

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 2258 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 60086-5 Ed 5	<i>Primary batteries – Part 5: Safety of batteries with aqueous electrolyte.</i> Specifies tests and requirements for primary batteries with aqueous electrolyte to ensure their safe operation under intended use and reasonably foreseeable misuse.	2024-01-26
SANS 60335-2-82 Ed 3	<i>Household and similar electrical appliances – Safety – Part 2-82: Particular requirements for amusement machines and personal service machines.</i> Deals with the safety of electric commercial amusement machines and personal service machines, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.	2024-01-26
SANS 24510 Ed 1	<i>Activities relating to drinking water and wastewater services – Guidelines for the assessment and improvement of service to the users.</i> Deals with activities relating to drinking water and wastewater services and guidelines for the assessment and for the improvement of the service to users.	2024-01-30
SANS 24512 Ed 1	<i>Activities relating to drinking water and wastewater services – Guidelines for the management of drinking water utilities and for the assessment of drinking water services.</i> Deals with activities relating to drinking water and wastewater services and guidelines for the management of drinking water utilities and for the assessment of drinking water services.	2024-01-30
SANS 12944-3 Ed 2	<i>Paints and varnishes – Corrosion protection of steel structures by protective paint systems – Part 3: Design considerations.</i> Deals with the basic criteria for the design of steel structures to be coated by protective paint systems in order to avoid premature corrosion and degradation of the coating or the structure.	2024-02-05
SANS 10234 Ed 3	<i>Globally Harmonized System of classification and labelling of chemicals (GHS).</i> Specifies the harmonized criteria for the classification of hazardous substances and mixtures, including waste, for their safe use in the workplace or in the home according to their physical, health and environmental hazardous such as flammability and toxicity.	2024-02-05

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 664-2 Ed 1.2	<i>Wedge gate and resilient seal valves for waterworks – Part 2: Wedge gate valves.</i>	Amended to delete the annex on notes to purchasers.	2024-01-30
SANS 665-1 Ed 1.3	<i>Wedge gate and resilient seal valves for general purposes – Part 1: General.</i>	Amended to delete the annex on notes to purchasers.	2024-01-30
SANS 1896 Ed 1.2	<i>Candles, illuminating.</i>	Amended to delete the annex on notes to purchasers.	2024-02-05

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 60076-25:2023 Ed 1	<i>Power transformers – Part 25: Neutral grounding resistors.</i> Applies to dry type natural air-cooled resistors, for neutral grounding of transformers and generators, in order to limit the earth fault current in power systems by means of metallic resistive elements.
SANS 60601-1-9:2023 Ed 1	<i>Medical electrical equipment – Part 1-9: General requirements for basic safety and essential performance – Collateral Standard: Requirements for environmentally conscious design.</i> Applies to the reduction of adverse ENVIRONMENTAL IMPACTS of MEDICAL ELECTRICAL EQUIPMENT, hereafter referred to as ME EQUIPMENT.
SANS 61537:2023 Ed 1	<i>Cable management – Cable tray systems and cable ladder systems.</i> Specifies requirements and tests for cable tray systems and cable ladder systems intended for the support and accommodation of cables and possibly other electrical equipment in electrical and/or communication systems installations.
SANS 62053-41:2023 Ed 1	<i>Electricity metering equipment – Particular requirements – Part 41: Static meters for DC energy (classes 0,5 and 1).</i> Applies only to static watt-hour meters of accuracy classes 0,5 and 1 for the measurement of DC electrical energy in DC systems, and it applies to their type tests only.
SANS 63086-1:2023 Ed 1	<i>Household and similar electrical air cleaning appliances – Methods for measuring the performance – Part 1: General requirements.</i> Applies to electrically powered household and similar air cleaners intended for use on rated single-phase AC input voltage circuits not exceeding 250 V and DC input voltage circuits not exceeding 48 V.
SATS 62196-4:2023 Ed 1	<i>Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 4: Dimensional compatibility and interchangeability requirements for DC pin and contact-tube accessories for Class II or Class III applications.</i> Applies to plugs, socket-outlets, vehicle connectors and vehicle inlets, herein referred to as accessories, of standardized configuration for DC power supply of electric road vehicles, where the protection against electric shocks relies on double or reinforced insulation between all AC and DC inputs and outputs of the EV supply equipment, intended for use in conductive power supply systems which can incorporate control means, with a maximum operating voltage up to 120 V DC, not exceeding 60 A.
SANS 19161-1:2023 Ed 1	<i>Geographic information – Geodetic references – Part 1: International terrestrial reference system (ITRS).</i> Provides the basic information and the requirements related to the International Terrestrial reference system (ITRS) and how to access and use these realizations.

Standard No. and year	Title, scope and purport
SANS 62614-1:2023 Ed 1	<i>Fibre optics – Multimode launch conditions – Part 1: Launch condition requirements for measuring multimode attenuation.</i> Describes the launch condition requirements used for measuring multimode attenuation in passive components and in installed cable plants.
SATR 61000-4-1:2023 Ed 1	<i>Electromagnetic compatibility (EMC) – Part 4-1: Testing and measurement techniques – Overview of IEC 61000-4 series.</i> Gives information and guidance on the EMC basic standards and other basic EMC documents published in the IEC 61000-4 series.
SANS 60335-2-49:2023 Ed 5	<i>Household and similar electrical appliances – Safety – Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm.</i> Deals with the safety of electrically operated commercial appliances for keeping food and crockery warm, their rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral, and 480 V for other appliances.
SANS 60335-2-90:2023 Ed 4	<i>Household and similar electrical appliances – Safety – Part 2-90: Particular requirements for commercial microwave ovens.</i> Deals with the safety of microwave ovens with a cavity door intended for commercial use, their rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral and 480 V for other appliances.
SANS 60793-2:2023 Ed 5	<i>Optical fibres – Part 2: Product specifications – General.</i> Contains the general specifications for both multimode and single mode optical fibres.
SANS 61535:2023 Ed 2	<i>Installation couplers intended for permanent connection in fixed installations.</i> Applies to two up to five wire installation couplers including earth, if provided, with a rated voltage up to and including 500 V a.c. and a rated connecting capacity up to and including 10 mm ² for permanent connection in indoor electrical installations.
SANS 62196-2:2023 Ed 3	<i>Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 2: Dimensional compatibility requirements for AC pin and contact-tube accessories.</i> Applies to plugs, socket-outlets, vehicle connectors and vehicle inlets with pins and contact-tubes of standardized configurations, herein referred to as accessories.
SANS 62196-3:2023 Ed 2	<i>Plugs, socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 3: Dimensional compatibility requirements for DC and AC/DC pin and contact-tube vehicle couplers.</i> Applies to vehicle couplers with pins and contact-tubes of standardized configuration intended for use in electric vehicle conductive charging systems which incorporate control means, with rated operating voltage up to 1 500 V d.c and rated current up to 250 A, and 1 000 V a.c and rated current up to 250 A.
SANS 62275:2023 Ed 3	<i>Cable management systems – Cable ties for electrical installations.</i> Specifies requirements for metallic, non-metallic and composite cable ties and their associated fixing devices used for the management and support of wiring systems in electrical installations.
SANS 11925-2:2023 Ed 2	<i>Reaction to fire tests – Ignitability of products subjected to direct impingement of flame – Part 2: Single-flame source test.</i> Specifies a method of test for determining the ignitability of products by direct small flame impingement under zero impressed irradiance using vertically oriented test specimens.
SANS 11820:2023 Ed 3	<i>Reaction to fire tests for product – Non-combustibility test.</i> Specifies a test method for determining the non-combustibility performance, under specified conditions, of homogeneous products and substantial components of non-homogeneous products.
SANS 21307:2023 Ed 2	<i>Plastics pipes and fittings – Butt fusion jointing procedures for polyethylene (PE) piping systems.</i> Establishes general principles regarding the procedure used in the construction and quality assessment of butt fusion jointing of polyethylene (PE) piping system components specified in accordance with relevant ISO standards.
SANS 10373-1:2023 Ed 3	<i>Cards and security devices for personal identification – Test methods – Part 1: General characteristics.</i> Describes the test methods for characteristics of identification cards according to ISO/IEC 7810 (published in South Africa as an identical adoption under the designation SANS 7810) and other standards.

Standard No. and year	Title, scope and purport
SANS 60794-1-2:2023 Ed 4	<i>Optical fibre cables – Part 1-2: Generic specification – Basic optical cable test procedures – General guidance.</i> Applies to optical fibre cables for use with telecommunications equipment and devices employing similar techniques, and to cables having a combination of both optical fibres and electrical conductors.
SANS 60793-1-31:2023 Ed 3	<i>Optical fibres – Part 1-31: Measurement methods and test procedures – Tensile strength.</i> Provides values of the tensile strength under dynamic loading of optical fibre samples.
SANS 60793-1-32:2023 Ed 3	<i>Optical fibres – Part 1-32: Measurement methods and test procedures – Coating strippability.</i> Intended primarily for testing either fibres as produced by a fibre manufacturer or subsequently overcoated (tight buffered) using various polymers.
SANS 60793-1-34:2023 Ed 3	<i>Optical fibres – Part 1-34: Measurement methods and test procedures – Fibre curl.</i> Provides uniform requirements for the mechanical characteristic: fibre curl or latent curvature in uncoated optical fibres, i.e. a specified length of the fibre has been stripped from coating.
SANS 60793-1-40:2023 Ed 2	<i>Optical fibres – Part 1-40: Attenuation measurement methods.</i> Outlines uniform requirements for measuring the attenuation of optical fibre, thereby assisting in the inspection of fibres and cables for commercial purposes.
SANS 11690-2:2023 Ed 2	<i>Acoustics – Recommended practice for the design of low-noise workplaces containing machinery – Part 2: Noise control measures.</i> Deals with the technical aspects of noise control in workplaces.
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.

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 1124-3:2023 Ed 1.2	<i>Syringes and needles (sterile-packed for single use) – Part 3: Syringes with a re-use prevention feature. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
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.

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 6077:2006 Ed 2	<i>Fire test for valves and other assemblies used in fire-hazardous situations.</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.