ADOPTION PROPOSAL FORM

**STA/SDV/OP/04/F1**

**KENYA BUREAU OF STANDARDS**

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| **Document Type:** | **Adoption proposal** | |
| **Dates:** | Circulation date | Closing date |
| 2020-10-12 | 2020-11-11 |
| **TC Secretary** | **This form shall be filled, signed and returned to Kenya Bureau of Standards for the attention of Daniel Kitui (kituid@kebs.org)** | |

The Kenya Bureau of Standards intends to adopt the international standards as detailed here below:

1. **Number:** IEC 60317-21:2013+AMD1:2019

**Title:** Specifications for particular types of winding wires - Part 21: Solderable polyurethane enamelled round copper wire overcoated with polyamide, class 155

**Scope:** This part of IEC 60317 specifies the requirements of solderable enamelled round copper winding wire of class 155 with a dual coating. The underlying coating is based on polyurethane resin, which may be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements. The superimposed coating is based on polyamide resin.

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**To Replace:** KS IEC 60317-21:1990 Specifications For Particular Types of Winding Wires Part 21 Solderable Polyurethane Enameled Round Copper Wire Overcoated With Polyamide Class 155

1. **Number:** IEC 60317-31:2015

**Title:** Specifications for particular types of winding wires - Part 31: Glass fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 180

**Scope:** This part of IEC 60317 specifies the requirements of glass fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper winding wire, temperature index 180. NOTE For this type of wire, the heat shock test is inappropriate and therefore a heat shock temperature cannot be established. Consequently, a class based on the requirements for temperature index and heat shock temperature cannot be specified.

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**To Replace:** KS IEC 60317-31:1997 Specifications For Particular Types of Winding Wires Part 31 Glass Fibre Wound Resin Or Varnish Impregnated Bare Or Enamelled Rectangular Copper Wire Temperature Index 180

1. **Number:** IEC 60317-32:2015

**Title:** Specifications for particular types of winding wires - Part 32: Glass fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 155

**Scope:** This part of IEC 60317 specifies the requirements of glass fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper winding wire, temperature index 155.

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**To Replace:** KS IEC 60317-32:1997 Specifications For Particular Types of Winding Wires Part 32 Glass Fibre Wound Resin Or Varnish Impregnated Bare Or Enamelled Rectangular Copper Wire Temperature Index 155

1. **Number:** IEC 60317-33:2015

**Title:** Specifications for particular types of winding wires - Part 33: Glass fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 200

**Scope:** This part of IEC 60317 specifies the requirements of polyester glass fibre wound, impregnated, bare or enamelled rectangular copper winding wire, temperature index 200.

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**To Replace:** KS IEC 60317-33:1997 Specifications For Particular Types of Winding Wires Part 33 Glass Fibre Wound Resin Or Varnish Impregnated Bare Or Enamelled Rectangular Copper Wire Temperature Index 200

1. **Number:** IEC 60317-46:2013

**Title:** Specifications for particular types of winding wires - Part 46: Aromatic polyimide enamelled round copper wire, class 240

**Scope:** This part of IEC 60317 specifies the requirements of enamelled round copper winding wire of class 240 with a sole coating of aromatic polyimide resin.

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**To Replace:** KS IEC 60317-46:1997 Specifications For Particular Types of Winding Wires Part 46 Aromatic Polyimide Enamelled Round Copper Wire Class 240

1. **Number:** IEC 60317-27-3:2019

**Title:** Specifications for particular types of winding wires - Part 27-3: Paper tape covered rectangular copper wire

**Scope:** This part of IEC 60317 specifies the requirements of paper tape covered rectangular copper winding wires. This covering consists of two or more layers of paper tape and is primarily intended for winding coils for oil immersed transformers.

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**To Replace:** KS IEC 60317-27:1998 Specifications For Particular Types of Winding Wires Part 27 Paper Tape Covered Rectangular Copper Wire

1. **Number:** IEC 60317-48:2012

**Title:** Specifications for particular types of winding wires - Part 48: Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire, temperature index 155

**Scope:** This part of IEC 60317 specifies requirements of glass-fibre wound resin or varnish impregnated, bare, grade 1 or grade 2 enamelled round copper winding wire, temperature index 155. The impregnating agent can be, for instance, polyester or polyesterimide resin based.

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**To Replace:** KS IEC 60317-48:1999 Specifications For Particular Types of Winding Wires Part 48 Glass Fibre Wound Resin Or Varnish Impregnated Bare Or Enamelled Round Copper Wire Temperature Index 155

1. **Number:** IEC 60317-49:2012

**Title:** Specifications for particular types of winding wires - Part 49: Glass-fibre wound high temperature resin or varnish impregnated, bare or enamelled round copper wire, temperature index 180

**Scope:** This part of IEC 60317 specifies the requirements of glass-fibre wound resin or varnish impregnated, bare, grade 1 or grade 2 enamelled round copper winding wire, temperature index 180. The impregnating agent can be, for instance, polyester or polyesterimide resin based.

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**To Replace:** KS IEC 60317-49:1999 Specifications For Particular Types of Winding Wires Part 49 Glass Fibre Wound Resin Or Varnish Impregnated Bare Or Enamelled Round Copper Wire Temperature Index 180

1. **Number:** IEC 60317-50:2012

**Title:** Specifications for particular types of winding wires - Part 50: Glass-fibre wound silicone resin or varnish impregnated, bare or enamelled round copper wire, temperature index 200

**Scope:** This part of IEC 60317 specifies the requirements of glass-fibre wound resin or varnish impregnated, bare, grade 1 or grade 2 enamelled round copper winding wire, temperature index 200. The impregnating agent is silicone resin based.

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**To Replace:** KS IEC 60317-50:1999 Specifications For Particular Types of Winding Wires Part 50 Glass Fibre Wound Resin Or Varnish Impregnated Bare Or Enamelled Round Copper Wire Temperature Index 200

1. **Number:** IEC 60317-37:2013

**Title:** Specifications for particular types of winding wires - Part 37: Polyesterimide enamelled round copper wire, class 180, with a bonding layer

**Scope:** This part of IEC 60317 specifies the requirements of enamelled round copper winding wire of class 180 with a dual coating. The underlying coating is based on polyesterimide resin, which may be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements. The superimposed coating is a bonding layer based on a thermoplastic resin.

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**To Replace:** KS IEC 60317-37:2000 Specifications For Particular Types of Winding Wires Part 37 Polyesterimide Enamelled Round Copper Wire Class 180 With A Bonding Layer

1. **Number:** IEC 60502-1:2021

**Title:** Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV) - Part 1: Cables for rated voltages of 1 kV (Um = 1,2 kV) and 3 kV (Um = 3,6 kV)

**Scope:** This part of IEC 60502 specifies the construction, dimensions and test requirements of power cables with extruded solid insulation for rated AC voltages of 1 kV (Um = 1,2 kV) and 3 kV (Um = 3,6 kV) for fixed installations such as distribution networks or industrial installations. Cables of rated AC voltage 1 kV (Um = 1,2 kV) designed and tested in accordance with this document can also be used, if declared by the manufacturer, in DC distribution systems having their nominal voltage ≤ 750 V DC (with a maximum of 900 V DC) between a live conductor and neutral/earth, or ≤ 1 500 V DC (with a maximum 1 800 V DC) between two live conductors. Applicable core identification for DC systems are considered in accordance with local installation regulations.

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**To Replace:** KS IEC 60502-1:2004 Power Cables With Extruded Insulation and Their Accessories For Rated Voltages From 1Kv Um 1 2 Kv Up To 30 Kv Um 36 Kv Part 1 Cables For Rated Voltages of 1Kv Um 1 2 Kv and 3 Kv Um

1. **Number:** IEC 60317-0-3:2019

**Title:** Specifications for particular types of winding wires - Part 0-3: General requirements - Enamelled round aluminium wire

**Scope:** This part of IEC 60317 specifies the general requirements of enamelled round aluminium winding wires with or without a bonding layer. The range of nominal conductor diameters is given in the relevant specification sheet.

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**To Replace:** KS IEC 60317-0-3:2004 Specifications For Particular Types of Winding Wires Part 0 3 General Requirements Enamelled Round Aluminium Wire

1. **Number:** IEC 60317-0-4:2020

**Title:** Specifications for particular types of winding wires - Part 0-4: General requirements - Glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire

**Scope:** This part of IEC 60317 specifies general requirements of glass-fibre wound, resin or varnish impregnated, bare or enamelled rectangular copper wire. The range of nominal conductor dimensions is given in 4.1 and the relevant specification sheet

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**To Replace:** KS IEC 60317-0-4:2006 Specifications For Particular Types of Winding Wires Part 0 4 General Requirements Glass Fibre Wound Resin Or Varnish Impregnated Bare Or Enamelled Rectangular Copper Wire

1. **Number:** IEC 60468:1974

**Title:** Method of measurement of resistivity of metallic materials

**Scope:** This recommendation gives procedures for determining the electrical volume resistivity and mass resistivity of solid (non-stranded) metallic conductor and resistor materials, and the resistance per unit length of solid conductors (of uniform cross-sectional area) of metallic materials. It sets out both reference and routine methods of measuring the resistivity of metallic materials. It is intended to cover the need for such methods not only for copper, but also for aluminium and any other metals and alloys that 'may be used for conductor purposes.

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**To Replace:** KS 764:1986 Method of Measurement of Resistivity of Metallic Materials

1. **Number:** IEC 60028:1925

**Title:** International standard of resistance for copper

**Scope:** The purpose of this edition is not to change in any way the substance of the original recommendations but only to re-state them in a manner which renders them free from ambiguity or the possibility of misconstruction.

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**To Replace:** KS 765:1986 Standard Resistance For Copper

1. **Number:** IEC 62230:2013

**Title:** Electric cables - Spark-test method

**Scope:** The spark-test method specified in this standard is intended for the detection of defects in the insulation or sheathing layers of electric cables. For single-core cables with no outer metallic layer, the general process is accepted as being equivalent to subjecting samples of those cables to a voltage test in water. This standard specifies the operational requirements for the spark-test equipment, as well as the principal characteristics, functional parameters and calibration procedures for each type of test equipment.

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**To Replace:** KS 863:1988 Test Methods For Spark Testing of Electric Cables

1. **Number:** IEC 60974-12:2011

**Title:** Arc welding equipment - Part 12: Coupling devices for welding cables

**Scope:** This part of IEC 60974 is applicable to coupling devices for cables used in arc welding and allied processes, designed for connection and disconnection without using tools. This part of IEC 60974 specifies safety and performance requirements of coupling devices. This part of IEC 60974 is not applicable to coupling devices for underwater welding.

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**To Replace:** KS 1603:2000 Specification For Coupling Devices For Welding Cables

1. **Number:** IEC 60974-1:2021

**Title:** Arc welding equipment - Part 1: Welding power sources

**Scope:** This part of IEC 60974 is applicable to power sources for arc welding and allied processes designed for INDUSTRIAL AND PROFESSIONAL USE, and supplied by a voltage not exceeding 1  000 V, BATTERY supplied or driven by mechanical means. This document specifies safety and performance requirements of WELDING POWER SOURCES and PLASMA CUTTING SYSTEMS. This document is not applicable to limited duty arc welding and cutting power sources which are designed mainly for use by laymen and designed in accordance with IEC 60974-6.

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**To Replace: NEW**

1. **Number:** IEC 60189-1:2018

**Title:** Low-frequency cables and wires with PVC insulation and PVC sheath - Part 1: General test and measuring methods

**Scope:** This part of IEC 60189 specifies mechanical, electrical, and climatic test methods for low frequency cables and wires designed for use in telecommunication inside plants and equipment and in electronic devices employing similar techniques.

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**To Replace:** KS IEC 60189-1:2007 Low Frequency Cables and Wires With Pvc Insulation and Pvc Sheath Part 1 General Test and Measuring Methods

1. **Number:** IEC 60317-15:2004+AMD1:2010

**Title:** Specifications for particular types of winding wires - Part 15: Polyesterimide enamelled round aluminium wire, class 180

**Scope:** This part of IEC 60317 specifies the requirements of enamelled round aluminium winding wire of class 180 with a sole coating based on polyesterimide resin, which may be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements.

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**To Replace:** KS IEC 60317-15:2004 Specifications For Particular Types of Winding Wires Part 15 Polyesterimide Enamelled Round Aluminium Wire Class 180

1. **Number:** IEC 61125:2018

**Title:** Insulating liquids - Test methods for oxidation stability - Test method for evaluating the oxidation stability of insulating liquids in the delivered state

**Scope:** This document describes a test method for evaluating the oxidation stability of insulating liquids in the delivered state under accelerated conditions regardless of whether or not antioxidant additives are present. The duration of the test can be different depending on the insulating liquid type and is defined in the corresponding standards (e.g. in IEC 60296, IEC 61099, IEC 62770). The method can be used for measuring the induction period, the test being continued until the volatile acidity significantly exceeds 0,10 mg KOH/g in the case of mineral oils. This value can be significantly higher in the case of ester liquids.

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**To Replace:** KS IEC 61125:1992 Unused Hydrocarbon Based Insulating Liquids Test Methods For Evaluating The Oxidation Stability

1. **Number:** IEC 60245-6:1994

**Title:** Rubber insulated cables - Rated voltages up to and including 450/750 V - Part 6: Arc welding electrode cables

**Scope:** This part of IEC 245 details the particular specifications for rubber insulated arc welding electrode cables. Each cable should comply with the appropriate requirements given in IEC 245-1 and the particular requirements of this part.

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**To Replace:** KS 1637:2001 Specification For Welding Cables

1. **Number:** IEC 60038/AMD1:2021 Amendment 1

**Title:** IEC standard voltages

**Scope:** This Final Draft International Standard is an up to 6 weeks' pre-release of the official publication. It is available for sale during its voting period: 2021-09-03 to 2021-10-15. By purchasing this FDIS now, you will automatically receive, in addition, the final publication.

**Online Preview:** [**https://webstore.iec.ch/publication/71146**](https://webstore.iec.ch/publication/71146)

**To Replace: KS IEC 60038:2009 IEC Standard Voltages**

1. **Number:** IEC 60227-7:1995+AMD1:2003+AMD2:2011

**Title:** Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V - Part 7: Flexible cables screened and unscreened with two or more conductors

**Scope:** This part of IEC 60227 details the particular specifications for polyvinyl chloride insulated, screened and unscreened control cables of rated voltages up to and including 300/500 V. All cables comply with the appropriate requirements given in IEC 60227-1 and each individual type of cable complies with the particular requirements of this part.

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**To Replace:** KS IEC 60227-7:2003 Polyvinyl Chloride Insulated Cables of Rate Voltages Up To and Including 450 750 V Part 7 Flexible Cables Screened and Unscreened With Two Or More Conductors

1. **Number:** IEC 60245-1:2003+AMD1:2007

**Title:** Rubber insulated cables - Rated voltages up to and including 450/750 V - Part 1: General requirements

**Scope:** This part of IEC 60245 applies to rigid and flexible cables with insulation, and sheath if any, based on vulcanized rubber of rated voltages Uo/U up to and including 450/750 V used in power installations of nominal voltage not exceeding 450/750 V a.c. NOTE For some types of flexible cables the term ‘cord’ is used. The particular types of cables are specified in IEC 60245-3, IEC 60245-4, etc. The code designations of these types of cables are given in Annex A.

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**To Replace:** KS IEC 60245-1:2003 Rubber Insulated Cables Rated Voltages Up To and Including 450 750 V Part 1 General Requirements

1. **Number:** IEC 60245-8:2011

**Title:** Rubber insulated cables - Rated voltages up to and including 450/750 V - Part 8: Cords for applications requiring high flexibility

**Scope:** This part of IEC 60245 details the particular specifications for rubber insulated and textile braid covered cords of rated voltage 300/300 V, for use in applications where high flexibility is required, for example iron cords. All cables should comply with the appropriate requirements given in IEC 60245-1 and the individual types of cables should each comply with the particular requirements of this part.

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**To Replace:** KS IEC 60245-8:2004 Rubber Insulated Cables Rated Voltages Up To and Including 450 750 V Part 8 Cords For Applications Requiring High Flexibility

1. **Number:** IEC 60332-3-22:2018

**Title:** Tests on electric and optical fibre cables under fire conditions - Part 3-22: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category A

**Scope:** This part of IEC 60332 specifies covers category A for methods of test for the assessment of vertical flame spread of vertically mounted bunched wires or cables, electrical or optical, under defined conditions. This document relates to cables installed on the test ladder to achieve a nominal total volume of non-metallic material of 7 l/m of test sample. The flame application time is 40 min. The method of mounting uses the front of the ladder, a standard or wide ladder being used for cables having a conductor cross-section greater than 35 mm2 according to the number of test pieces required, and a standard ladder for conductor cross-sections 35 mm2 and smaller. The category is intended for general use where high volumes of non-metallic material are required to be evaluated.

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**To Replace:** KS IEC 60332-3-22:2000 Tests On Electric Cables Under Fire Conditions Part 3 22 Test For Vertical Flame Spread of Vertically Mounted bunched Wires Or Cables Category A

1. **Number:** IEC 60445:2021

**Title:** Basic and safety principles for man-machine interface, marking and identification - Identification of equipment terminals, conductor terminations and conductors

**Scope:** This document applies to the identification and marking of terminals of electrical equipment such as resistors, fuses, relays, contactors, transformers, rotating machines and, wherever applicable, to combinations of such equipment (e.g. assemblies), and it also applies to the identification of terminations of certain designated conductors. It also provides general rules for the use of certain colours or alphanumeric notations to identify conductors with the aim of avoiding ambiguity and ensuring safe operation. These conductor colours or and alphanumeric notations are intended to be applied on cores, busbars, and electrical equipment, and in cables or installations.

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**To Replace:** KS IEC 60445:2010 Basic and Safety Principles For Man Machine Interface Marking and Identification Identification of Equipment Terminals Conductor Terminations and Conductors

1. **Number:** IEC 60981:2019

**Title:** Extra heavy-duty electrical rigid steel conduits

**Scope:** This document specifies requirements for extra heavy-duty electrical rigid steel (EHDERS) conduits, couplings, nipples and elbows for electrical installations, including communications and fibre optics. This document also specifies threads for these components.

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**To Replace:** KS IEC 60981:2004 Extra Heavy Duty Electrical Rigid Steel Conduits

1. **Number:** IEC 61386-1:2008+AMD1:2017

**Title**: Conduit systems for cable management - Part 1: General requirements

**Scope:** This part of IEC 61386 specifies requirements and tests for conduit systems, including conduits and conduit fittings, for the protection and management of insulated conductors and/or cables in electrical installations or in communication systems up to 1 000 V a.c. and/or 1 500 V d.c. This standard applies to metallic, non-metallic and composite conduit systems, including threaded and non-threaded entries which terminate the system. This standard does not apply to enclosures and connecting boxes which come within the scope of IEC 60670.

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**To Replace:** KS IEC 61386-1:2008 Conduit Systems For Cable Management Part 1 General Requirements

1. **Number:** IEC 61386-21:2021

**Title:** Conduit systems for cable management - Part 21: Particular requirements - Rigid conduit systems

**Scope:** Clause 1 of IEC 61386-1:2008 is applicable, except as follows: This part of IEC 61386 specifies the requirements for rigid conduit systems.

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**To Replace:** KS IEC 61386-21:2002 Conduit Systems For Cable Management Part 21 Particular Requirements Rigid Conduit Systems

1. **Number:** IEC 61386-22:2021

**Title:** Conduit Systems for cable management - Part 22: Particular requirements - Pliable conduit systems

**Scope:** This part of IEC 61386 specifies the requirements for pliable conduit systems including self-recovering conduit systems.

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**To Replace:** KS IEC 61386-22:2002 Conduit Systems For Cable Management Part 22 Particular Requirements Pliable Conduit Systems

1. **Number:** IEC 61386-23:2021

**Title:** Conduit systems for cable management - Part 23: Particular requirements - Flexible conduit systems

**Scope:** This part of IEC 61386 specifies the requirements for flexible conduit systems.

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**To Replace:** KS IEC 61386-23:2002 Conduit Systems For Cable Management Part 23 Particular Requirements Flexible Conduit Systems

1. **Number:** IEC 60332-1-3:2004+AMD1:2015

**Title:** Tests on electric and optical fibre cables under fire conditions - Part 1-3: Test for vertical flame propagation for a single insulatedwire or cable - Procedure for determination of flamingdroplets/particles

**Scope:** This part of IEC 60332 specifies a test procedure for assessment of falling flaming droplets/ particles when a single vertical electrical insulated conductor or cable, or optical fibre cable, is subjected to defined fire conditions.

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**To Replace:** KS IEC 60332-1-3:2004 Tests On Electric and Optical Fibre Cables Under Fire Conditions Part 1 3 Test For Vertical Flame Propagation For A Single Insulated Wire Or Cable Procedure For Determination of Flaming Droplets

1. **Number:** IEC 60332-3-10:2018

**Title:** Tests on electric and optical fibre cables under fire conditions - Part 3-10: Test for vertical flame spread of vertically-mounted bunched wires or cables - Apparatus

**Scope:** This part of IEC 60332 specifies details the apparatus and its arrangement and calibration for methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.

**Online Preview:** [**https://webstore.iec.ch/preview/info\_iec60332-3-10%7Bed2.0.RLV%7Den.pdf**](https://webstore.iec.ch/preview/info_iec60332-3-10%7Bed2.0.RLV%7Den.pdf)

**To Replace:** KS IEC 60332-3-10:2008 Tests On Electric Cables Under Fire Conditions Part 3 10 Test For Vertical Flame Spread of Vertically Mounted Bunched Wires Or Cables Apparatus

1. **Number:** IEC 60332-3-23:2018

**Title:** Tests on electric and optical fibre cables under fire conditions - Part 3-23: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category B

**Scope:** This part of IEC 60332 specifies covers category B for methods of test for the assessment of vertical flame spread of vertically mounted bunched wires or cables, electrical or optical, under defined conditions.

**Online Preview:** [**https://webstore.iec.ch/preview/info\_iec60332-3-23%7Bed2.0.RLV%7Den.pdf**](https://webstore.iec.ch/preview/info_iec60332-3-23%7Bed2.0.RLV%7Den.pdf)

**To Replace:** KS IEC 60332-3-23:2000 Tests On Electric Cables Under Fire Conditions Part 3 23 Test For Vertical Flame Spread of Vertically Mounted Bunched Wires Or Cables Category B

1. **Number:** IEC 60332-3-24:2018

**Title:** Tests on electric and optical fibre cables under fire conditions - Part 3-24: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category C

**Scope:** This part of IEC 60332 covers category C for methods of test for the assessment of vertical flame spread of vertically mounted bunched wires or cables, electrical or optical, under defined conditions. This document relates to cables installed on the test ladder to achieve a nominal total volume of non-metallic material of 1,5 l/m of test sample. The flame application time is 20 min. The method of mounting uses the front of the standard ladder. The category is intended for general use where low volumes of non-metallic material are required to be evaluated.

**Online Preview:** [**https://webstore.iec.ch/preview/info\_iec60332-3-24%7Bed2.0.RLV%7Den.pdf**](https://webstore.iec.ch/preview/info_iec60332-3-24%7Bed2.0.RLV%7Den.pdf)

**To Replace:** KS IEC 60332-3-24:2000 Tests On Electric Cables Under Fire Conditions Part 3 24 Test For Vertical Flame Spread of Vertically Mountedbunched Wires Or Cables Category C

1. **Number:** IEC 60332-3-25:2018

**Title:** Tests on electric and optical fibre cables under fire conditions - Part 3-25: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category D

**Scope:** This part of IEC 60332 specifies covers category D for methods of test for the assessment of vertical flame spread of vertically mounted bunched wires or cables, electrical or optical, under defined conditions.

**Online Preview:** [**https://webstore.iec.ch/preview/info\_iec60332-3-25%7Bed2.0.RLV%7Den.pdf**](https://webstore.iec.ch/preview/info_iec60332-3-25%7Bed2.0.RLV%7Den.pdf)

**To Replace:** KS IEC 60332-3-25:2009 Tests On Electric Cables Under Fire Conditions Part 3 25 Test For Vertical Flame Spread of Vertically Mounted Bunched Wires Orcables Category D

1. **Number:** IEC 60719:1992

**Title:** Calculation of the lower and upper limits for the average outer dimensions of cables with circular copper conductors and of rated voltages up to and including 450/750 V

**Scope:** This International Standard specifies a method for calculation of the lower and upper limits for the average outer diameter of cables and the outer dimensions of flat cords with circular copper conductors and of rated voltages up to and including 450/750 V. This standard is not applicable to mineral insulated cables. The method shall not be used to calculate the diameter over the core assembly for determining the sheath thickness; the method given in Appendix A of IEC 502 shall be used for this purpose.

**Online Preview:** [**https://webstore.iec.ch/preview/info\_iec60719%7Bed2.0%7Db.img.pdf**](https://webstore.iec.ch/preview/info_iec60719%7Bed2.0%7Db.img.pdf)

**To Replace:** KS 1639:2001 Method For The Calculation of The Lower and Upper Limits For The Average Outer Dimensions of Cables With Circular Copper Conductors and of Rated Voltages Up To and Including 450 750 V

We are therefore seeking views from potential users in respect of the same. The Standards are available at the Kenya Bureau of Standards Information Centre. Please tick and fill your preference in the table below. (If the spaces provided are not enough, please attach a separate sheet of paper).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Standard No | Acceptable | Not Acceptable | Recommendation |
|  | IEC 60317-21:2013+AMD1:2019 |  |  |  |
|  | IEC 60317-31:2015 |  |  |  |
|  | IEC 60317-32:2015 |  |  |  |
|  | IEC 60317-33:2015 |  |  |  |
|  | IEC 60317-46:2013 |  |  |  |
|  | IEC 60317-27-3:2019 |  |  |  |
|  | IEC 60317-48:2012 |  |  |  |
|  | IEC 60317-49:2012 |  |  |  |
|  | IEC 60317-50:2012 |  |  |  |
|  | IEC 60317-37:2013 |  |  |  |
|  | IEC 60502-1:2021 |  |  |  |
|  | IEC 60317-0-3:2019 |  |  |  |
|  | IEC 60317-0-4:2020 |  |  |  |
|  | IEC 60468:1974 |  |  |  |
|  | IEC 60028:1925 |  |  |  |
|  | IEC 62230:2013 |  |  |  |
|  | IEC 60974-12:2011 |  |  |  |
|  | IEC 60974-1:2021 |  |  |  |
|  | IEC 60189-1:2018 |  |  |  |
|  | IEC 60317-15:2004+AMD1:2010 |  |  |  |
|  | IEC 61125:2018 |  |  |  |
|  | IEC 60245-6:1994 |  |  |  |
|  | IEC 60038/AMD1:2021 Amendment 1 |  |  |  |
|  | IEC 60227-7:1995+AMD1:2003+AMD2:2011 |  |  |  |
|  | IEC 60245-1:2003+AMD1:2007 |  |  |  |
|  | IEC 60245-8:2011 |  |  |  |
|  | IEC 60332-3-22:2018 |  |  |  |
|  | IEC 60445:2021 |  |  |  |
|  | IEC 60981:2019 |  |  |  |
|  | IEC 61386-1:2008+AMD1:2017 |  |  |  |
|  | IEC 61386-21:2021 |  |  |  |
|  | IEC 61386-22:2021 |  |  |  |
|  | IEC 61386-23:2021 |  |  |  |
|  | IEC 60332-1-3:2004+AMD1:2015 |  |  |  |
|  | IEC 60332-3-10:2018 |  |  |  |
|  | IEC 60332-3-23:2018 |  |  |  |
|  | IEC 60332-3-24:2018 |  |  |  |
|  | IEC 60332-3-25:2018 |  |  |  |
|  | IEC 60719:1992 |  |  |  |

Name and Signature (of respondent): ................................................

Position (of respondent): .....................................

On behalf of ......................................................................................... (Name of organization)

Date .........................................................................

**NOTE:** Absence of any reply or comments shall be deemed to be an acceptance of the proposal for adoption and **shall constitute an approval vote**.