

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 2779 OF 2024

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 60317-12:20XX Ed 3	<i>Specifications for particular types of winding wires Part 12: Polyvinyl acetal enamelled round copper wire, class 120.</i> This part of IEC 60317 specifies the requirements of enamelled round copper winding wires of class 120 with a sole coating based on polyvinyl acetal or polyvinyl formal resin, which can be modified provided it retains the chemical identity of the original resin and meets all specified wire requirements	2024-11-29
SANS 6122:20XX Ed 4	<i>Structural timber — Characteristic values of strength-graded timber — Sampling, full-size testing and evaluation.</i> This standard provides requirements for sampling, testing and assessing the characteristic values, or verification, of structural properties for specific grades and sizes of sawn timber, including finger-jointed timber, laminated timber or any other timber product used for structural purposes other than those listed in 1.2	2024-11-29
SANS 20156:20XX Ed 1	<i>Uniform provisions concerning the approval of vehicles with regards to software update and software updates management system.</i> This Regulation applies to vehicles of Categories 1 M, N, O, R, S and T that permit software updates	2024-11-29
SANS 11812:20XX Ed 2	<i>Small craft — Watertight or quick-draining recesses and cockpits.</i> This document specifies watertightness, draining time and sill heights requirements for watertight and quick-draining recesses and cockpits in small craft of up to 24 m load line length (see Reference [1]).	2024-11-29
SANS 15118-9:20XX Ed 1	<i>Road vehicles — Vehicle to grid communication interface Part 9: Physical and data link layer conformance test for wireless communication.</i> This document specifies conformance tests in the form of an abstract test suite (ATS) for a system under test (SUT) implementing an electric-vehicle or supply-equipment communication controller (EVCC or SECC) with support for WLAN-based high-level communication (HLC) according to ISO 15118-8 and against the background of ISO 15118-1. 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 15118-8 and against what the implementer states the SUT implementation's capabilities are.	2024-11-29
SANS 61980-2:20XX Ed 1	<i>Electric vehicle wireless power transfer (WPT) systems Part 2: Specific requirements for MF-WPT system communication and activities.</i> This part of IEC 61980 addresses communication and activities of magnetic field wireless power transfer (MF-WPT) systems	2024-11-29
SANS 61980-3:20XX Ed 1	<i>Electric vehicle wireless power transfer (WPT) systems Part 3: Specific requirements for magnetic field wireless power transfer systems.</i> This part of IEC 61980 applies to the off-board supply equipment for wireless power transfer via magnetic field (MF-WPT) to electric road vehicles for purposes of supplying electric energy to the RESS (rechargeable energy storage system) and/or other on-board electrical systems. The MF-WPT system operates at standard supply voltage ratings per IEC 60038 up to 1 000 V AC and up to 1 500 V DC from the supply network. The power transfer takes place while the electric vehicle (EV) is stationary	2024-11-29
SATS 62840-1:20XX Ed 1	<i>Electric vehicle battery swap system Part 1: General and guidance.</i> This part of IEC 62840, which is a Technical Specification, gives the general overview for	2024-11-29

	battery swap systems, for the purposes of swapping batteries of electric road vehicles (EVs) when the vehicle powertrain is turned off and when the battery swap system is connected to the supply network at standard supply voltages according to IEC 60038 with a rated voltage up to 1 000 V AC and up to 1 500 V DC	
SANS 62840-2:20XX Ed 1	<i>Electric vehicle battery swap system Part 2: Safety requirements.</i> This part of IEC 62840 provides the safety requirements for a battery swap system, for the purposes of swapping swappable battery system (SBS) of electric vehicles. The battery swap system is intended to be connected to the supply network. The power supply is up to 1 000 V AC or up to 1 500 V d.c, in accordance with IEC 60038	2024-11-29
SANS 62840-3:20XX Ed 1	<i>Electric vehicle battery swap system Part 3: Particular safety and interoperability requirements for battery swap systems operating with removable RESS/battery systems.</i> This document applies to battery swap systems for removable RESS of electric road vehicle when connected to the supply network, with a rated supply voltage up to 480 V AC or up to 400 V DC, for battery systems with a rated voltage up to 120 V DC	2024-11-29
SANS 63119-2:20XX Ed 1	<i>Information exchange for electric vehicle charging roaming service Part 2: Use cases.</i> This part of IEC 63119 specifies roaming use cases of information exchange between EV charging service providers (CSP), charging station operators (CSOs) and clearing house platforms through roaming endpoints. The elementary use cases defined in this document are designed to support the user to have access to the EV supply equipment which does not belong to the home-CSP	2024-11-29
SANS 63110-1:20XX Ed 1	<i>Protocol for management of electric vehicles charging and discharging infrastructures Part 1: Basic definitions, use cases and architectures.</i> This part of IEC 63110, as a basis for the other parts of IEC 63110, covers the definitions, use cases and architecture for the management of electric vehicle charging and discharging infrastructures	2024-11-29
SANS 60255-26:20XX Ed 1	<i>Measuring relays and protection equipment Part 26: Electromagnetic compatibility Requirements.</i> This part of IEC 60255 specifies the requirements for electromagnetic compatibility for measuring relays and protection equipment. It is applicable to measuring relays and protection equipment and combinations of devices to form schemes for power system protection including the control, monitoring, communication and process interface equipment used with those systems.	2024-11-29
SANS 60255-27:20XX Ed 1	<i>Measuring relays and protection equipment Part 27: Product safety requirements.</i> This part of IEC 60255 specifies the product safety requirements for measuring relays and protection equipment having a rated AC voltage up to 1 000 V, or a rated DC voltage up to 1 500 V. Above these limits, IEC 60664-1 is applicable for the determination of clearance, creepage distance and withstand test voltage	2024-11-29
SANS 60255-1:20XX Ed 1	<i>Measuring relays and protection equipment Part 1: Common requirements.</i> This part of IEC 60255 specifies common rules and requirements applicable to measuring relays and protection equipment, including any combination of equipment to form a distributed protection scheme for power system protection such as control, monitoring and process interface equipment, to obtain uniformity of requirements and tests. This document covers the main technologies in use today; other emerging technologies present specific EMC and safety issues but the philosophy in this document will be applied	2024-11-29

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 1165:20XX Ed 1.2	<i>Modified poly(vinyl chloride) (PVC-M) pressure pipes and couplings for compressed air services in underground mining</i>	Amended to update referenced standards and to delete the annex on notes to purchasers.	2024-11-29

SANS 664-1:20XX Ed 1.2	<i>Wedge gate and resilient seal valves for Waterworks Part 1: General</i>	Amended to delete the annex on notes to purchasers	2024-11-29
SANS 664-1:20XX Ed 1.2	<i>Wedge gate and resilient seal valves for Waterworks Part 1: General</i>	Amended to delete the annex on notes to purchasers	2024-11-29
SANS 10400-M:20XX Ed 3.2	<i>The application of the National Building Regulations Part M: Stairways</i>	Amended to update the clause on requirements	2024-11-29
SANS 3001-AG13:20XX Ed 1.1	<i>Civil engineering test methods Part AG13: Determination of the soundness of mudrock aggregates</i>	Amended to update the introduction, referenced standards, and the clause on procedure for determining water classification and quality requirements.	2024-11-29
SANS 746:20XX Ed 2.2	<i>Cast-iron pipes and pipe fittings for use above ground in drainage installations</i>	Amended to delete the appendix on notes to purchasers	2024-11-29
SANS 1476:20XX Ed 1.4	<i>Fabricated flanged steel pipework</i>	Amended to delete the appendix on notes to purchasers	2024-11-29
SANS 1067-1:20XX Ed 2.2	<i>Copper-based fittings for copper tubes Part 1: Compression fittings</i>	Amended to delete the annex on notes to purchasers	2024-11-29
SANS 815-1:20XX Ed 1.4	<i>Shoulder-ended and groove-ended piping systems Part 1: Shoulder-ended steel pipes, fittings and couplings</i>	Amended to delete the annex on notes to purchasers.	2024-11-29

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 80601-2-74:2024 Ed 1	<i>Medical electrical equipment Part 2-74: Particular requirements for basic safety and essential performance of respiratory humidifying equipment.</i> Clause 1 of IEC 60601-1:2005+AMD1:2012+AMD2:2020 applies, except as follows. NOTE The general standard is IEC 60601-1:2005+AMD1:2012+AMD2:2020
SANS 81001-1:2024 Ed 1	<i>Health software and health IT systems safety, effectiveness and security Part 1: Principles and concepts.</i> This document provides the principles, concepts, terms and definitions for health software and health IT systems, key properties of safety, effectiveness and security, across the full life cycle, from concept to decommissioning, as represented in Figure 1. It also identifies the transition points in the life cycle where transfers of responsibility occur, and the types of multi-lateral communication that are necessary at these transition points. This document also establishes a coherent concepts and terminology for other standards that address specific aspects of the safety, effectiveness, and security (including privacy) of health software and health IT systems
SANS 2066:2024 Ed 1	<i>Home compostability of materials.</i> This standard specifies the procedures and requirements for materials, including products (finished products for single use) that are deemed suitable for home composting. The materials and products considered as suitable for home composting as a complete product are inclusive of all the individual components which meet the requirements of this standard

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 1654:2024 Ed 2.3	<i>DC-powered (battery-operated) machines for use in hazardous locations in mines.</i> This standard specifies requirements for d.c.-powered (battery-operated) machines for use in hazardous locations in mines
SANS 258:2024 Ed 2.5	<i>Wax stoep polish.</i> This standard covers wax polish suitable for use on surfaces of cement, and available in three colours.
SANS 1884-3:2024 Ed 1.1	<i>Holding pens for temporary housing of animals Part 3: Vehicles for the transportation of wild carnivores by road to holding pens and other facilities.</i> This standard specifies the requirements for vehicles used for road transportation of wild carnivores

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
SANS 5851:2002	<i>Liquid limit of fines in aggregates for base-courses</i>
SANS 10260-2:2004	<i>Industrial gas pipelines Part 2: Distribution of hydrogen at consumer sites</i>
SANS 10260-4:2004	<i>Industrial gas pipelines Part 4: Distribution of carbon dioxide at consumer sites</i>

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.