ADOPTION PROPOSAL FORM

**CPR183/F15**

**KENYA BUREAU OF STANDARDS**

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| **Document Type:** | **Adoption proposal** | |
| **Dates:** | Circulation date | Closing date |
| 2022-01-12 | 2022-02-12 |
| **TC Secretary** | **This form shall be filled, signed and returned to Kenya Bureau of Standards for the attention of Mary Ngotho (ngothom@kebs.org)** | |

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

We are therefore seeking views from potential users in respect of the same. The Standards are available at the Kenya Bureau of Standards Information Resource Centre. Please tick and fill your preference of the listed option in the attached table against each of the standards.

Where the option is that the adoption is not acceptable, you MUST give a reason(s) and recommendation(s).

**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**.

1. **Number**: ISO 4266-1:2002

**Title**: Petroleum and liquid petroleum products — Measurement of level and temperature in storage tanks by automatic methods — Part 1: Measurement of level in atmospheric tanks **Scope**: This part of [ISO 4266](https://www.iso.org/obp/ui/#iso:std:iso:4266:en) gives guidance on the accuracy, installation, commissioning, calibration and verification of automatic level gauges (ALGs), of both intrusive and non-intrusive types, for measuring the level of petroleum and petroleum products having a Reid vapour pressure less than 100 kPa, stored in atmospheric storage tanks..

<https://www.iso.org/obp/ui/#iso:std:iso:4266:-1:ed-1:v1:en>

1. **Number** ISO 4266-2:2002

**Title**: Petroleum and liquid petroleum products — Measurement of level and temperature in storage tanks by automatic methods — Part 2: Measurement of level in marine vessels

**Scope** This part of [ISO 4266](https://www.iso.org/obp/ui/#iso:std:iso:4266:en) gives guidance on the accuracy, installation, calibration and verification of automatic level gauges (ALGs), both intrusive and non-intrusive, for measuring the level of petroleum and liquid petroleum products having a Reid vapour pressure less than 100 kPa, transported aboard marine vessels (i.e. tankers and barges).

<https://www.iso.org/obp/ui/#iso:std:iso:4266:-2:ed-1:v1:en>

1. **Number**: ISO 4266-3:2002

**Title**: Petroleum and liquid petroleum products — Measurement of level and temperature in storage tanks by automatic methods — Part 3: Measurement of level in pressurized storage tanks (non-refrigerated)

**Scope**: This part of [ISO 4266](https://www.iso.org/obp/ui/#iso:std:iso:4266:en) gives guidance on the accuracy, installation, commissioning, calibration and verification of automatic level gauges (ALGs) both intrusive and non-intrusive, for measuring the level of petroleum and petroleum products having a vapour pressure less than 4 MPa, stored in pressurized storage tanks

<https://www.iso.org/obp/ui/#iso:std:iso:4266:-3:ed-1:v1:en>

1. **Number**: ISO 4266-4:2002

**Title**: Petroleum and liquid petroleum products — Measurement of level and temperature in storage tanks by automatic methods — Part 4: Measurement of temperature in atmospheric tanks

**Scope** This part of [ISO 4266](https://www.iso.org/obp/ui/#iso:std:iso:4266:en) gives guidance on the selection, accuracy, installation, commissioning, calibration and verification of automatic tank thermometers (ATTs) in fiscal/custody transfer applications in which the ATT is used for measuring the temperature of petroleum and liquid petroleum products having a Reid vapour pressure less than 100 kPa, stored in atmospheric storage tanks.

<https://www.iso.org/obp/ui/#iso:std:iso:4266:-4:ed-1:v1:en>

1. **Number**: ISO 4266-5:2002

**Title**: Petroleum and liquid petroleum products — Measurement of level and temperature in storage tanks by automatic methods — Part 5: Measurement of temperature in marine vessels.

**Scope**: This part of [ISO 4266](https://www.iso.org/obp/ui/#iso:std:iso:4266:en) gives guidance on the selection, accuracy, installation, commissioning, calibration and verification of automatic tank thermometers (ATTs) in fiscal/custody transfer applications in which the ATT is used for measuring the temperature of petroleum and liquid petroleum products having a Reid vapour pressure less than 100 kPa, stored in cargo tanks on board marine vessels.

<https://www.iso.org/obp/ui/#iso:std:iso:4266:-5:ed-1:v1:en>

1. **Number**: ISO 4266-6:2002

**Title**: Petroleum and liquid petroleum products — Measurement of level and temperature in storage tanks by automatic methods — Part 6: Measurement of temperature in pressurized storage tanks (non-refrigerated)

**Scope**: This part of [ISO 4266](https://www.iso.org/obp/ui/#iso:std:iso:4266:en) gives guidance on the selection, accuracy, installation, commissioning, calibration and verification of automatic tank thermometers (ATTs) in fiscal/custody transfer applications in which the ATT is used for measuring the temperature of petroleum and liquid petroleum products, stored in pressurized storage tanks.

<https://www.iso.org/obp/ui/#iso:std:iso:4266:-6:ed-1:v1:en>

1. **Number**: ISO 8222:2020

**Title**: Petroleum measurement systems — Calibration — Volumetric measures, proving tanks and field measures (including formulae for properties of liquids and materials)

**Scope** This document describes the design, use and calibration of volumetric measures (capacity measures) which are intended for use in fixed locations in a laboratory or in the field. This document gives guidance on both standard and non-standard measures. It also covers portable and mobile measures. This document is applicable to the petroleum industry; however, it may be applied more widely to other applications.

<https://www.iso.org/obp/ui/#iso:std:iso:8222:ed-3:v1:en>

1. Number: ISO 8222:2020

Title : Petroleum measurement systems — Calibration — Volumetric measures, proving tanks and field measures (including formulae for properties of liquids and materials) — AMENDMENT 1: Correction of two typographical errors

<https://www.iso.org/obp/ui/#iso:std:iso:8222:ed-3:v1:amd:1:v1:en>

1. **Number :** ISO 20823:2003

**Title:** Petroleum and related products — Determination of the flammability characteristics of fluids in contact with hot surfaces — Manifold ignition test

**Scope:** This International Standard specifies a test method to determine the relative flammability of fluids when contacted with a hot metal surface at a fixed temperature, but it is also possible to gauge fluid ignition temperatures by adjustment of the manifold temperature.

<https://www.iso.org/obp/ui/#iso:std:iso:20823:ed-1:v1:en>

1. **Number**: ISO TR 19441:2018

**Title:** Petroleum products — Density versus temperature relationships of current fuels, biofuels and biofuel components

**Scope:** This document lists and describes recent density measurements at different temperatures for biofuel components and biofuel blends such as gasoline E5, E10, E85 and biodiesel B100, B7, as well as domestic heating oils and paraffinic diesel fuels.

<https://www.iso.org/obp/ui/#iso:std:iso:tr:19441:ed-1:v1:en>

1. **Number**: ISO 16591:2010

**Title:** Petroleum products — Determination of sulfur content — Oxidative microcoulometry method

**Scope:** This International Standard specifies a method for the determination of the sulfur content by oxidative microcoulometry of petroleum light and middle distillates with a final boiling point not higher than 400 °C. It is applicable to materials with sulfur contents in the range of 1 mg/kg to 100 mg/kg.

<https://www.iso.org/obp/ui/#iso:std:iso:16591:ed-1:v1:en>

1. **Number:** ISO/TR 29662:2020

**Title:** Petroleum products and other liquids — Guidance for flash point and combustibility testing

**Scope:** This document establishes an overview of test methods in the field to determine flash point and combustibility of petroleum and related products. It presents advice on application and specification development. This document is not intended to be a comprehensive manual on flash point and combustibility tests, and the interpretation of test results, however it covers the key aspects on these subjects**.**

<https://www.iso.org/obp/ui/#iso:std:iso:tr:29662:ed-2:v1:en>

1. **Number**: ISO 13501:2011

**Title:** Petroleum and natural gas industries — Drilling fluids — Processing equipment evaluation

**Scope:** This International Standard specifies a standard procedure for assessing and modifying the performance of solids control equipment systems commonly used in the field in petroleum and natural gas drilling fluids processing.

<https://www.iso.org/obp/ui/#iso:std:iso:13501:ed-2:v1:en>

**ADOPTION PROPOSAL**

| **S/No.** | **Standard Number** | **Adoption acceptable as presented** | **Adoption proposal not acceptable** | **Reason why adoption proposal not acceptable** | **Proposed Change/recommendation(s)** |
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|  | ISO 4266-1:2002 |  |  |  |  |
|  | ISO 4266-2:2002 |  |  |  |  |
|  | ISO 4266-3:2002 |  |  |  |  |
|  | ISO 4266-4:2002 |  |  |  |  |
|  | ISO 4266-5:2002 |  |  |  |  |
|  | ISO 4266-6:2002 |  |  |  |  |
|  | ISO 8222:2020 |  |  |  |  |
|  | ISO 8222:2020 |  |  |  |  |
|  | ISO 20823:2003 |  |  |  |  |
|  | ISO TR 19441:2018 |  |  |  |  |
|  | ISO 16591:2010 |  |  |  |  |
|  | ISO/TR 29662:2020 |  |  |  |  |
|  | ISO 13501:2011 |  |  |  |  |