



INVITATION FOR PUBLIC COMMENTS ON DRAFT BOTSWANA STANDARDS

◆ **Botswana Bureau of Standards intends to adopt the following International standards as Botswana Standards:**

1. SO/IEC 14763-3:2014 + AMD1:2018, Information technology – Implementation and operation of customer premises cabling – Part 3: Testing of optic fibre cabling

This part of [ISO/IEC 14763](#) specifies systems and methods for the inspection and testing of installed optical fibre cabling designed in accordance with premises cabling standards. The test methods refer to existing standards-based procedures where they exist

2. ISO 20000-2:2019, Information technology – Service management – Part 2: Guidance on the application of service management systems

This document provides guidance for establishing, implementing, maintaining, and continually improving a service management system (SMS). An SMS supports the management of the service lifecycle, including the planning, design, transition, delivery, and improvement of services, which fulfil agreed requirements and deliver value for customers, users, and the organization delivering the services. While it can be used 'regardless of the organization's type or size, or the nature of the services delivered', ISO/IEC 20000-1 has its roots in IT

3. ISO 9459-5:2007, Solar heating – Domestic water heating – Part 5: System performance characterization by means of whole-system tests and computer simulation

This part of [ISO 9459](#) specifies a method for outdoor laboratory testing of solar domestic hot-water (SDHW) systems. The method may also be applied for in-situ tests, and also for indoor tests by specifying appropriate draw-off profiles and irradiance profiles for indoor measurements. The system performance is characterized by means of whole-system tests using a 'black-box' approach, i.e. no measurements on the system components or inside the system are necessary. Detailed instructions are given on the measurement procedure, on processing and analysis of the measurement data, and on presentation of the test report

4. ISO 9553:1997, Solar energy – Methods of testing preformed rubber seals and sealing compounds used in collectors

This International Standard gives requirements for the classification and testing of rubbers used to seal solar energy collectors in order to aid selection for specific applications. The design requirements in this International Standard pertain only to permissible deflection of the rubber during thermal expansion or retraction of the seal in use and to the tolerances on dimensions of moulded and extruded seals. This International Standard does not include requirements pertaining to geometrical design, fabrication or installation of the seals

5. ISO 8178-9:2019 Reciprocating internal combustion engines – Exhaust emission measurement – Part 9: Test cycles and test procedures for measurement of exhaust gas smoke emissions from compression ignition engines using an opacimeter

This standard specifies the measurement procedures and test cycles for the evaluation of smoke emissions from compression ignition engines using an opacimeter. The tests are carried out under steady-state and transient operation using tests cycles which are representative of a given application

6. ISO 8178-9:2019 Reciprocating internal combustion engines – Exhaust emission measurement – Part 9: Test cycles and test procedures for measurement of exhaust gas smoke emissions from compression ignition engines using an opacimeter

This standard specifies a method of determining the position of the centre of gravity of agricultural tractors. The method is applicable to agricultural tractors having at least two axles fitted with wheels or tracks

7. EN 10244-2:2009 Steel wire and wire products - Non-ferrous metallic coatings on steel wire - Part 2: Zinc or zinc alloy coatings

This part of this standard specifies the requirement for coating mass, other properties and testing of zinc and zinc alloy coatings on steel wire and steel wire products of circular or other section .

8. EN 10244-1:2009 Steel wire and wire products - Non-ferrous metallic coatings on steel wire - Part 1: General principles

This part of this standard specifies the requirements for the mass, other properties and testing of non-ferrous metal coatings on steel wire and steel wire products of circular or other cross-section. This standard deals with requirements of general application and is of use for those coatings for which no particular requirements have been laid down in (EN 10244-2 to EN 10244-6). Deviations are possible, particularly if required for well-defined products. In such cases, appropriate requirements should be part of the relevant product standard.

◆ **Botswana Bureau of Standards intends to adopt the following draft standards as Botswana Standards:**

9. FDS 134:2022 The measurement of vehicle exhaust emissions - Code of practice

This code of practice gives specifications for the testing and determination of motor vehicle emissions for petrol and diesel powered vehicles. It specifies the maximum permissible values of carbon monoxide (CO), hydrocarbons (HCs) and smoke (opacity) for vehicle exhaust emissions

10. FDS 887:2022 Zinc-coated fencing wire - Specification

This standard specifies the characteristics of drawn steel wire, zinc-coated by the hot-dip process, to be used for line fencing wire or barbed fencing wire for general purposes

◆ **Botswana Bureau of Standards intends to confirm the following standard as Botswana Standard:**

10.BOS 612:2014 Motor vehicles of categories M₂ and M₃ (Buses) – Specification

This specification covers the requirements for motor vehicle models of category M₂ and M₃, and minibuses, not previously registered or licensed in Botswana, designed or adapted for operation on a public road

11.BOS 57:2017 The testing of motor vehicles for roadworthiness – Code of practice

This standard covers the examination and testing for roadworthiness of all vehicles used on public roads. It has to be read in conjunction with the Road Traffic Act, 1975 and its regulations

PDS 60:2009 Road vehicles — Leaf springs — Specification

This Botswana Standard covers general requirements for materials, leaf spring assembly and individual spring leaves for road vehicles

BOBS cordially invites interested parties to provide their views regarding the above mentioned draft standards by **24TH October 2022** . Copies of these standards may be viewed or requested from the Information Centre of the Botswana Bureau of Standards at Plot No. 55745, Main Airport road, Block 8, Gaborone. Francistown branch at Plot No. 32367, Donga – Adjacent to Metsef wholesale Francistown .

Suggestions which entail revision of the text should indicate the preferred wording and the relevant clauses should be quoted against.

For enquiries please contact: (+267) 364 5403 / 3645472 / 390 3200 5472 / 390 3200

Written comments should be posted, faxed or emailed to:

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