.27-2014 (R2019), Implantable Glaucoma Devices (reaffirmation of ANSI Z80.27-2014)  
Public Review Date: Oct 4, 2019 | Final Action Date: Dec 9, 2019 | [Approved](#)

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- ▶ ANSI Z80.28-2022, Ophthalmics - Methods Of Reporting Optical Aberrations Of Eyes (revision of ANSI Z80.28-2017)  
PINS Date: Aug 20, 2021 | Public Review Date: Apr 22, 2022 | Final Action Date: Jul 11, 2022 | [Approved](#)

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- ▶ ANSI Z80.29-2015 (R2020), Ophthalmics - Accommodative Intraocular Lenses (reaffirmation of ANSI Z80.29-2015)  
Public Review Date: Aug 7, 2020 | Final Action Date: Sep 28, 2020 | [Approved](#)

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- ▶ ANSI Z80.3-2018, Nonprescription Sunglass and Fashion Eyewear Requirements (revision of ANSI Z80.3-2015)  
PINS Date: Oct 6, 2017 | Public Review Date: Dec 1, 2017 | Final Action Date: Feb 14, 2018 | [Approved](#)

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- ▶ ANSI Z80.30-2018, Toric Intraocular Lenses (revision of ANSI Z80.30-2010)  
PINS Date: Feb 13, 2015 | Public Review Date: Feb 16, 2018 | Final Action Date: Apr 24, 2018 | [Approved](#)

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- ▶ ANSI Z80.31-2022, Ophthalmic Optics – Specifications for Ready-to-Wear Near-Vision Spectacles (revision of ANSI Z80.31-2017)  
PINS Date: Mar 26, 2021 | Public Review Date: Aug 12, 2022 | Final Action Date: Oct 28, 2022 | [Approved](#)

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- ▶ ANSI Z80.35-2018, Extended Depth of Focus (EDF) Lenses (new standard)  
PINS Date: Nov 7, 2014 | Public Review Date: Jul 27, 2018 | Final Action Date: Sep 25, 2018 | [Approved](#)

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- ▶ ANSI Z80.36-2021, Light Hazard Protection for Ophthalmic Instruments (revision of ANSI Z80.36-2016)  
PINS Date: Mar 13, 2020 | Public Review Date: Jan 29, 2021 | Final Action Date: Apr 9, 2021 | [Approved](#)

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- ▶ ANSI Z80.37-2017 (R2021), Ophthalmics -Slit-Lamp Microscopes (reaffirmation of ANSI Z80.37-2017)  
Public Review Date: Aug 20, 2021 | Final Action Date: Nov 9, 2021 | [Approved](#)

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- ▶ ANSI Z80.38-2017 (R2021), Ophthalmics - Light Hazard From Operation Microscopes Used In Ocular Surgery (reaffirmation of ANSI Z80.38-2017)  
Public Review Date: Aug 20, 2021 | Final Action Date: Nov 9, 2021 | [Approved](#)

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- ▶ ANSI Z80.7-2013 (R2018), Intraocular Lenses (reaffirmation of ANSI Z80.7-2013)  
PINS Date: Apr 13, 2018 | Public Review Date: Jul 27, 2018 | Final Action Date: Sep 25, 2018 | [Approved](#)

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- ▶ ANSI Z80.9-2020, Devices for Low Vision (revision of ANSI Z80.9-2010 (R2015))  
PINS Date: Aug 24, 2018 | Public Review Date: Feb 7, 2020 | Final Action Date: Apr 9, 2020 | [Approved](#)

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- ▶ ANSI/ISO 12870-2016, Spectacle Frames-Requirements and Test Methods (identical national adoption of ISO 12870)  
PINS Date: Aug 21, 2015 | Public Review Date: Dec 4, 2015 | Final Action Date: Mar 31, 2016 | [Approved](#)

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- ▶ ANSI/ISO 7998-2016, Spectacle Frames- Lists of Equivalent Terms and Vocabulary (identical national adoption of ISO 7988)  
PINS Date: Aug 21, 2015 | Public Review Date: Dec 4, 2015 | Final Action Date: Mar 31, 2016 | [Approved](#)

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- ▶ ANSI/ISO 8624-2016, Spectacle Frames-Measuring System and terminology (identical national adoption of ISO 8624)  
PINS Date: Aug 21, 2015 | Public Review Date: Dec 4, 2015 | Final Action Date: Mar 31, 2016 | [Approved](#)

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**VITA (VMEbus International Trade Association (VITA))**929 W. Portobello Avenue, Mesa, AZ 85210 | w: [www.vita.com](http://www.vita.com)

- ▶ ANSI//VITA 48.0-2022, Mechanical Specification for Microcomputers using Ruggedized Enhanced Design Implementation (REDI) (revision of ANSI/VITA 48.0-2020)  
PINS Date: Mar 5, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Aug 24, 2022 | [Approved](#)
- ▶ ANSI/VITA 1-1994 (S2021], VME64 (stabilized maintenance of ANSI/VITA 1-1994 (R2002))  
Public Review Date: Aug 26, 2011 | Final Action Date: Nov 4, 2011 | [Approved](#)
- ▶ ANSI/VITA 1.1-1997 (S2021], VME64 Extensions (stabilized maintenance of ANSI/VITA 1.1-1997 (R2003))  
Public Review Date: Oct 24, 2008 | Final Action Date: Nov 4, 2011 | [Approved](#)
- ▶ ANSI/VITA 1.3-1997 (S2021], VME64x 9U x 400mm Format (stabilized maintenance of ANSI/VITA 1.3-1997 (R2003))  
Public Review Date: Oct 24, 2008 | Final Action Date: Nov 4, 2011 | [Approved](#)
- ▶ ANSI/VITA 1.5-2003 (S2014), 2eSST (stabilized maintenance of ANSI/VITA 1.5-2003 (R2009))  
Public Review Date: Feb 14, 2014 | Final Action Date: May 12, 2014 | [Approved](#)
- ▶ ANSI/VITA 1.6-2000 (S2021], Keying for Conduction Cooled VME64x (stabilized maintenance of ANSI/VITA 1.6-2000 (R2005))  
Public Review Date: Aug 26, 2011 | Final Action Date: Nov 4, 2011 | [Approved](#)
- ▶ ANSI/VITA 1.7-2003 (S2014), Increased Current DIN Connector (stabilized maintenance of ANSI/VITA 1.7-2003 (R2009))  
Public Review Date: Feb 14, 2014 | Final Action Date: May 12, 2014 | [Approved](#)
- ▶ ANSI/VITA 17.1-2015 (R2022), Serial Front Panel Data Port (reaffirmation of ANSI/VITA 17.1-2015)  
PINS Date: Sep 4, 2020 | Public Review Date: Jan 27, 2022 | [Approved](#)
- ▶ ANSI/VITA 17.3-2018, Serial Front Panel Data Port (sFPDP) Gen 3.0 (new standard)  
PINS Date: Dec 15, 2017 | Public Review Date: Feb 16, 2018 | Final Action Date: Apr 10, 2018 | [Approved](#)
- ▶ ANSI/VITA 20-2005 (S2018), Conduction Cooled PMC (stabilized maintenance of ANSI/VITA 20-2005 (R2011))  
Public Review Date: Jul 1, 2016 | Final Action Date: Mar 5, 2018 | [Approved](#)
- ▶ ANSI/VITA 32-2003 (S2014), Processor PMC (stabilized maintenance of ANSI/VITA 32-2003 (R2009))  
Public Review Date: Feb 14, 2014 | Final Action Date: May 12, 2014 | [Approved](#)
- ▶ ANSI/VITA 35-2000 (S2021], PMC-P4 Pin Out Mapping to VME-P0 and VME64x-P2 (stabilized maintenance of ANSI/VITA 35-2000 (R2005))  
Public Review Date: Aug 26, 2011 | Final Action Date: Nov 4, 2011 | [Approved](#)
- ▶ ANSI/VITA 40-2020, Status Indicator Standard (new standard)  
PINS Date: Jun 22, 2018 | Public Review Date: May 24, 2019 | Final Action Date: Jan 7, 2020 | [Approved](#)
- ▶ ANSI/VITA 41.6-2009 (R2016), VXS 1X Gigabit Ethernet Control Channel Layer Standard (reaffirmation of ANSI/VITA 41.6-2009)  
Public Review Date: Feb 6, 2015 | Final Action Date: Aug 24, 2016 | [Approved](#)
- ▶ ANSI/VITA 42.0-2021, XMC Standard (revision of ANSI/VITA 42.0-2016)  
PINS Date: Feb 5, 2021 | Public Review Date: Jul 23, 2021 | Final Action Date: Sep 30, 2021 | [Approved](#)
- ▶ ANSI/VITA 42.2-2006 (S2018), XMC Serial RapidIO Protocol Layer Standard (stabilized maintenance of ANSI/VITA 42.2-2006 (R2012))  
Public Review Date: Apr 28, 2017 | Final Action Date: May 21, 2018 | [Approved](#)

**VITA (VMEbus International Trade Association (VITA))**

- ▶ ANSI/VITA 42.3-2020, XMC PCI Express Protocol Layer Standard (revision of ANSI/VITA 42.3-2014)  
PINS Date: Aug 2, 2019 | Public Review Date: Mar 6, 2020 | Final Action Date: Jul 10, 2020 | [Approved](#)

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- ▶ ANSI/VITA 42.6-2009 (R2015), XMC 10 Gigabit Ethernet 4-Lane Protocol Layer Standard (reaffirmation of ANSI/VITA 42.6-2009)  
Public Review Date: Feb 6, 2015 | Final Action Date: Aug 31, 2015 | [Approved](#)

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- ▶ ANSI/VITA 46.0-2019, VPX Baseline Standard (revision of ANSI/VITA 46.0-2013)  
PINS Date: Dec 15, 2017 | Public Review Date: Oct 19, 2018 | Final Action Date: Feb 1, 2019 | [Approved](#)

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- ▶ ANSI/VITA 46.1-2007 (S2018), VMEbus Signal Mapping on VPX (stabilized maintenance of ANSI/VITA 46.1-2007 (R2013))  
Public Review Date: Mar 23, 2018 | Final Action Date: Aug 16, 2018 | [Approved](#)

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- ▶ ANSI/VITA 46.10-2009 (R2015), Rear Transition Module for VPX (reaffirmation of ANSI/VITA 46.10-2009)  
Public Review Date: Feb 6, 2015 | Final Action Date: Aug 31, 2015 | [Approved](#)

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- ▶ ANSI/VITA 46.11-2022, System Management on VPX Standard (revision of ANSI/VITA 46.11-2015)  
PINS Date: Sep 4, 2020 | Public Review Date: Oct 22, 2021 | Final Action Date: Jan 18, 2022 | [Approved](#)

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- ▶ ANSI/VITA 46.3-2012 (R2018), Serial RapidIO on VPX Fabric Connector (reaffirmation of ANSI/VITA 46.3-2012)  
Public Review Date: Aug 25, 2017 | Final Action Date: Jun 13, 2018 | [Approved](#)

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- ▶ ANSI/VITA 46.30-2020, Higher Data Rate VPX (new standard)  
PINS Date: Nov 16, 2018 | Public Review Date: Mar 6, 2020 | Final Action Date: Jul 14, 2020 | [Approved](#)

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- ▶ ANSI/VITA 46.4-2012 (R2018), PCIe on the VPX Fabric Connector (reaffirmation of ANSI/VITA 46.4-2012)  
Public Review Date: Aug 25, 2017 | Final Action Date: Aug 16, 2018 | [Approved](#)

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- ▶ ANSI/VITA 46.6-2013 (R2018), Gigabit Ethernet Control Plane on VPX (reaffirmation of ANSI/VITA 46.6-2013)  
Public Review Date: Mar 23, 2018 | Final Action Date: Aug 16, 2018 | [Approved](#)

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- ▶ ANSI/VITA 46.7-2012 (R2018), Ethernet on VPX Fabric Connector (reaffirmation of ANSI/VITA 46.7-2012)  
Public Review Date: Aug 25, 2017 | Final Action Date: Jun 13, 2018 | [Approved](#)

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- ▶ ANSI/VITA 46.9-2018, PMC/XMC Rear I/O Fabric Signal Mapping on 3U and 6U VPX Modules Standard (revision of ANSI/VITA 46.9-2010)  
PINS Date: May 20, 2016 | Public Review Date: Dec 15, 2017 | Final Action Date: Mar 5, 2018 | [Approved](#)

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- ▶ ANSI/VITA 47.0-2019, Construction, Safety, and Quality for Plug-In Modules Standard (new standard)  
PINS Date: Dec 8, 2017 | Public Review Date: Feb 1, 2019 | Final Action Date: Apr 9, 2019 | [Approved](#)

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- ▶ ANSI/VITA 47.1-2019, Common Requirements for Environments, Design and Construction, Safety, and Quality for VITA 47 Plug-In Modules Dot Standard (new standard)  
PINS Date: Dec 8, 2017 | Public Review Date: Jul 6, 2018 | Final Action Date: Aug 29, 2019 | [Approved](#)

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- ▶ ANSI/VITA 47.2-2019, Class 2 Requirements for Environments, Design and Construction, Safety, and Quality for VITA 47 Plug-in Modules Dot Standards (new standard)  
PINS Date: Dec 22, 2017 | Public Review Date: Jul 6, 2018 | Final Action Date: Aug 29, 2019 | [Approved](#)

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- ▶ ANSI/VITA 47.3-2019, Class 3 Requirements for Environments, Design and Construction, Safety, and Quality for VITA 47 Plug-In Modules Dot Standard (new standard)  
PINS Date: Dec 22, 2017 | Public Review Date: Jul 6, 2018 | Final Action Date: Aug 29, 2019 | [Approved](#)

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- ▶ ANSI/VITA 48.1-2020, Mechanical Specification for Microcomputers Using REDI Air Cooling (revision of ANSI/VITA 48.1-2010)  
PINS Date: Nov 27, 2015 | Public Review Date: Apr 24, 2020 | Final Action Date: Jul 10, 2020 | [Approved](#)

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**VITA (VMEbus International Trade Association (VITA))**

- ▶ ANSI/VITA 48.2-2022x, Mechanical Specification for Microcomputers using REDI Conduction Cooling Applied to VITA 46 (revision of ANSI/VITA 48.2-2020)  
PINS Date: Mar 5, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Oct 31, 2022 | [Approved](#)

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- ▶ ANSI/VITA 48.4-2022x, Liquid Flow Thru VPX Plug In Module Standard (revision of ANSI/VITA 48.4-2018)  
PINS Date: Mar 26, 2021 | Public Review Date: Mar 11, 2022 | Final Action Date: Sep 29, 2022 | [Approved](#)

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- ▶ ANSI/VITA 48.5-R2010 (R2017), Mechanical Standard for Electronic Plug-in units Using Air Flow Through Cooling (reaffirmation of ANSI/VITA 48.5-2010)  
PINS Date: Dec 7, 2012 | Public Review Date: Nov 27, 2015 | Final Action Date: Dec 11, 2017 | [Approved](#)

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- ▶ ANSI/VITA 48.7-2014, Mechanical Standard for Electronic Plug-in Units using Air Flow-by Cooling Technology (new standard)  
PINS Date: Dec 7, 2012 | Public Review Date: Jul 18, 2014 | Final Action Date: Oct 27, 2014 | [Approved](#)

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- ▶ ANSI/VITA 48.8-2022, Mechanical Standard for Electronic VPX Plug-in Modules Using Air Flow Through Cooling (revision of ANSI/VITA 48.8-2017)  
PINS Date: May 13, 2022 | Public Review Date: Sep 16, 2022 | Final Action Date: Dec 16, 2022 | [Approved](#)

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- ▶ ANSI/VITA 49.0-2015 (R2021), VITA Radio Transport (VRT) Standard (reaffirmation of ANSI/VITA 49.0-2015)  
Public Review Date: Sep 4, 2020 | Final Action Date: Sep 2, 2021 | [Approved](#)

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- ▶ ANSI/VITA 49.1-2015 (R2021), VITA Radio Link Layer Standard (reaffirmation of ANSI/VITA 49.1-2015)  
Public Review Date: Sep 4, 2020 | Final Action Date: Sep 2, 2021 | [Approved](#)

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- ▶ ANSI/VITA 49.2-2017, VITA Radio Transport (VRT) Standard for Electromagnetic Spectrum: Signals and Applications (new standard)  
PINS Date: Mar 25, 2016 | Public Review Date: May 26, 2017 | Final Action Date: Aug 3, 2017 | [Approved](#)

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- ▶ ANSI/VITA 49A-2015 (R2021), Spectrum Survey Interoperability Specification (reaffirmation of ANSI/VITA 49A-2015)  
Public Review Date: Sep 4, 2020 | Final Action Date: Sep 2, 2021 | [Approved](#)

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- ▶ ANSI/VITA 51.0-2012 (R2018), Reliability Prediction (reaffirmation of ANSI/VITA 51.0-2012)  
Public Review Date: Aug 25, 2017 | Final Action Date: May 21, 2018 | [Approved](#)

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- ▶ ANSI/VITA 51.1-2013 (R2018), Reliability Prediction MIL-HDBK-217 Subsidiary Specification (reaffirmation of ANSI/VITA 51.1-2013)  
Public Review Date: Jul 20, 2018 | Final Action Date: Oct 10, 2018 | [Approved](#)

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- ▶ ANSI/VITA 51.2-2016, Physics of Failure Reliability Predictions (revision of ANSI/VITA 51.2-2011)  
PINS Date: Oct 2, 2015 | Public Review Date: Jan 15, 2016 | Final Action Date: May 17, 2016 | [Approved](#)

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- ▶ ANSI/VITA 51.3-2010 (R2016), Qualification and Environmental Stress Screening in Support of Reliability Predictions (reaffirmation of ANSI/VITA 51.3-2010)  
Public Review Date: Feb 6, 2015 | Final Action Date: Aug 24, 2016 | [Approved](#)

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- ▶ ANSI/VITA 57.1-2019, FPGA Mezzanine Card (FMC) Standard (revision of ANSI/VITA 57.1-2010)  
PINS Date: Mar 6, 2015 | Public Review Date: Nov 16, 2018 | Final Action Date: Feb 15, 2019 | [Approved](#)

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- ▶ ANSI/VITA 57.4-2018, FPGA Mezzanine Card Plus(FMC+) Standard (new standard)  
PINS Date: Aug 18, 2017 | Public Review Date: Feb 23, 2018 | Final Action Date: Jul 24, 2018 | [Approved](#)

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- ▶ ANSI/VITA 60-2012 (R2018), Alternative Connector for VPX (reaffirmation of ANSI/VITA 60-2012)  
Public Review Date: Aug 25, 2017 | Final Action Date: May 21, 2018 | [Approved](#)

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- ▶ ANSI/VITA 61.0-2022, XMC 2.0 (revision of ANSI/VITA 61.0-2014)  
Public Review Date: Nov 19, 2021 | Final Action Date: Feb 10, 2022 | [Approved](#)

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**VITA (VMEbus International Trade Association (VITA))**

- ▶ ANSI/VITA 62.0-2022x, Modular Power Supply Standard (revision of ANSI/VITA 62-2016)  
PINS Date: Nov 16, 2018 | Public Review Date: Apr 22, 2022 | Final Action Date: Aug 24, 2022 | [Approved](#)
- ▶ ANSI/VITA 62.2-2020, Modular Power Supply Standard for 270v Applications (new standard)  
PINS Date: Feb 1, 2019 | Public Review Date: Mar 6, 2020 | Final Action Date: Jul 10, 2020 | [Approved](#)
- ▶ ANSI/VITA 63.0-2015 (R2022), Hyperboloid Alternative Connector for VPX (reaffirmation and redesignation of ANSI/VITA 63-2015)  
Public Review Date: Sep 4, 2020 | Final Action Date: Mar 15, 2022 | [Approved](#)
- ▶ ANSI/VITA 65.0-2021, OpenVPX System Standard (revision of ANSI/VITA 65.0-2019)  
PINS Date: Mar 5, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 4, 2021 | [Approved](#)
- ▶ ANSI/VITA 65.1-2021, OpenVPX System Standard – Profile Tables (revision of ANSI/VITA 65.1-2019)  
PINS Date: Mar 5, 2021 | Public Review Date: Jul 16, 2021 | Final Action Date: Oct 4, 2021 | [Approved](#)
- ▶ ANSI/VITA 66.0-2016, Optical Interconnect on VPX - Base Standard (revision of ANSI/VITA 66.0-2011)  
PINS Date: Jun 5, 2015 | Public Review Date: Dec 18, 2015 | Final Action Date: Jul 1, 2016 | [Approved](#)
- ▶ ANSI/VITA 66.2-2013 (R2018), Optical Interconnect on VPX - ARINC 801 Termini Variant (reaffirmation of ANSI/VITA 66.2-2013)  
Public Review Date: Mar 23, 2018 | Final Action Date: Aug 16, 2018 | [Approved](#)
- ▶ ANSI/VITA 66.3-2012 (R2018), Optical Interconnect on VPX - Mini Expanded Beam Variant (reaffirmation of ANSI/VITA 66.3-2012)  
Public Review Date: Mar 23, 2018 | Final Action Date: Sep 28, 2018 | [Approved](#)
- ▶ ANSI/VITA 66.4-2016, Optical Interconnect on VPX - Half Width MT Variant (new standard)  
PINS Date: Jun 14, 2013 | Public Review Date: Dec 18, 2015 | Final Action Date: Apr 25, 2016 | [Approved](#)
- ▶ ANSI/VITA 66.5-2022, Optical Interconnect on VPX - Hybrid Variants (new standard)  
PINS Date: Dec 15, 2017 | Public Review Date: Oct 14, 2022 | Final Action Date: Dec 20, 2022 | [Approved](#)
- ▶ ANSI/VITA 67.0-2019, Coaxial Interconnect on VPX – Base Standard (revision of ANSI/VITA 67.0-2012)  
PINS Date: Jun 15, 2018 | Public Review Date: Dec 14, 2018 | Final Action Date: Apr 9, 2019 | [Approved](#)
- ▶ ANSI/VITA 67.1-2019, Coaxial Interconnect on VPX, 4 Position SMPM Configuration (revision of ANSI/VITA 67.1-2012)  
PINS Date: Oct 13, 2017 | Public Review Date: Apr 13, 2018 | Final Action Date: Apr 9, 2019 | [Approved](#)
- ▶ ANSI/VITA 67.2-2020, Coaxial Interconnect on VPX, 8 Position SMPM (revision of ANSI/VITA 67.2-2012)  
PINS Date: Dec 15, 2017 | Public Review Date: May 24, 2019 | Final Action Date: Oct 15, 2020 | [Approved](#)
- ▶ ANSI/VITA 67.3-2022, Coaxial Interconnect on VPX, Spring-Loaded Contact on Backplane Standard (revision of ANSI/VITA 67.3-2020)  
PINS Date: Mar 26, 2021 | Public Review Date: Jun 17, 2022 | Final Action Date: Nov 8, 2022 | [Approved](#)
- ▶ ANSI/VITA 68.0-2017, VPX Compliance Channel Standard (new standard)  
PINS Date: Apr 30, 2010 | Public Review Date: Jul 28, 2017 | Final Action Date: Dec 4, 2017 | [Approved](#)
- ▶ ANSI/VITA 68.1-2017, VPX Compliance Channel - Fixed Signal Integrity Budget Standard (new standard)  
PINS Date: Apr 14, 2017 | Public Review Date: Jul 28, 2017 | Final Action Date: Dec 4, 2017 | [Approved](#)
- ▶ ANSI/VITA 68.2-2021, VPX Standard S-Parameter Definition (new standard) (new standard)  
PINS Date: Nov 29, 2019 | Public Review Date: Feb 5, 2021 | Final Action Date: Apr 13, 2021 | [Approved](#)

**VITA (VMEbus International Trade Association (VITA))**

- ▶ ANSI/VITA 74.0-2022x, Compliant System Small Form Factor Module Base Standard (revision of ANSI/VITA 74.0-2017)  
PINS Date: Feb 18, 2022 | Public Review Date: May 6, 2022 | Final Action Date: Nov 3, 2022 | [Approved](#)
- ▶ ANSI/VITA 76-2016 (R2021), High Performance Cable Standard - Ruggedized 10 Gbaud Bulkhead Connector for Cu and AOC Cables (reaffirmation of ANSI/VITA 76-2016)  
Public Review Date: Feb 5, 2021 | Final Action Date: Sep 2, 2021 | [Approved](#)
- ▶ ANSI/VITA 78.0-2022, SpaceVPX System Standard (revision and redesignation of ANSI/VITA 78-2015)  
PINS Date: May 11, 2018 | Public Review Date: Dec 24, 2021 | Final Action Date: Aug 18, 2022 | [Approved](#)
- ▶ ANSI/VITA 86-2019, High Voltage Input Sealed Connector Power Supply (new standard)  
PINS Date: Sep 7, 2018 | Public Review Date: Nov 23, 2018 | Final Action Date: Feb 1, 2019 | [Approved](#)
- ▶ ANSI/VITA 88.0-2021, Switched Mezzanine Card Plus (XMC+) Standard (new standard)  
PINS Date: Feb 5, 2021 | Public Review Date: Oct 8, 2021 | Final Action Date: Dec 9, 2021 | [Approved](#)

**WCMA (Window Covering Manufacturers Association)**

355 Lexington Avenue, 15th Floor, New York, NY 10017-6603 | w: [www.wcmanet.org](http://www.wcmanet.org)

- ▶ ANSI/WCMA A100.1-2022, Standard for Safety of Window Covering Products (revision of ANSI/WCMA A100.1-2018)  
PINS Date: Apr 23, 2021 | Public Review Date: Sep 30, 2022 | Final Action Date: Dec 13, 2022 | [Approved](#)

**WDMA (Window and Door Manufacturers Association )**

2001 K Street NW, Suite 300, Washington, DC 20006 | w: [www.wdma.com](http://www.wdma.com)

- ▶ ANSI/WDMA I.S.1A-2021, Industry Standard for Interior Architectural Wood Flush Doors (revision of ANSI/WDMA I.S.1A-2013)  
PINS Date: Mar 16, 2018 | Public Review Date: Sep 25, 2020 | Final Action Date: Jan 15, 2021 | [Approved](#)
- ▶ ANSI/WDMA I.S.6A-2021, Industry Standard for interior Architectural Wood Stile and Rail Doors (revision of ANSI/WDMA I.S.6A-2013)  
PINS Date: Mar 16, 2018 | Public Review Date: Sep 25, 2020 | Final Action Date: Jan 15, 2021 | [Approved](#)

**WMA (World Millwork Alliance)**

10047 Robert Trent Jones Parkway, New Port Richey, FL 34655 | w: <http://worldmillworkalliance.com>

- ▶ ANSI/WMA 100-2023, Standard Method of Determining Structural Performance Ratings of Side-Hinged Exterior Door Systems and Procedures for Component Substitution (revision of ANSI/WMA 100-2018)  
PINS Date: Feb 4, 2022 | Public Review Date: Jul 8, 2022 | Final Action Date: Nov 3, 2022 | [Approved](#)

**WMMA (ASC 01) (Wood Machinery Manufacturers of America)**

2331 Rock Spring Road, Forest Hill, MD 21050 | w: [www.wmma.org](http://www.wmma.org)

- ▶ ANSI O1.1-2013, Standard for Woodworking Machinery Safety Requirements (revision of ANSI O1.1-2009)  
PINS Date: Feb 22, 2013 | Public Review Date: May 24, 2013 | Final Action Date: Aug 22, 2013 | [Approved](#)
- ▶ ANSI/WMMA O1.1-1-2015 (R2022), Safety Requirements for Fixed Angle Jump Saws (reaffirmation of ANSI/WMMA O1.1-1-2015)  
Public Review Date: Sep 10, 2021 | Final Action Date: Mar 18, 2022 | [Approved](#)
- ▶ ANSI/WMMA O1.1-3-2014 (R2022), Safety Requirements for CNC Machining Centers for the Woodworking Industry (reaffirmation of ANSI/WMMA O1.1-3-2014)  
Public Review Date: Sep 10, 2021 | Final Action Date: Mar 18, 2022 | [Approved](#)

**WMMA (ASC 01) (Wood Machinery Manufacturers of America)**

- ▶ ANSI/WMMA O1.1-4-2015 (R2022), Safety Requirements for Shapers (reaffirmation of ANSI/WMMA O1.1-4-2015)  
Public Review Date: Sep 10, 2021 | Final Action Date: Mar 18, 2022 | [Approved](#)
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**X12 (X12 Incorporated)**

24654 N. Lake Pleasant Pkwy., Suite 103 #275, Peoria, AZ 85383 | w: [www.x12.org](http://www.x12.org)

- ▶ ANSI X12 Series, A collection of all ANSI-approved X12 standards. Individual X12 standards not available separately  
(revision, redesignation and consolidation of )  
Final Action Date: Oct 16, 2015 | [Approved](#)
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- ▶ ANSI X12.EDI 008000-2020, Standards for Electronic Data Interchange (revision, redesignation and consolidation of  
ANSI X12.1-2008 (R2013), ANSI X12.3-2008 (R2013), ANSI X12.5-2004 (R2013), ANSI X12.6-2004 (R2013), ANSI  
X12.22-2008 (R2013), ANSI X12.56-2004 (R2013), ANSI X12.58-2004 (R2013), ANSI X12.59-2004 (R2013))  
PINS Date: May 24, 2019 | Public Review Date: Oct 25, 2019 | Final Action Date: Jul 9, 2020 | [Approved](#)
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