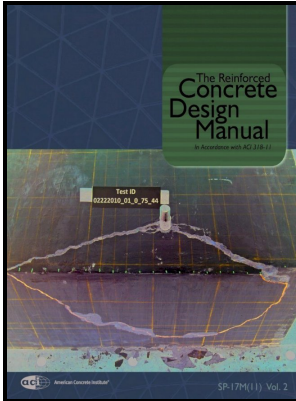


# Current ACI Standards of the American Concrete Institute.

## ACI - ACI Materials Journal



### Description: -

-Current ACI Standards of the American Concrete Institute.

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Notes: Reprinted from the Journal of the American Concrete Institute.

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## American Concrete Institute Certification Package

Updates to Section 13 and 14 in ACI 301-20 include changes to fabricator qualifications that now include optional requirements for an alternative certification program from the National Precast Concrete Association NPCA applicable to some structural precast concrete products, except those that are prestressed. Wilson, FACI, is director of concrete knowledge at the Portland Cement Association PCA, Skokie, Illinois.

## American Concrete Institute (ACI)

Below, we will discuss how standards potentially improve the performance of repaired structures, describe changes in ACI 562-19, and briefly discuss future directions for the ACI 562 standard. The American Concrete Institute Founded in 1904 and headquartered in Farmington Hills, Michigan, USA, the American Concrete Institute is a leading authority and resource worldwide for the development, dissemination, and adoption of its consensus-based standards, technical resources, educational programs, and proven expertise for individuals and organizations involved in concrete design, construction, and materials, who share a commitment to pursuing the best use of concrete.

## ACI: Manual of Concrete Practice, Part 1 : American Concrete Institute : Free Download, Borrow, and Streaming : Internet Archive

Founded in 1904, ACI is headquartered in Farmington Hills, Michigan, USA, with a regional office in Dubai, UAE, and a resource center in Southern California. GlobalSpec will retain this data until you change or delete it, which you may do at any time. Each package contains the source documents from which the exams are derived, along with study questions, checklists, and information about the ACI Certification program.

## Standards for 7

AVAILABILITY GUIDE FOR THE USE OF SHRINKAGE-COMPENSATING CONCRETE GUIDE FOR STRUCTURAL MAINTENANCE OF PARKING STRUCTURES CODE REQUIREMENTS FOR NUCLEAR SAFETY-RELATED CONCRETE STRUCTURES AND COMMENTARY METRIC CODE REQUIREMENTS FOR ENVIRONMENTAL ENGINEERING CONCRETE STRUCTURES AND COMMENTARY GUIDE FOR DESIGN OF SLAB-COLUMN CONNECTIONS IN MONOLITHIC CONCRETE STRUCTURES CODE REQUIREMENTS FOR ENVIRONMENTAL ENGINEERING CONCRETE STRUCTURES AND

COMMENTARY PRACTICE FOR THE USE OF SHRINKAGE-COMPENSATING CONCRETE SPECIFICATIONS FOR STRUCTURAL CONCRETE REPORT ON CORROSION AND REPAIR OF UNBONDED SINGLE-STRAND TENDONS CODE REQUIREMENTS FOR ENVIRONMENTAL ENGINEERING CONCRETE STRUCTURES AND COMMENTARY GUIDE FOR THE DESIGN AND CONSTRUCTION OF DURABLE CONCRETE PARKING STRUCTURES GUIDE FOR DESIGN OF SLAB-COLUMN CONNECTIONS IN MONOLITHIC CONCRETE STRUCTURES GUIDE TO SHEAR REINFORCEMENT FOR SLABS BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY MINIMUM DESIGN LOADS AND ASSOCIATED CRITERIA FOR BUILDINGS AND OTHER STRUCTURES GUIDE TO ESTIMATING PRESTRESS LOSS REQUIREMENTS FOR DESIGN OF A SPECIAL UNBONDED POST-TENSIONED PRECAST SHEAR WALL SATISFYING ACI ITG-5. In November 2018, the organization completed the process by releasing ACI 563-18, Specifications for Repair of Concrete in Buildings. A current certification as an ACI Concrete Laboratory Testing Technician Level 1 is required as a prerequisite to obtaining this certification.

## **Publications**

How ACI Standards Improve Concrete Repair Performance The intent of the concrete repair code was to establish evaluation, design, and inspection practices that raise the performance level of repair and protection systems.

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Evaluation requirements for concrete made with self-consolidating concrete and structures with defined requirements for modulus of elasticity of the concrete are also included. Proctors are approved by the acting Examiner of Record EOR and CRMCA has the right to decline individuals as Proctors or the use of Proctor credits.

## **ACI 423.3R : 2017 RECOMMENDATIONS FOR CONCRETE MEMBERS PRESTRESSE**

Combined with the publication of ACI 563-18: Specifications for Repair of Concrete in Buildings, ACI 562-19 represents the continued development of standardized documents that were called for in the third and fourth stated goals of the Vision 2020 program. With ASTM Compass, electronic standards are accessible from wherever you are working.

## **American Concrete Institute Certification Package**

Previously updated in 2004, the 2020 edition of the ACI Detailing Manual includes many new updates and revisions, plus the addition of valuable downloadable CAD files. There exists a significant risk of collapse, detachment or dislodgement of any portion, member, appurtenance, or ornamentation of the concrete building or structure under service loads. A Concrete Transportation Construction Inspector-in-Training is a person who has demonstrated knowledge in concrete inspection methods for transportation projects, but does not have the experience required to qualify as an ACI Concrete Transportation Construction Inspector.

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