**KENYA BUREAU OF STANDARDS**

**ADOPTION PROPOSAL**

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| **Document Type:** | **Adoption proposal** | |
| **Dates:** | Circulation date | Closing date |
| 2019-11-07 | 2019-12-09 |
| **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 following International Standards as detailed here below:

1. **Number:** IEC 61000-3-2:2018

**Title:** Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤16 A per phase)

**Scope:** This part of IEC 61000 deals with the limitation of harmonic currents injected into the public

supply system. It specifies limits of harmonic components of the input current which can be produced by

equipment tested under specified conditions.

This part of IEC 61000 is applicable to electrical and electronic equipment having a rated

input current up to and including 16 A per phase, and intended to be connected to public

low-voltage distribution systems.

Arc welding equipment which is not professional equipment, with a rated input current up to

and including 16 A per phase, is included in this document. Arc welding equipment intended

for professional use, as specified in IEC 60974-1, is excluded from this document and can be

subject to installation restrictions as indicated in IEC 61000-3-12.

The tests according to this document are type tests.

For systems with nominal voltages less than but not equal to 220 V (line-to-neutral), the limits

have not yet been considered.

**Online Preview**: <https://webstore.iec.ch/preview/info_iec61000-3-2%7Bed5.0.RLV%7Den.pdf>

1. **Number:** IEC 62504:2018

**Title:** General lighting - Light emitting diode (LED) products and related equipment - Terms and definitions

**Scope:** This International Standard IEC 62504 is of assistance in the common understanding of terms

and definitions, relevant for general lighting with LED technology. The terms included are

those already available in IEC LED standards or used in manufacturers' literature.

This standard provides descriptive terms (like “LED light sources”) and measurable terms

when modified from IEC 60050-845 (like “colour rendering index”).

**Online Preview**: <https://webstore.iec.ch/preview/info_iec62504%7Bed1.1%7Db.pdf>

1. **Number:** IEC 62504:2018

**Title:** General lighting - Light emitting diode (LED) products and related equipment - Terms and definitions

**Scope:** This International Standard IEC 62504 is of assistance in the common understanding of terms

and definitions, relevant for general lighting with LED technology. The terms included are

those already available in IEC LED standards or used in manufacturers' literature.

This standard provides descriptive terms (like “LED light sources”)

**Online Preview**: <https://webstore.iec.ch/preview/info_iec62504%7Bed1.1%7Db.pdf>

1. **Number:** IEC 62321-1:2013

**Title:** Determination of certain substances in electrotechnical products - Part 1: Introduction and overview

**Scope:** This part of IEC 62321 refers to the sample as the object to be processed and measured. The

nature of the sample and the manner in which it is acquired is defined by the entity carrying

out the tests and not by this standard.

It is noted that the selection of the sample may affect the interpretation of the test results.

While this standard provides guidance on the disassembly procedure employed for obtaining

a sample, it does not determine or specify:

• the level of the disassembly procedure required for obtaining a sample;

• the definition of a “unit” or “homogenous material” as the sample;

• conformity assessment procedures.

**Online Preview**: <https://webstore.iec.ch/preview/info_iec62321-1%7Bed1.0%7Db.pdf>

1. **Number:** IEC 62321-3-1:2013

**Title:** Determination of certain substances in electrotechnical products - Part 3-1: Screening - Lead, mercury, cadmium, total chromium and total bromine using X-ray fluorescence spectrometry

**Scope:** Part 3-1 of IEC 62321 describes the screening analysis of five substances, specifically lead

(Pb), mercury (Hg), cadmium (Cd), total chromium (Cr) and total bromine (Br) in uniform

materials found in electrotechnical products, using the analytical technique of X-ray

fluorescence (XRF) spectrometry.

It is applicable to polymers, metals and ceramic materials. The test method may be applied to

raw materials, individual materials taken from products and “homogenized” mixtures of more

than one material. Screening of a sample is performed using any type of XRF spectrometer,

provided it has the performance characteristics specified in this test method. Not all types of

XRF spectrometers are suitable for all sizes and shapes of sample. Care should be taken to

select the appropriate spectrometer design for the task concerned.

**Online Preview**: <https://webstore.iec.ch/preview/info_iec62321-3-1%7Bed1.0%7Db.pdf>

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 and a preview via the links on the individual standards.

Please tick and fill your preference of the listed option. (If the spaces provided are not enough, please attach a separate sheet of paper).

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| No. | Standard | Adoption Accepted | Adoption not Acceptable | Recommendation |
| 1. | IEC 61000-3-2:2018 |  |  |  |
| 2. | IEC 62504:2018 |  |  |  |
| 3. | IEC 62504:2018 |  |  |  |
| 4. | IEC 62321-1:2013 |  |  |  |
| 5. | IEC 62321-3-1:2013 |  |  |  |

Name and signature (of respondent) ………………………………………… Position…………………

Signature: …………………………………………………….

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 confirmation and **shall constitute an approval vote…**