

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 1163 OF 2022

STANDARDS ACT, 2008
STANDARDS MATTERS

In terms of the Standards Act, 2008 (Act No. 8 of 2008), the Board of the South African Bureau of Standards has acted in regard to standards in the manner set out in the Schedules to this notice.

SECTION A: DRAFTS FOR COMMENTS

The following draft standards are hereby issued for public comments in compliance with the norm for the development of the South Africa National standards in terms of section 23(2)(a) (ii) of the Standards Act.

Draft Standard No. and Edition	Title, scope and purport	Closing Date
SANS 62052-11 Ed 2	<i>Electricity metering equipment — General requirements, tests and test conditions Part 11: Metering equipment.</i> Specifies requirements and associated tests, with their appropriate conditions for type testing of AC and DC electricity meters.	2022-08-31
SANS 15118-2 Ed 1	<i>Road vehicles — Vehicle-to-Grid Communication Interface Part 2: Network and application protocol requirements.</i> Specifies the communication between battery electric vehicles (BEV) or plug-in hybrid electric vehicles (PHEV) and the Electric Vehicle Supply Equipment. It contains additional use case elements (Part 1 Use Case Element IDs: F4 and F5) describing the bidirectional energy transfer.	2022-08-31
SANS 15118-3 Ed 1	<i>Road vehicles — Vehicle to grid communication interface Part 3: Physical and data link layer requirements.</i> Specifies the requirements of the physical and data link layer for a high-level communication, directly between battery electric vehicles (BEV) or plug-in hybrid electric vehicles (PHEV), termed as EV (electric vehicle) [ISO-1], based on a wired communication technology and the fixed electrical charging installation [Electric Vehicle Supply Equipment (EVSE)] used in addition to the basic signalling, as defined in [IEC-1]. It covers the overall information exchange between all actors involved in the electrical energy exchange.	2022-08-31
SANS 15118-4 Ed 1	<i>Road vehicles — Vehicle to grid communication interface Part 4: Network and application protocol conformance test.</i> Specifies conformance tests in the form of an Abstract Test Suite (ATS) for a System Under Test (SUT) implementing an EVCC or SECC according to ISO 15118-2. These conformance tests specify the testing of capabilities and behaviours of an SUT as well as checking what is observed against the conformance requirements specified in ISO 15118-2 and against what the supplier states the SUT implementation's capabilities are.	2022-08-31
SANS 62885-5 Ed 1	<i>Surface cleaning appliances Part 5: High pressure cleaners and steam cleaners for household and commercial use — Methods for measuring performance.</i> Lists the characteristic performance parameters for high pressure cleaners and steam cleaners in accordance with IEC 60335-2-79 (published in South Africa as an identical adoption under the designation SANS 60335-2-79).	2022-08-31
SANS 62106-1 Ed 1	<i>Radio data system (RDS) — VHF/FM sound broadcasting in the frequency ranges from 64,0 MHz to 108,0 MHz Part 1: Modulation characteristics and baseband coding.</i> Defines the basic layer of the Radio Data System (RDS) intended for application to VHF/FM sound broadcasts in the range 64,0 MHz to 108,0 MHz, which can carry either stereophonic (pilot-tone system) or monophonic programmes (as stated in ITU-R Recommendation BS.450-3 and ITU-R Recommendation BS.643-3).	2022-08-31
SANS 62135-1 Ed 2	<i>Resistance welding equipment Part 1: Safety requirements for design, manufacture, and installation.</i> Specifies electrical safety requirements for design, manufacture and installation.	2022-08-31

SANS 60730-2-12 Ed 2	<i>Automatic electrical controls - Part 2-12: Particular requirements for electrically operated door locks.</i> Applies to electrically operated door locks for use in, on or in association with equipment, including equipment for heating, air-conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof. This standard also applies to electrically operated door locks for equipment that may be used by the public, such as equipment intended to be used in shops, offices, hospitals, farms and commercial and industrial applications. This standard does not apply to electrically operated door locks intended exclusively for industrial process applications unless explicitly mentioned in the equipment standard. This standard does not apply to electrically operated door locks intended for security access applications.	2022-08-31
SANS 60034-2-3 Ed 1	<i>Rotating electrical machines Part 2-3: Specific test methods for determining losses and efficiency of converter-fed AC motors.</i> Specifies test methods and an interpolation procedure for determining losses and efficiencies of converter-fed motors within the scope of IEC 60034-1:2017. The motor is then part of a variable frequency power drive system (PDS) as defined in IEC 61800-9-2:2017.	2022-08-31
SANS 14063 Ed 2	<i>Environmental management — Environmental communication — Guidelines and examples.</i> Gives guidelines to organizations for general principles, policy, strategy and activities relating to both internal and external environmental communication	2022-08-31
SATS 62257-1 Ed. 1	<i>Recommendations for renewable energy and hybrid systems for rural electrification Part 1: General introduction to IEC 62257 series and rural electrification.</i> Introduces a methodology for implementing rural electrification using autonomous hybrid renewable energy systems.	2022-08-31
SANS 3001-CO3-5 Ed 1	<i>Civil engineering test methods Part CO3-5: The drilling, preparation, and testing for compressive strength of cores taken from hardened concrete.</i> Describes a method of taking cores from hardened concrete, preparing them for testing and determining their compressive strengths.	2022-09-06
SANS 62104 Ed 3	<i>Characteristics of DAB receivers.</i> Describes the digital audio broadcasting (DAB) receiver characteristics for consumer equipment intended for terrestrial and cable reception operating in VHF band III.	2022-08-31
SANS 17060 Ed 1	<i>Conformity assessment — Code of good practice.</i> Recommends good practices for all elements of conformity assessment, including objects of conformity assessment, specified requirements, activities, bodies, systems, schemes and results.	2022-09-05
SATS 60034-27-5 Ed 1	<i>Rotating electrical machines Part 27-5: Off-line measurement of partial discharge inception voltage on winding insulation under repetitive impulse voltage.</i> Provides an off-line measurement method of the partial discharge inception and extinction voltage on winding insulation under repetitive impulse voltage. This document is relevant to rotating machines supplied by a voltage source converter.	2022-09-10
SATR 33017 Ed 1	<i>Information technology — Process assessment — Framework for assessor training.</i> Provides a framework for assessor training aimed at training providers who design, develop, and/or deliver training courses for assessors conducting assessments conformant with ISO/IEC 33002.	2022-09-10

SCHEDULE A.1: AMENDMENT OF EXISTING STANDARDS

The following draft amendments are hereby issued for public comments in compliance with the norm for the development of the South African National Standards in terms of section 23(2)(a) (ii) of the Standards Act.

Draft Standard No. and Edition	Title	Scope of amendment	Closing Date
SANS 945-2 Ed 2.1	<i>Support and compression bandages Part 2: Warp-knitted bandages.</i>	Amended to delete the annex on notes to purchasers.	2022-08-28
SANS 1038 Ed 2.2	<i>Cotton eyelet fabric.</i>	Amended to delete notes to purchasers.	2022-08-28
SANS 1229	<i>Processed core-spun ducks.</i>	Amended to update referenced standards	2022-08-28

Ed 1.1		and to delete the annex on notes to purchasers.	
SANS 1647 Ed 1.1	<i>Approved market names for South African fish and related seafood species.</i>	Amended to update the scientific name in Annex B.	2022-08-29
SANS 1112 Ed 1.2	<i>Open-end, box, and combination wrenches.</i>	Amended to delete the appendix on notes to purchasers.	2022-08-29
SANS 1211 Ed 1.3	<i>Adjustable wrenches.</i>	Amended to delete the appendix on notes to purchasers.	2022-08-29
SANS 1285 Ed 1.4	<i>Woodworking saws for hand use.</i>	Amended to delete the appendix on notes to purchasers.	2022-08-29
SANS 1520-3 Ed 1.1	<i>Flexible electric trailing cables for use in mines Part 3: Cables with operating voltage of 1 500 V d.c.</i>	Amended to delete annex on notes to purchasers.	2022-09-06
SANS 1520-1 Ed 2.1	<i>Flexible electric trailing cables for use in mines - Part 1: cables with operating voltages of 640/1100 V and 1900/3300 V.</i>	Amended to delete annex on notes to purchasers, to delete a definition of acceptable and to renumber definitions.	2022-09-06
SANS 5526 Ed 3.1	<i>Dielectric resistance of electric cables.</i>	Amended to change to formula to calculate resistivity	2022-09-06
SANS 3001-BT12 Ed 1.1	<i>Civil engineering test methods Part BT12: Determination of the in-situ permeability of a bituminous surfacing (Marvel test)</i>	Amended to update referenced standard(s).	2022-09-06
SANS 1186-1 Ed 3.8	<i>Symbolic safety signs Part 1: Standard signs and general requirements.</i>	Amended to delete reference to Note to purchase annex.	2022-08-31
SANS 385 Ed 4.2	<i>Fabric linings for footwear.</i>	Amended to delete the annex on notes to purchasers.	2022-09-07
SANS 770 Ed 2.3	<i>Footwear laces.</i>	Amended to delete the annex on notes to purchasers.	2022-09-07
SANS 179 Ed 2.2	<i>Mutton cloth.</i>	Amended to delete notes to purchasers.	2022-09-07
SANS 688 Ed 1.1	<i>Warp-knitted fabric for mosquito netting.</i>	Amended to delete notes to purchasers.	2022-09-07

SCHEDULE A.2: WITHDRAWAL OF THE SOUTH AFRICAN NATIONAL STANDARDS

In terms of section 24(1)(C) of the Standards Act, the following published standards are issued for comments with regard to the intention by the South African Bureau of Standards to withdraw them.

Draft Standard No. and Edition	Title	Reason for withdrawal	Closing Date

SCHEDULE A.3: WITHDRAWAL OF INFORMATIVE AND NORMATIVE DOCUMENTS

In terms of section 24(5) of the Standards Act, the following documents are being considered for withdrawal.

Draft Standard No. and Edition	Title	Reason for withdrawal	Closing Date

SECTION B: ISSUING OF THE SOUTH AFRICAN NATIONAL STANDARDS

SCHEDULE B.1: NEW STANDARDS

The following standards have been issued in terms of section 24(1)(a) of the Standards Act.

Standard No. and year	Title, scope and purport
SANS 60287-3-1:2022 Ed 2	<i>Electric cables — Calculation of the current rating - Part 3-1: Operating conditions - Site reference conditions.</i> Applies to the conditions of steady-state operation of cables at all voltages, buried directly in the ground, in ducts, troughs or in steel pipes, both with and without partial drying-out of the soil, as well as cables in air.

SCHEDULE B.2: AMENDED STANDARDS

The following standards have been amended in terms of section 24(1)(a) of the Standards Act.

Standard No. and year	Title, scope and purport
SANS 1706:2022 Ed 1.1	<i>Analysis of copper-chromium-arsenic (CCA) treated wood by X-ray fluorescence spectroscopy. Consolidated edition incorporating amendment No.1.</i> Amended to update referenced standards, the clause on sampling, the footnote on dry wood samples, the clause on calculations, the footnote on total wood volume, the footnote on oven-dry wood density, the annex on preparation and treatment of standard wood samples and treating solutions, calculations and calibration of XRFs, and the annex on elemental ratios of CCA.

SCHEDULE B.3: WITHDRAWN STANDARDS

In terms of section 24(1)(C) of the Standards Act, the following standards have been withdrawn.

Standard No. and year	Title
CKS 67:1987 Ed 2	<i>Paper bags.</i>
CKS 554:1980 Ed 1	<i>Processed core-spun ducks.</i>

SCHEDULE B4: ESTABLISHMENT OF TECHNICAL COMMITTEES

Committee No.	Title	Scope

If your organization is interested in participating in these committees, please send an e-mail to Dsscomments@sabs.co.za for more information.

SCHEDULE 5: ADDRESS OF THE SOUTH AFRICAN BUREAU OF STANDARDS HEAD OFFICE

Copies of the standards mentioned in this notice can be obtained from the Head Office of the South African Bureau of Standards at 1 Dr Lategan Road, Groenkloof, Private Bag X191, Pretoria 0001.