ADOPTION PROPOSAL FORM

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

**KENYA BUREAU OF STANDARDS**

|  |  |  |
| --- | --- | --- |
| **Document Type:** | **Adoption proposal** | |
| **Dates:** | Circulation date | Closing date |
| 2022-03-01 | 2022-03-31 |
| **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:** ISO 19642-1:2019

**Title:** ROAD VEHICLES — AUTOMOTIVE CABLES — PART 1: VOCABULARY AND DESIGN GUIDELINES

**Scope:** This document defines terms in the field of cables applied in road vehicle general purpose applications, for use in the other parts of the ISO 19642 series.

**Online Preview:** [**https://www.iso.org/obp/ui/#!iso:std:65619:en**](https://www.iso.org/obp/ui/#!iso:std:65619:en)

1. **Number:** ISO 19642-2:2019

**Title:** ROAD VEHICLES — AUTOMOTIVE CABLES — PART 2: TEST METHODS

**Scope:** This document defines test methods for electrical cables in road vehicles, which are used in other parts of the ISO 19642 series

**Online Preview:** [**https://www.iso.org/obp/ui/#iso:std:iso:19642:-2:ed-1:v1:en**](https://www.iso.org/obp/ui/#iso:std:iso:19642:-2:ed-1:v1:en)

1. **Number:** ISO 19642-3:2019

**Title:** ROAD VEHICLES — AUTOMOTIVE CABLES — PART 3: DIMENSIONS AND REQUIREMENTS FOR 30 V A.C. OR 60 V D.C. SINGLE CORE COPPER CONDUCTOR CABLES

**Scope:** This document specifies the dimensions and requirements for single-core cables intended for general purpose vehicle applications where the nominal system voltage is less than or equal to 30 V a.c. or less than or equal to 60 V d.c.. It also applies to individual cores in multi-core cables.

This document specifies requirements for copper conductor cables.

**Online Preview:** [**https://www.iso.org/obp/ui/#!iso:std:66301:en**](https://www.iso.org/obp/ui/#!iso:std:66301:en)

1. **Number:** ISO 19642-4:2019

**Title:** ROAD VEHICLES — AUTOMOTIVE CABLES — PART 4: DIMENSIONS AND REQUIREMENTS FOR 30 V A.C. AND 60 V D.C. SINGLE CORE ALUMINIUM CONDUCTOR CABLES

**Scope:** This document specifies the dimensions and requirements for single-core cables intended for general purpose vehicle applications where the nominal system voltage is less than or equal to 30 V a.c. or less than or equal to 60 V d.c.. It also applies to individual cores in multi-core cables.

This document specifies requirements for aluminium conductor cables.

**Online Preview:** [**https://www.iso.org/obp/ui/#!iso:std:66302:en**](https://www.iso.org/obp/ui/#!iso:std:66302:en)

1. **Number:** ISO 19642-5:2019

**Title:** ROAD VEHICLES — AUTOMOTIVE CABLES — PART 5: DIMENSIONS AND REQUIREMENTS FOR 600 V A.C. OR 900 V D.C. AND 1 000 V A.C. OR 1 500 V D.C. SINGLE CORE COPPER CONDUCTOR CABLES

**Scope:** This document specifies the dimensions and requirements for single core cables intended for use in general purpose road vehicle applications where the nominal system voltage is 600 V a.c. or 900 V d.c. and 1 000 V a.c. or 1 500 V d.c.. It also applies to the individual conductor cores used in multi core cables.

This document specifies requirements for copper conductor cables.

**Online Preview:** [**https://www.iso.org/obp/ui/#!iso:std:66303:en**](https://www.iso.org/obp/ui/#!iso:std:66303:en)

1. **Number:** ISO 19642-6:2019

**Title:** ROAD VEHICLES — AUTOMOTIVE CABLES — PART 6: DIMENSIONS AND REQUIREMENTS FOR 600 V A.C. OR 900 V D.C. AND 1 000 V A.C. OR 1 500 V D.C. SINGLE CORE ALUMINIUM CONDUCTOR CABLES

**Scope:** This document specifies the dimensions and requirements for single core cables intended for use in general purpose road vehicle applications where the nominal system voltage is 600 V a.c. or 900 V d.c. and 1 000 V a.c. or 1 500 V d.c. It also applies to the individual conductor cores used in multi core cables.

This document specifies requirements for aluminium conductor cables.

**Online Preview:** [**https://www.iso.org/obp/ui/#!iso:std:66304:en**](https://www.iso.org/obp/ui/#!iso:std:66304:en)

1. **Number:** ISO 19642-7:2019

**Title:** ROAD VEHICLES — AUTOMOTIVE CABLES — PART 7: DIMENSIONS AND REQUIREMENTS FOR 30 V A.C. OR 60 V D.C. ROUND, SHEATHED, SCREENED OR UNSCREENED MULTI OR SINGLE CORE COPPER CONDUCTOR CABLES

**Scope:** This document specifies the dimensions and requirements for multi or single core cables intended for use in road vehicle applications where the nominal system voltage is 30 V a.c. or 60 V d.c.. It also applies to individual cores in multi core and single core cables.

**Online Preview:** [**https://www.iso.org/obp/ui/#!iso:std:66305:en**](https://www.iso.org/obp/ui/#!iso:std:66305:en)

1. **Number:** ISO 19642-8:2019

**Title:** ROAD VEHICLES — AUTOMOTIVE CABLES — PART 8: DIMENSIONS AND REQUIREMENTS FOR 30 V A.C. OR 60 V D.C. ROUND, SHEATHED, SCREENED OR UNSCREENED MULTI OR SINGLE CORE ALUMINIUM CONDUCTOR CABLES

**Scope:** This document specifies the dimensions and requirements for multi or single core cables intended for use in road vehicle applications where the nominal system voltage is 30 V a.c. or 60 V d.c.. It also applies to individual cores in multi core cables.

**Online Preview:** [**https://www.iso.org/obp/ui/#!iso:std:66306:en**](https://www.iso.org/obp/ui/#!iso:std:66306:en)

1. **Number:** ISO 19642-9:2019

**Title:** ROAD VEHICLES — AUTOMOTIVE CABLES — PART 9: DIMENSIONS AND REQUIREMENTS FOR 600 V A.C. OR 900 V D.C. AND 1 000 V A.C. OR 1 500 V D.C. ROUND, SHEATHED, SCREENED OR UNSCREENED MULTI OR SINGLE CORE COPPER CONDUCTOR CABLES

**Scope:** This document specifies the dimensions and requirements for multi or single core cables intended for use in road vehicle applications where the nominal system voltage is 600 V a.c. or 900 V d.c. and 1 000 V a.c. or 1 500 V d.c.. It also applies to individual cores in multi and single core cables.

**Online Preview:** [**https://www.iso.org/obp/ui/#!iso:std:66307:en**](https://www.iso.org/obp/ui/#!iso:std:66307:en)

1. **Number:** ISO 19642-10:2019

**Title:** ROAD VEHICLES — AUTOMOTIVE CABLES — PART 10: DIMENSIONS AND REQUIREMENTS FOR 600 V A.C. OR 900 V D.C. AND 1 000 V A.C. OR 1 500 V D.C. ROUND, SHEATHED, SCREENED OR UNSCREENED MULTI OR SINGLE CORE ALUMINIUM CONDUCTOR CABLES

**Scope:** This document specifies the dimensions and requirements for multi or single core cables intended for use in road vehicle applications where the nominal system voltage is 600 V a.c. or 900 V d.c. and 1 000 V a.c. or 1 500 V d.c.. It also applies to individual cores in multi and single core cables.

**Online Preview:** [**https://www.iso.org/obp/ui/#!iso:std:66308:en**](https://www.iso.org/obp/ui/#!iso:std:66308:en)

1. **Number:** IEC 60332-3-21:2018

**Title:** Tests on electric and optical fibre cables under fire conditions - Part 3-21: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category A F/R

**Scope:** This part of IEC 60332 covers category A F/R for methods of test for the assessment of

vertical flame spread of vertically-mounted bunched wires or cables, under defined

conditions.

**Online Preview:** [**https://webstore.iec.ch/preview/info\_iec60332-3-21%7Bed2.0%7Db.pdf**](https://webstore.iec.ch/preview/info_iec60332-3-21%7Bed2.0%7Db.pdf)

**To Replace:** KS IEC 60332-3-21: 2000 Tests on electric cables under fire conditions Part 3-21: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category A F/R.

1. **Number:** IEC 61084-2-2:2017

**Title:** Cable trunking systems and cable ducting systems for electrical installations - Part 2-2: Particular requirements - Cable trunking systems and cable ducting systems intended for mounting underfloor, flushfloor, or onfloor

**Scope:** IEC 61084-2-2:2017 specifies requirements and tests for cable trunking systems (CTS) and cable ducting systems (CDS) intended for the accommodation, and where necessary for the electrically protective separation, of insulated conductors, cables and possibly other electrical equipment in electrical and/or communication systems installations. The maximum voltage of these installations is 1 000 V AC and 1 500 V DC.

**Online Preview:** [**https://webstore.iec.ch/preview/info\_iec61084-2-2%7Bed2.0%7Db.pdf**](https://webstore.iec.ch/preview/info_iec61084-2-2%7Bed2.0%7Db.pdf)

**To Replace:** KS 889-1:1989 Specification for cable trunking - Part 1: Steel surface trunking.

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 |
|  | ISO 19642-1:2019 |  |  |  |
|  | ISO 19642-2:2019 |  |  |  |
|  | ISO 19642-3:2019 |  |  |  |
|  | ISO 19642-4:2019 |  |  |  |
|  | ISO 19642-5:2019 |  |  |  |
|  | ISO 19642-6:2019 |  |  |  |
|  | ISO 19642-7:2019 |  |  |  |
|  | ISO 19642-8:2019 |  |  |  |
|  | ISO 19642-9:2019 |  |  |  |
|  | ISO 19642-10:2019 |  |  |  |
|  | IEC 60332-3-21:2018 |  |  |  |
|  | IEC 61084-2-2:2017 |  |  |  |

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**.