ADOPTION PROPOSAL FORM

**CPR183/F15**

**KENYA BUREAU OF STANDARDS**

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| **Document Type:** | **Adoption proposal** | |
| **Dates:** | Circulation date | Closing date |
| 2021-04-12 | 2021-05-11 |
| **TC Secretary** | **This form shall be filled, signed and returned to Kenya Bureau of Standards for the attention of Tania Monica (taniam@kebs.org)** | |

The Kenya Bureau of Standards intends to adopt the International Standards as detailed in the attached list.

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).

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**.

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| S/No. | KS NO. | TITLE AND SCOPE |
|  | KS ISO 18249:2015 | **Title**: Kenya Standard ― Accuracy (trueness and precision) of measurement methods and results — Part 2: Basic method for the determination of repeatability and reproducibility of a standard measurement method, First Edition  **Scope**: This International Standard describes the general principles of acoustic emission testing (AT) of materials, components, and structures made of fibre-reinforced polymers (FRP) with the aim of  — materials characterization,  — proof testing and manufacturing quality control,  — retesting and in-service testing, and  — health monitoring.  This International Standard has been designed to describe specific methodology to assess the integrity of fibre-reinforced polymers (FRP), components, or structures or to identify critical zones of high damage accumulation or damage growth under load (e.g. suitable instrumentation, typical sensor arrangements, and location procedures).  **Description**: The increasing use of fibre-reinforced polymer (FRP) materials in structural (e.g. aerospace, automotive, civil engineering) and infrastructural applications (e.g. gas cylinders, storage tanks, pipelines) requires respective developments in the field of non-destructive testing.Because of its sensitivity to the typical damage mechanisms in FRP, acoustic emission testing (AT) is uniquely suited as a test method for this class of materials. |

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| **S/No.** | **Standard Number** | **Our proposed action** | | **Reasons the adoption proposal is not acceptable** |
|  |  | Adoption acceptable as presented | Adoption proposal not acceptable because of the reason(s) | **Our Recommendations are as follows (cite specific clauses and wording preferred)** |
|  | KS ISO 18249:2015 |  |  |  |