APPENDIX AA  
ADOPTION PROPOSAL FORM

**CPR183/F12**

**KENYA BUREAU OF STANDARDS**

|  |  |  |
| --- | --- | --- |
| **Document Type:** | **Adoption proposal** | |
| **Dates:** | Circulation date | Closing date |
| 21th July 2025 | 21th August 2025 |
| **TC Secretary** | **This form shall be filled, signed and returned to Kenya Bureau of Standards for the attention of Mercy Kang'wele Sila (silam@kebs.org)** | |

The Kenya Bureau of Standards intends to adopt the International Standards as detailed here below.

**KEBS/TC 129 EQUIPMENTS FOR FIRE FIGHTING AND FIRE PROTECTION**

1. **Number: ISO 7240-2: 2017**

**Title:** Fire detection and alarm systems Part 2: Fire detection control and indicating equipment

**Scope**: This document specifies requirements, test methods and performance criteria for fire detection control and indicating equipment (FDCIE) for use in fire detection and fire alarm systems installed in buildings.

For the testing of other types of FDCIE, this document is intended to be used only for guidance. FDCIE with special characteristics, developed for specific risks, are not covered in this document.

<https://www.iso.org/obp/ui/en/#iso:std:iso:7240:-2:ed-2:v1:en>

1. **Number: ISO 7240-3:2020**

**Title**: Fire detection and alarm systems — Part 3: Audible alarm devices

**Scope**: This document specifies the requirements, test methods and performance criteria for audible alarm devices intended to signal an audible warning, with or without voice messages between a fire detection and fire alarm system and the occupants of a building.

This document specifies fire alarm audible alarm devices for two types of application environment, type A for indoor use and type B for outdoor use.

This document is not applicable to:

* a) loudspeaker-type devices primarily intended for emitting emergency voice messages that are generated from an external audio source;
* b) supervisory audible alarm devices, e.g. within the control and indicating equipment.

<https://www.iso.org/obp/ui/en/#iso:std:iso:7240:-3:ed-2:v1:en>

1. **Number: ISO 7240-5:2018**

**Title**: Fire detection and fire alarm systems — Part 5: Point type heat detectors

**Scope**: This document specifies the requirements, test methods and performance criteria for point type heat detectors for use in fire detection and fire alarm systems for buildings (see [ISO 7240-1](https://www.iso.org/obp/ui/en/#iso:std:iso:7240:-1:en)).

For other types of heat detector, or for detectors intended for use in other environments, this document can be used for guidance only. Heat detectors with special characteristics and developed for specific risks are not covered by this document.

<https://www.iso.org/obp/ui/en/#iso:std:iso:7240:-5:ed-3:v1:en>

1. **Number: ISO 7240-7:2023**

**Title**: Fire detection and alarm systems — Part 7: Point-type smoke detectors using scattered light, transmitted light or ionization

**Scope**: This document specifies requirements, test methods and performance criteria for point-type smoke detectors that operate using scattered light, transmitted light or ionization, for use in fire detection and alarm systems installed in buildings (see [ISO 7240-1](https://www.iso.org/obp/ui/en/#iso:std:iso:7240:-1:en)). This document also covers point-type smoke detectors that incorporate more than one smoke sensor operating on these principles. Additional requirements and test methods for such detectors are given in [Annex N](https://www.iso.org/obp/ui/en/#iso:std:iso:7240:-7:ed-4:v1:en:sec:N).

For the testing of other types of smoke detectors, or smoke detectors working on different principles, this document is only intended to be used for guidance. This document is not applicable to smoke detectors with special characteristics, developed for specific risks.

NOTE Certain types of detectors contain radioactive materials.

<https://www.iso.org/obp/ui/en/#iso:std:iso:7240:-7:ed-4:v1:en>

1. **Number: ISO 7240-23:2013**

**Title**: Fire detection and alarm systems — Part 23: Visual alarm devices

**Scope**: his part of [ISO 7240](https://www.iso.org/obp/ui/en/#iso:std:iso:7240:en) specifies the requirements, test methods and performance criteria for visual alarm devices in a fixed installation intended to signal a visual warning of a fire between a fire detection and alarm system and occupants in and around buildings.

This part of [ISO 7240](https://www.iso.org/obp/ui/en/#iso:std:iso:7240:en) specifies visual alarm devices for three types of application environment.

It is only applicable to pulsing or flashing visual alarm devices, for example xenon beacons or rotating beacons. It is not applicable to devices giving continuous light output.

This part of [ISO 7240](https://www.iso.org/obp/ui/en/#iso:std:iso:7240:en) is not intended to cover visual indicators, for example, on detectors or on the control and indicating equipment.

<https://www.iso.org/obp/ui/en/#iso:std:iso:7240:-23:ed-1:v1:en>

1. **Number: ISO 12239:2021**

**Title**: Smoke alarms using scattered light, transmitted light or ionization

**Scope**: This document specifies requirements, test methods, performance criteria and manufacturers' instructions for smoke alarms that operate using scattered light, transmitted light or ionization, and are intended for household or similar residential applications.

For the testing of other types of smoke alarms, or smoke alarms working on different principles, this document is recommended only as guidance. Smoke alarms with special characteristics and developed for specific risks are not covered by this document.

This document allows, although it does not require, the inclusion within the smoke alarm of facilities for the following:

* — visual fault condition indication;
* — extended temperature-range operation;
* — interconnection with other similar smoke alarms or accessories;
* — temporary disablement;
* — alarm silencing;
* — signal frequency characteristics;
* — standby power source low condition silence;
* — smoke alarms with voice;
* — smoke alarms using radio frequency links;
* — response to slowly developing fires (drift compensation).

Where such facilities are included, this document specifies applicable requirements.

This document does not cover devices intended for incorporation in systems using separate control and indicating equipment. Such systems are specified in the [ISO 7240](https://www.iso.org/obp/ui/en/#iso:std:iso:7240:en) series.

<https://www.iso.org/obp/ui/en/#iso:std:iso:12239:ed-3:v1:en>

1. **Number: ISO 8201:2017**

**Title:** Alarm systems — Audible emergency evacuation signal — Requirements

**Scope**: This document specifies the requirements for an audible emergency evacuation signal intended to indicate without ambiguity, to all persons within the reception area of the signal, that an emergency situation (fire, gas leaks, explosion, nuclear radiation, etc.) requires immediate evacuation.

Two acoustic parameters of the audible emergency evacuation signal are defined: the temporal pattern and the required sound pressure level at all places within the intended reception area of the signal.

NOTE Recognition of the signal does not require the specification of its spectral content, which can be selected to satisfy specific site requirements.

The signal specified in this document is intended to be used in buildings, including but not limited to schools, hotels, residential buildings, public institutions and work places (such as factories and offices) The signal can also be used in outside areas.

This document is not applicable to warning signals, to signals for public disaster control or to alarm systems on board ships or in outdoor moving vehicles, such as police cars, fire engines and ambulances.

The individual signalling-system components of the signal are also out of the scope of this document.

<https://www.iso.org/obp/ui/en/#iso:std:iso:8201:ed-2:v2:en>

1. **Number:** **ISO 6183:2022**

**Title:** Fire protection equipment — Carbon dioxide extinguishing systems for use on premises — Design and installation

**Scope**: this document specifies requirements and gives recommendations for the design, installation, testing, maintenance and safety of fixed carbon dioxide firefighting systems in buildings, plants or other structures. It is not applicable to extinguishing systems on ships, in aircraft, on vehicles or on mobile fire appliances, or to below‑ground systems in the mining industry; nor does it apply to carbon dioxide pre-inerting systems.

Design of systems where unclosable opening(s) exceed a specified area and where the opening(s) can be subject to the effect of wind is not specified, although general guidance on the procedure to be followed in such cases is given (see [7.4.3.2](https://www.iso.org/obp/ui/en/#iso:std:iso:6183:ed-3:v1:en:sec:7.4.3.2)).

<https://www.iso.org/obp/ui/en/#iso:std:iso:6183:ed-3:v1:en>

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

Adoption acceptable as presented

...............................................................................................................................

...............................................................................................................................

Adoption proposal not acceptable because of the reason(s) below

...............................................................................................................................

...............................................................................................................................

Our Recommendations are as follows

...............................................................................................................................

...............................................................................................................................

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**.