

## DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

## NOTICE 2356 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 23081-1 Ed 3	<i>Information and documentation – Records management processes – Metadata for records – Part 1: Principles.</i> Covers the principles that underpin and govern records management metadata.	2024-02-15
SATR 60601-4-3 Ed 2	<i>Medical electrical equipment – Part 4-3: Guidance and interpretation – Considerations of unaddressed safety aspects in the third edition of IEC 60601-1 and proposals for new requirements.</i> Contains a series of recommendations developed by an expert working group of IEC subcommittee 62A in response to questions of interpretation of IEC 60601 1:2005 and related collateral standards in the IEC 60601 series.	2024-02-20
SANS 60335-2-40 Ed 6	<i>Household and similar electrical appliances – Safety – Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers.</i> Deals with the safety of electric heat pumps, sanitary hot water heat pumps and air conditioners, incorporating motor-compressors as well as hydronic fan coils units, dehumidifiers (with or without motor-compressors), thermoelectric heat pumps and partial units.	2024-02-20
SANS 61936-1 Ed 2	<i>Power installations exceeding 1 kV AC and 1,5 kV DC – Part 1: AC.</i> Provides requirements for the design and the erection of electrical power installations in systems with nominal voltages exceeding 1 kV AC and nominal frequency up to and including 60 Hz, so as to provide safety and proper functioning for the use intended.	2024-02-20
SANS 62561-3 Ed 2	<i>Lightning protection system components (LPSC) – Part 3: Requirements for isolating spark gaps (ISGs).</i> Specifies the requirements and tests for isolating spark gaps (ISGs) for lightning protection systems.	2024-02-20
SANS 61540 Ed 2	<i>Portable residual current devices (PRCDs) without integral overcurrent protection for household and similar use.</i> Applies to portable residual current devices (PRCDs) for household and similar uses, consisting of a plug, a residual current device (RCD) and one or more socket-outlets or a provision for connection.	2024-02-20
SATS 1690 Ed 1	<i>Guide for the implementation of responsible tourism.</i> Establishes clear definitions for the 41 criteria of SANS 1162 for ease of implementation of SANS 1162.	2024-02-20
SANS 17694 Ed 2	<i>Footwear – Test methods for uppers and lining – Flex resistance.</i> Specifies a test method for determining the flex resistance of uppers and linings irrespective of the material in order to assess the suitability for the end use.	2024-02-20
SANS 20875 Ed 2	<i>Footwear – Test methods for outsoles – Determination of split tear strength and delamination resistance.</i> Specifies a method for the determination of the split tear strength and delamination resistance for outsoles.	2024-02-20
SANS 51992-1-1 Ed 1	<i>Eurocode 2: The design of concrete structures – Part 1-1: General rules and rules for buildings.</i> Applies to the design of buildings and civil engineering works in plain, reinforced and prestressed concrete.	2024-01-30
SANS 51992-1-1-1 Ed 1	<i>Design of concrete structures – Part 1-1-1: General rules and rules for buildings (NATIONAL ANNEX TO SANS 51992-1-1).</i> Provide the South African decisions for the nationally determined parameters described in SANS 51992-1-1.	2024-01-30
SANS 121 Ed 3	<i>Hot dip galvanized coatings on fabricated iron and steel articles – Specifications and test methods.</i> Specifies the general properties of coatings and test methods for coatings applied by dipping fabricated iron and steel articles (including certain castings) in a zinc melt (containing not more than 2 % of other metals).	2024-02-29

SATS 61851-3-1 Ed 1	<i>Electric vehicle conductive charging system – Part 3-1: DC EV supply equipment where protection relies on double or reinforced insulation – General rules and requirements for stationary equipment.</i> Applies to the equipment, including stationary equipment: for the conductive transfer of electric power between the supply network and an electric road vehicle, or a removable rechargeable energy storage system (RESS), or an on-board RESS of an electric road vehicle; when the equipment is connected to the supply network having a supply voltage up to 480 V; AC or up to 400 V DC and a rated output voltage up to 120 V DC, and where the protection against electric shock relies on double or reinforced insulation, and with double or reinforced insulation between all AC and DC inputs and outputs.	2024-03-15
SANS 61851-1-1 Ed 1	<i>Electric vehicle conductive charging system – Part 1-1: Specific requirements for electric vehicle conductive charging system using type 4 vehicle coupler.</i> Applies to a new type of AC EV supply equipment for charging electric road vehicles, with a rated supply voltage up to 1 000 V AC and a rated output voltage up to 1 000 V AC.	2024-03-15
SATS 61851-3-2 Ed 1	<i>Electric vehicle conductive charging system – Part 3-2: DC EV supply equipment where protection relies on double or reinforced insulation – Particular requirements for portable and mobile equipment.</i> Applies to the portable and mobile DRI EV supply equipment where the protection against electric shocks relies on double or reinforced insulation, and with double or reinforced insulation between all AC and DC inputs and outputs with a rated input voltage being not more than 250 V AC and output voltages not more than 120 V DC.	2024-03-15
SATS 61851-3-4 Ed 1	<i>Electric vehicles conductive charging system – Part 3-4: DC EV supply equipment where protection relies on double or reinforced insulation – General definitions and requirements for CANopen communication.</i> Applies to CANopen communication for the conductive transfer of electric power between the supply network and an electric road vehicle or a removable rechargeable energy storage system (RESS) or on-board rechargeable energy storage systems (RESS) of an electric road vehicle.	2024-03-15
SATS 61851-3-5 Ed 1	<i>Electric vehicles conductive charging system – Part 3-5: DC EV supply equipment where protection relies on double or reinforced insulation – Pre-defined communication parameters and general application objects.</i> Applies to CANopen communication for the conductive transfer of electric power between the supply network and an electric road vehicle or a removable RESS or traction-battery of an electric road vehicle.	2024-03-15
SATS 61851-3-6 Ed 1	<i>Electric vehicles conductive charging system – Part 3-6: DC EV supply equipment where protection relies on double or reinforced insulation – Voltage converter unit communication.</i> Applies to CANopen communication for the conductive transfer of electric power between the supply network and an electric road vehicle or a removable RESS or traction-battery of an electric road vehicle.	2024-03-15
SATS 61851-3-7 Ed 1	<i>Electric vehicles conductive charging system – Part 3-7: DC EV supply equipment where protection relies on double or reinforced insulation – Battery system communication.</i> Applies to CANopen communication for the conductive transfer of electric power between the supply network and an electric road vehicle or a removable RESS or traction-battery of an electric road vehicle.	2024-03-15
SANS 60755-1 Ed 1	<i>General safety requirements for residual current operated protected devices – Part 1: Residual current operated protective devices for DC systems.</i> Gives requirements, recommendations and information for the drafting of standards for residual current operated protective devices, intended to be used in DC systems, hereafter referred to as DC-RCDs.	2024-03-15
SANS 60317-18 Ed 2	<i>Specifications for particular types of winding wires – Part 18: Polyvinyl acetal enamelled rectangular copper wire, class 120.</i> Specifies the requirements of enamelled rectangular 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.	2024-03-15
SANS 4633 Ed 2	<i>Rubber seals – Joint rings for water supply, drainage and sewerage pipelines – Specification for materials.</i> Specifies requirements for materials used in vulcanized rubber seals for cold drinking-water supplies (up to 50 °C), and drainage, sewerage and rainwater systems (continuous flow up to 45 °C and intermittent flow up to 95 °C).	2024-03-26
SANS 277:2004 Ed 1	<i>Respiratory protective devices – Compressed air for breathing apparatus.</i> Covers requirements for quality of compressed air supplied for use with certain respiratory protective devices, and for synthetic air. It does not apply to compressed air for medical purposes or to high pressure diving or high altitude applications.	2024-03-29

SANS 16664 Ed 1	<i>Gas analysis – Handling of calibration gases and gas mixtures – Guidelines.</i> Describes factors that may influence the composition of pure gases and homogeneous gas mixtures used for calibration purposes.	2024-03-26
SANS 31073 Ed 1	<i>Risk management – Vocabulary.</i> Defines generic terms related to the management of risks faced by organizations.	2024-03-26
SANS 2078 Ed 1	<i>The manufacture of tampons.</i> Covers the make, performance, packaging and marking requirements for tampons for internal use.	2024-03-26
SANS 51871 Ed 1	<i>Road marking materials – Paint, thermoplastic and cold plastic materials – Physical properties.</i> Covers testing of physical properties of road marking materials by laboratory methods.	2024-03-26
SANS 18119 Ed 1	<i>Gas cylinders – seamless steel and seamless aluminium-alloy gas cylinders and tubes – periodic inspection and testing.</i> Specifies the requirements for periodic inspection and testing to verify the integrity of cylinders and tubes to be re-introduced into service for a further period of time.	2024-03-24
SANS 12353 Ed 4	<i>Chemical disinfectants and antiseptics – Preservation of test organisms used for the determination of bactericidal (including Legionella), mycobactericidal, sporicidal, fungicidal and virucidal (including bacteriophages) activity.</i> Specifies methods for keeping test organisms used and defined in standard for the determination of bactericidal (incl. Legionella pneumophila), mycobactericidal, sporicidal, fungicidal and virucidal (incl. bacteriophages) activity of chemical disinfectants and antiseptics.	2024-03-24
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.	2024-03-24
SANS 295 Ed 4	<i>Calcium hypochlorite for recreational and industrial water treatment.</i> Covers calcium hypochlorite intended to be used as a treatment of water used for recreational and industrial water treatment.	2024-03-29

### 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 952-2 Ed 1.2	<i>Polymer film for damp-proofing and waterproofing in buildings – Part 2: Laminated (non-woven) products.</i>	Amended to delete the annex on notes to purchasers.	2024-02-13
SANS 1310 Ed 1.3	<i>Refuse bins of polymeric materials.</i>	Amended to delete the appendices on notes to purchasers, and on recommended special conditions of tender.	2024-02-22
SANS 1235 Ed 1.4	<i>Borehole cylinders.</i>	Amended to delete annex on notes to purchasers.	2024-02-13
SANS 933 Ed 2.3	<i>Corrugated board containers for the export of citrus fruit.</i>	Amended to delete the appendix on notes to purchasers.	2024-02-13
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.	2024-02-15
SANS 10281 Ed 1.2	<i>Engine speed (S values), reference sound levels and permissible sound levels of stationary road vehicles.</i>	Amended to update and move the reference to the relevant national legislation to the foreword.	2024-02-20
SANS 794 Ed 2.3	<i>Aggregates of low density.</i>	Amended to delete the annex on notes to purchasers.	2024-02-22
SANS 967 Ed 3.2	<i>Unplasticized poly(vinyl chloride) (PVC-U) soil, waste and vent pipes and pipe fittings.</i>	Amended updating the clause on requirements for materials, changing the Vicat softening point temperature, updating the clause on specific requirements for pipe fittings, adding the figure, Figure 8, on strap-on-boss	2024-02-29

		(reducing junction), and to include strap-on-boss (reducing junction) type of fitting as currently supplied by manufacturers into the industry and to update the clause on the procedure for handling and installing strap-on boss (reducing junction) in annex B.	
SANS 10316 Ed 1.3	<i>Aircraft ground support – Vehicle-mounted loading equipment.</i>	Amended to update referenced standards.	2024-04-02
SANS 974-3 Ed 1.2	<i>Rubber joint rings (non-cellular) – Part 3: Joint rings for use in pressure cookers.</i>	Amended to delete annex on notes to purchasers	2024-03-14
SANS 1366 Ed 3.1	<i>Conveyor belting – Steel cord reinforced construction.</i>	Amended to delete annex on notes to purchasers.	2024-03-14
SANS 62-2 Ed 3.3	<i>Steel pipes – Part 2: Screwed pieces and pipe fittings of nominal size not exceeding 150 mm.</i>	Amended to delete the appendix on notes to purchasers.	2024-03-19
SANS 674 Ed 1.4	<i>Steel-reinforced spirally wound PE drainage and sewer pipes.</i>	Amended to delete the annex on notes to purchasers.	2024-03-19
SANS 1882 Ed 1.1	<i>Polymer concrete surface boxes, manhole and inspection covers, gully gratings and frames.</i>	Amended to delete annex on notes to purchasers.	2024-03-19
SANS 1332 Ed 2.1	<i>Accessories for medium-voltage XLPE and impregnated paper-insulated power cables (3,8/6,6 kV to 19/33 kV).</i>	Amended to update the scope, referenced standards, and the subclause on environmental aging test for outdoor terminations.	2024-03-19
SANS 285 Ed 3.2	<i>Calcium silicate masonry units.</i>	Amended to delete the annex on notes to purchaser.	2024-03-19

## 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 withdrawn them.

Draft Standard No. and Edition	Title	Reason for withdrawal	Closing Date
SANS 1833-21:2007 Ed 1	<i>Textiles – Quantitative chemical analysis – Part 21: Mixtures of chlorofibres, certain modacrylics, certain elastanes, acetates, triacetates and certain other fibres (method using cyclohexanone).</i>	The standard is no longer used.	2024-02-20
SANS 1833-19:2007 Ed 1	<i>Textiles – Quantitative chemical analysis – Part 19: Mixtures of cellulose fibres and asbestos (method by heating).</i>	The standard is no longer used.	2024-02-20
SANS 1833-17:2007 Ed 1	<i>Textiles – Quantitative chemical analysis – Part 17: Mixtures of chlorofibres (homopolymers of vinyl chloride) and certain other fibres (method using sulfuric acid).</i>	The standard is no longer used.	2024-02-20
SANS 1833-14:2007 Ed 1	<i>Textiles – Quantitative chemical analysis – Part 14: Mixtures of acetate and certain chlorofibres (method using acetic acid).</i>	The standard is no longer used.	2024-02-20
SANS 1833-18:2007 Ed 1	<i>Textiles – Quantitative chemical analysis – Part 18: Mixtures of silk and wool or hair (method using sulfuric acid).</i>	The standard is no longer used.	2024-02-20
SANS 1833-15:2007 Ed 1	<i>Textiles – Quantitative chemical analysis – Part 15: Mixtures of jute and certain animal fibres (method by determining nitrogen content).</i>	The standard is no longer used.	2024-02-20
SANS 1833-13:2007 Ed 1	<i>Textiles – Quantitative chemical analysis – Part 13: Mixtures of certain chlorofibres and certain other fibres (method using carbon disulfide/acetone).</i>	The standard is no longer used.	2024-02-20
SANS 1833-9:2007 Ed 1	<i>Textiles – Quantitative chemical analysis – Part 9: Mixtures of acetate and triacetate fibres (method using benzyl alcohol).</i>	The standard is no longer used.	2024-02-20
SANS 1833-10:2007 Ed 1	<i>Textiles – Quantitative chemical analysis – Part 10: Mixtures of triacetate or polylactide and certain other fibres (method using dichloromethane).</i>	The standard is no longer used.	2024-02-20
SANS 1833-12:2007	<i>Textiles – Quantitative chemical analysis – Part 12:</i>	The standard is no	2024-02-20

Ed 1	<i>Mixtures of acrylic, certain modacrylics, certain chlorofibres, certain elastanes and certain other fibres (method using dimethylformamide).</i>	longer used.	
SANS 1833-3:2007 Ed 1	<i>Textiles – Quantitative chemical analysis – Part 3: Mixtures of acetate and certain other fibres (method using acetone).</i>	The standard is no longer used.	2024-02-20
SANS 1833-8:2007 Ed 1	<i>Textiles – Quantitative chemical analysis – Part 8: Mixtures of acetate and triacetate fibres (method using acetone).</i>	The standard is no longer used.	2024-02-20
SANS 474:2022 Ed 2.1	<i>Electricity metering – Standards requirements.</i>	The document is being converted back into NRS document.	2024-02-21
SANS 8297:1994 Ed 1	<i>Acoustics – Determination of sound power levels of multisource industrial plants for evaluation of sound pressure levels in the environment – Engineering method.</i>		2024-02-21
SANS 11801:2012 Ed 2.2	<i>Information technology – Generic cabling for customer premises.</i>	The standard has been withdrawn without replacement.	2024-02-21
SANS 8662-1:1988 Ed 1	<i>Hand-held portable power tools – Measurement of vibrations at the handle – Part 1: General.</i>	The standard withdrawn at ISO with no replacement.	2024-02-21

### 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 60335-2-38:2024 Ed 5	<i>Household and similar electrical appliances – Safety – Part 2-38: Particular requirements for commercial electric griddles and griddle grills.</i> Deals with the safety of electrically operated commercial griddles and griddle grills, 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 60335-2-95:2024 Ed 4	<i>Household and similar electrical appliances – Safety – Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use.</i> Deals with the safety of electric drives for garage doors for residential use that open and close in a vertical direction, the rated voltage of the drives being not more than 250 V for single-phase appliances and 480 V for other appliances.
SANS 60335-2-76:2024 Ed 3	<i>Household and similar electrical appliances – Safety – Part 2-76: Particular requirements for electric fence energizers.</i> Deals with the safety of electric fence energizers, the rated voltage of which is not more than 250 V and by means of which fence wires in agricultural, domestic or feral animal control fences and security fences may be electrified or monitored.
SANS 60974-10:2024 Ed 2	<i>Arc welding equipment – Part 10: Electromagnetic compatibility (EMC) requirements.</i> Applies to equipment for arc welding and allied processes, including power sources and ancillary equipment, for example wire feeders, liquid cooling systems, arc striking and stabilizing devices and chargers for battery powered equipment.

**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 268:2024 Ed 2.3	<i>Wooden handles for beater picks, mattocks, and picks. Consolidated edition incorporating amendment No. 3.</i> Amended to delete the appendix on notes to purchasers.
SANS 1128-2:2024 Ed 2.2	<i>Firefighting equipment – Part 2: Hose couplings, connectors and branch pipe and nozzle connections. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards, and to delete the annex on notes to purchasers.
SANS 3001-GR30:2024 Ed 1.3	<i>Civil engineering test methods – Part GR30: Determination of the maximum dry density and optimum moisture content. Consolidated edition incorporating amendment No. 3.</i> Amended to update the introduction, referenced standards, definitions, the requirements on apparatus, on samples, and the annex on calculation of the compaction mould factor by determining the volume.

**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

**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](mailto: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.