

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 2249 OF 2023

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 1163 Ed 2	<i>Detergent for domestic dishwashing machines.</i> Covers a detergent in tablets, capsules(pods), liquids, powders, or granular form, or in combination for use in domestic dishwashing machines	2023-12-24
SANS 18033-4 Ed 2	<i>Information technology - Security techniques - Encryption algorithms Part 4: Stream ciphers.</i> Specifies output functions to combine a keystream with plaintext, keystream generators for producing keystream, and object identifiers assigned to dedicated keystream generators.	2023-12-24z
SANS 24495-1 Ed 1	<i>Plain language - Part 1: Governing principles and guidelines.</i> Document establishes governing principles and guidelines for developing plain language documents	2023-12-24
SANS 62264-5 Ed 2	<i>Enterprise-control system integration - Part 5: Business to manufacturing transactions.</i> This part of IEC 62264 defines transactions in terms of information exchanges between applications performing business and manufacturing activities associated with Levels 3 and 4. The exchanges are intended to enable information collection, retrieval, transfer and storage in support of enterprise-control system integration. This part of IEC 62264 is consistent with the IEC 62264-2 and IEC 62264-4 object models attributes. This standard also defines transactions that specify how to exchange the objects defined in IEC 62264-2, IEC 62264-4 and this standard. Other uses of the transaction model are not defined in this part.	2023-12-24
SANS 45002 Ed 1	<i>Occupational health and safety management systems - General guidelines for the implementation of ISO 45001:2018.</i> Gives guidance on the establishment, implementation, maintenance and continual improvement of an occupational health and safety (OH&S) management system that can help organizations conform to ISO 45001:2018 (published in South Africa as an identical adoption under the designation SANS 45001).	2024-01-10
SANS 62115 Ed 1	<i>Electric toys – Safety.</i> This International Standard specifies safety requirements for electric toys that have at least one function dependant on electricity, electric toys being any product designed or intended, whether or not exclusively, for use in play by children under 14 years of age.	2024-01-10
SANS 41018 Ed 1	<i>Facility management - Development of a facility management policy.</i> Gives guidance on the development of a facility management (FM) policy when the organization intends to establish a framework for setting FM objectives and the effective management of risk intends to achieve alignment between the FM strategy and operational FM requirements wants to improve the usefulness and benefits provided by the FM system aims to meet the needs of interested parties and applicable FM requirements consistently aims to be sustainable.	2024-01-10
SANS 1973-1 Ed 2	<i>Low-voltage switchgear and controlgear assemblies - Part 1: Power switchgear and controlgear assemblies with a rated short time withstand current exceeding 10kA.</i> Sets out national variations and additional requirements to SANS 61439-1 and SANS 61439-2 that are required in South Africa.	2024-01-10
SANS 80601-2-13 Ed 1	<i>Medical electrical equipment - Part 2-13: Particular requirements for basic safety and essential performance of an anaesthetic workstation.</i>	2024-01-10
SANS 61439-5 Ed 2	<i>Low-voltage switchgear and controlgear assemblies - Part 5: Assemblies for power distribution in public networks.</i> Defines the specific requirements for public electricity network distribution assemblies (PENDAs), states the definitions, specifies the service conditions, construction requirements, technical characteristics and tests for PENDAs.	2024-01-10

SANS 62552-3 Ed 1	<i>Household refrigerating appliances - Characteristics and test methods - Part 3: Energy consumption and volume.</i> Specifies the essential characteristics of household and similar refrigerating appliances cooled by internal natural convection or forced air circulation, and establishes test methods for checking these characteristics.	2024-01-10
SANS 60335-2-8 Ed 4	<i>Household and similar electrical appliances - Safety Part 2-8: Particular requirements for shavers, hair clippers and similar appliances.</i> This clause of Part 1 is replaced by the following. This part of IEC 60335 deals with the safety of electric food waste disposers for household and similar purposes, their rated voltage being not more than 250 V including direct current (DC) supplied appliances and battery-operated appliances. Appliances not intended for normal household use but that nevertheless possibly pose a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard.	2024-01-15
SANS 61869-1 Ed 2	<i>Instrument transformers Part 1: General requirements.</i> Applies to newly manufactured instrument transformers with analogue or digital output for use with electrical measuring instruments or electrical protective devices with rated frequencies from 15 Hz to 100 Hz.	2024-01-15
SANS 62561-1 Ed 1	<i>Lightning protection system components (LPSC) Part 1: Requirements for connection components.</i> Specifies the requirements and tests for metallic connection components that form part of a lightning protection system (LPS).	2024-01-15
SANS 41015 Ed 1	<i>Facility management - Influencing organizational behaviours for improved facility outcomes.</i> Gives guidance on the ways in which a facility management (FM) organization can influence organizational behaviours to achieve improved facility outcomes, including how it can engage, empower and influence users, service providers and other interested parties with one another for improved outcomes and user experience while interfacing with the built environment.	2024-01-15
SANS 60335-2-16 Ed 4	<i>Household and similar electrical appliances - Safety Part 2-16: Particular requirements for food waste disposers.</i> Deals with the safety of electric food waste disposers for household and similar purposes, their rated voltage being not more than 250 V. Deals with the common hazards presented by appliances that are encountered by all persons in and around the home.	2024-01-15
SANS 24511 Ed 1	<i>Activities relating to drinking water and wastewater services - Guidelines for the management of wastewater utilities and for the assessment of wastewater services.</i> Provides guidelines for the management of wastewater utilities and for the assessment of wastewater services.	2024-01-16
SANS 929 Ed 3	<i>Plywood.</i> Covers requirements for materials, construction, preservative treatment, dimensions and performance of plywood and composite board including decorative aminoplast-face board ("low-pressure laminates").	2024-01-18
SANS 60601-2-41 Ed 1	<i>Medical electrical equipment - Part 2-41: Particular requirements for the basic safety and essential performance of surgical luminaires and luminaires for diagnosis.</i> Applies to the basic safety and essential performance of surgical luminaires and luminaires for diagnosis, hereafter referred to as ME equipment.	2024-01-18
SANS 60350-1 Ed 2	<i>Household electric cooking appliances - Part 1: Ranges, ovens, steam ovens and grills - Methods for measuring performance.</i> Specifies methods for measuring the performance of electric cooking ranges, ovens, steam ovens, and grills for household use.	2024-01-18
SANS 60755 Ed 1	<i>General safety requirements for residual current operated protective devices.</i> Provides general minimum requirements, recommendations and information for the drafting of standards on residual current operated protective devices (hereinafter referred to as residual current devices, "RCDs"). It applies to any device providing residual current protection intended primarily for protection against electric shock hazard.	2024-01-18
SANS 60335-2-114 Ed 2	<i>Household and similar electrical appliances - Safety - Part 2-114: Particular requirements for Personal-e-Transporters.</i> This clause of Part 1 is replaced by the following. This part of IEC 60335 deals with the electrical safety of Personal e-Transporters used in the private or public areas. The device can have one or more wheels, self-balancing provisions, provisions for the transport of cargo and can be for private, commercial, shared use or for hire.	2024-01-18
SANS 80001-1 Ed 1	<i>Application of risk management for IT-networks incorporating medical devices - Part 1: Safety, effectiveness and security in the implementation and use of connected medical devices or connected health software.</i>	2024-01-18
SANS 61215-1 Ed 1	<i>Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1: Test requirements.</i> Outlines requirements for the design qualification of terrestrial photovoltaic modules suitable for long-term operation in open-air climates.	2024-01-16

SANS 60534-1 Ed 1	<i>Industrial-process control valves - Part 1: Control valve terminology and general considerations.</i> This part of IEC 60534 applies to all types of industrial-process control valves (hereinafter referred to as control valves). This part establishes a partial basic terminology list and provides guidance on the use of all other parts of IEC 60534.	2024-01-23
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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 949 Ed 3.1	<i>Strongroom doors or Vault doors</i>	Amended to delete reference to fire resistance, to update the table on tools for testing resistance to attack, and to delete the annex on notes to purchasers.	2023-12-24
SANS 1411-7 Ed 2.3	<i>Materials of insulated electric cables and flexible cords Part 7: Polyethylene (PE)</i>	Amended to update referenced standards, to delete definition of acceptable and to include sheath shrinkage requirements.	2024-01-04
SANS 1553-1 Ed 1.3	<i>PVC-U window and door frames for external use Part 1: PVC-U profiles for window and door frames.</i>	Amended to add and update the introduction and to delete the annex on notes to purchasers.	2024-01-16
SANS 868-1-3 Ed 1.2	<i>Compression-ignition engine systems and machines powered by such engine systems, for use in mines and plants with explosive gas atmospheres or explosive dust atmospheres or both Part 1-3: Hazardous locations in underground mines – Machines.</i>	Amended to move reference to marking from the foreword to the clause on marking and to delete the relevant note on marking, to add a new note on marking information, to remove reference to the regulator from the foreword, to update referenced standards, to delete reference to legislation, the annex on guidelines on certification requirements for an explosion protected machine, and the annex on testing and certification procedure	2024-01-16
SANS 10201 Ed 1.1	<i>Medium voltage earthing devices incorporating NECRTs, NECRs, and NERs.</i>	Amended to update referenced standards.	2024-01-18
SANS 1553-1 Ed 1.3	<i>PVC-U window and door frames for external use Part 1: PVC-U profiles for window and door frames.</i>	Amended to add and update the introduction and to delete the annex on notes to purchasers.	2024-01-18
SANS 10106 Ed 4.1	<i>The installation, maintenance, repair and replacement of domestic solar water heating systems.</i>	Amended to delete a tradename, and the reference to the certificate of compliance.	2024-01-23
SANS 13 Ed 2.4	<i>Wax polish, solvent-based, for floors and furniture.</i>	Amended to delete notes to purchasers.	2024-01-21
SANS 15 Ed 2.4	<i>Wax emulsion polish for floors and furniture.</i>	Amended to delete the annex on notes to purchasers.	2024-01-21
SANS 3001-PR5 Ed 1.2	<i>Civil engineering test methods Part PR5: Computation of soil-mortar percentages, coarse sand ratio, grading modulus and fineness modulus</i>	Amended to update introduction and calculations.	2024-01-23

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**

Standard No. and year	Title, scope and purport
SANS 60317-15:2023 Ed 1	<i>Specifications for particular types of winding wires -Part 15: Polyesterimide enamelled round aluminium wire, class 180.</i> Specifies the requirements of enamelled round aluminium winding wire of class 180 with a sole coating based on polyesterimide resin, which may be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements.
SANS 60143-4:2023 Ed 1	<i>Series capacitors for power systems - Part 4: Thyristor controlled series capacitors.</i> Specifies testing of thyristor controlled series capacitor (TCSC) installation used in series with transmission lines.
SANS 62146-2:2023 Ed 2	<i>Capacitors for high-voltage alternating current circuit-breakers - Part 2: TRV capacitors.</i> Applicable to TRV capacitors used on high-voltage alternating current circuit-breakers with rated voltages above 100 kV with 50 Hz or 60 Hz.
SANS 62282-7-2:2023 Ed 2	<i>Fuel cell technologies - Part 7-2: Test methods - Single cell and stack performance tests for solid oxide fuel cells (SOFC).</i> Applies to SOFC cell/stack assembly units, testing systems, instruments and measuring methods, and specifies test methods to test the performance of SOFC cells and stacks.
SANS 16775:2023 Ed 1	<i>Packaging for terminally sterilized medical devices - Guidance on the application of ISO 11607-1 and ISO 11607-2.</i> Provides guidance for the application of the requirements contained in ISO 11607-1 and ISO 11607-2. It does not add to, or otherwise change, the requirements of ISO 11607-1 and ISO 11607-2. This is an informative document, not normative. It does not include requirements to be used as basis of regulatory inspection or certification assessment activities.
SANS 22441:2023 Ed 1	<i>Sterilization of health care products - Low temperature vaporized hydrogen peroxide - Requirements for the development, validation and routine control of a sterilization process for medical devices.</i> Provides requirements for the development, validation and routine monitoring and control of a low temperature sterilization process for medical devices using vaporized hydrogen peroxide (VH ₂ O ₂) as the sterilizing agent.
SANS 535-2:2023 Ed 1	<i>Telematics Monitoring and Tracking Part 2 Requirements for operations centres and recovery services.</i> Establishes requirements for operations centres and for recovery crews that are used by providers of an asset tracking and recovery service.

Standard No. and year	Title, scope and purport
SANS 11690-1:2023 Ed 2	<i>Acoustics - Recommended practice for the design of low-noise workplaces containing machinery Part 1: Noise control strategies.</i> Outlines strategies to be used in dealing with noise problems in existing and planned workplaces by describing basic concepts in noise control (noise reduction, noise emission, noise immission and noise exposure).
SANS 62271-110:2023 Ed 5	<i>High-voltage switchgear and controlgear - Part 110: Inductive load switching.</i> Applies to AC switching devices designed for indoor or outdoor installation, for operation at frequencies of 50 Hz and 60 Hz on systems having voltages above 1 000 V and applied for inductive current switching.
SANS 1743:2023 Ed 2	<i>Reaction to fire tests for products - Determination of the gross heat of combustion (calorific value).</i> Specifies a method for the determination of the gross heat of combustion (QPCS) of products at constant volume in a bomb calorimeter. Intended to be applied to solid products.
SANS 10373-6:2023 Ed 3	<i>Cards and security devices for personal identification - Test methods - Part 6: Contactless proximity objects.</i> Defines test methods for characteristics of identification cards according to the definition given in ISO/IEC 7810 (published in South Africa as an identical adoption under the designation SANS 7810).

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 1005:2023 Ed 2.6	<i>Innerspring mattresses. Consolidated edition incorporating amendment No. 6.</i> Amended to delete the appendix on notes to purchasers, and to update referenced standards.
SANS 321:2023 Ed 4.3	<i>The production of men's boots (Goodyear welted, with stitched or stuck-on outer soles). Consolidated edition incorporating amendment No. 3.</i> Amended to update referenced standards, and to delete the annex on notes to purchasers.
SANS 1050-1:2023 Ed 1.1	<i>Laboratory controlled environments Part 1: Microbiological safety cabinets - Class I. Consolidated edition incorporating amendment No. 1.</i> Amended to modify requirements on performance.
SANS 1717-1:2023 Ed 1.1	<i>The design of detonator initiation systems for use in mining and civil blasting applications Part 1: Electronic initiation systems. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 5197:2023 Ed 3.1	<i>Determination of turbidity in water matrix using Nephelometric method. Consolidated edition incorporating amendment No. 1.</i> Amended to update the title and the clauses on interference, storage of samples, reagents, and on procedure.
SANS 5210:2023 Ed 2.4	<i>Determination of Nitrate and Nitrite in water samples. Consolidated edition incorporating amendment No. 4.</i> Amended to change the title of the standard, and to update technical content on the clauses on reagents and procedure.
SANS 5213:2023 Ed 2.4	<i>Determination of total dissolved solids (TDS) in water using gravimetric method. Consolidated edition incorporating amendment No. 4.</i> Amended to change the title of the standard, to update the clauses on principle and on procedure, and the cross references accordingly.
SANS 5217:2023 Ed 3.4	<i>Determination of free and saline ammonia content in water distillation-acidimetric titration. Consolidated edition incorporating amendment No. 4.</i> Amended to change the title of the standard and to update the clauses on principles and on reagents.
SANS 5218:2023 Ed 2.1	<i>Determination of albuminoidal ammonia content in water using Nessler method. Consolidated edition incorporating amendment No. 1.</i> Amended to change the title of the title of the standard, to update the clauses on principle and reagents.

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 238:1980 Ed 2	<i>Weighing scales for patients (doctor's type.)</i>
CKS 241:1985 Ed 2	<i>Mayo's tables.</i>
CKS 373:1973 Ed 1	<i>Recovery beds (x-ray type).</i>

SCHEDULE B4: ESTABLISHMENT OF TECHNICAL COMMITTEES

In terms of the South African Norm for the development of South African National Standards, the following technical committee has been established:

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 B5: RETRACTION OF PREVIOUSLY GAZETTED ITEMS

Notice is hereby given that the following standards gazetted for public enquiry have been retracted.

Standard No.	Title	Scope	Date gazetted

SCHEDULE B6: GENERAL

Notice is hereby given that the following standards/draft standard have been renumbered.

Standard/draft No.	Title	Scope	New number/designation

SCHEDULE B7: 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.