

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 4190 OF 2026

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.

SCHEDULE 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.

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Draft Standard No. and Edition	Title, scope and purport	Closing Date
SANS 50295-2:XXXXXX Ed 2	Vitrified clay pipe systems for drains and sewers - Part 2: Evaluation of conformity and sampling. <i>Specifies requirements for testing of products manufactured from vitrified clay and other materials specified in the following standards: ? pipes, fittings and joints according to EN 295-1; ? adaptors, connectors and flexible couplings according to EN 295-4; ? perforated pipes and fittings according to EN 295-5; ? components of manholes and inspection chambers according to EN 295-6; ? pipes and joints for pipe jacking according to EN 295-7.</i>	2026-12-08
SANS 50295-3:20xx Ed 2	Vitrified clay pipe systems for drains and sewers - Part 3: Test methods. <i>Specifies requirements for testing of products manufactured from vitrified clay and other materials specified in the following standards: pipes, fittings and joints according to EN 295-1 (published in South Africa as an identical adoption under the designation SANS 50295-1); adaptors, connectors and flexible couplings according to EN 295-4; perforated pipes and fittings according to EN 295-5; components of manholes and inspection chambers according to EN 295-6; and pipes and joints for pipe jacking according to EN 295-7.</i>	2026-12-08
SANS 10968: XXXXX Ed 3	Earth-moving machinery - Operator's controls. <i>Specifies requirements and guidelines for the operator's controls on earth-moving machinery as defined in ISO 6165, in as far as those controls relate to any direct-control machine</i>	2026-12-08
SANS 11258:20xx Ed 2	Iron ores for shaft direct-reduction feedstocks - Determination of the reducibility index, final degree of reduction and degree of metallization. <i>Specifies a method to provide a relative measure for evaluating the extent to and ease to which oxygen can be removed from iron ores, when reduced under conditions resembling those prevailing in shaft direct-reduction processes.</i>	2026-12-08
SANS 19168-1:XXXX Ed 1	Geographic Information - Geospatial API for features - Part 1: Core. <i>It specifies the behaviour of Web APIs that provides access to features in a dataset independently of the underlying data store.</i>	2026-12-08
SANS 60050-471:XXXX Ed 1	International Electrotechnical Vocabulary (IEV) - Part 471: Insulators. <i>Gives the general terminology used in insulators. This terminology is consistent with the terminology developed in the other specialized parts of the IEV.</i>	2026-12-08
SANS 60060-1:20xx Ed 3	High-voltage test techniques - Part 1: General terminology and test requirements. <i>Applies to dielectric tests with direct voltage, dielectric tests with alternating voltage, dielectric tests with impulse voltage, and dielectric tests with combinations of the above.</i>	2026-12-08
SANS 60060-2:20xx Ed 3	High-voltage test techniques Part 2: Measuring systems. <i>Applies to complete measuring systems and to their components, used for the measurement of high voltages during laboratory and factory tests with direct voltage, alternating voltage and lightning and switching impulse voltages and combined and composite voltages as specified in IEC 60060-1.</i>	2026-12-08
SANS 60270:XXXXXX Ed 2	High-voltage test techniques - Charge-based measurement of partial discharges. <i>Applicable to the measurement of partial discharges which occur in electrical apparatus, components or systems when tested with alternating voltages up to 400 Hz or with direct voltage.</i>	2026-12-08
SANS 61109:20xx	Insulators for overhead lines - Composite suspension and tension insulators for a.c.	2026-12-08

Ed 3	systems with a nominal voltage greater than 1 000 V - Definitions, test methods and acceptance criteria. <i>Applies to composite suspension/tension insulators consisting of a load-bearing cylindrical insulating solid core consisting of fibres - usually glass - in a resin-based matrix, a housing (outside the insulating core) made of polymeric material and end fittings permanently attached to the insulating core.</i>	
SANS 62475:XXXX Ed 1	High-current test techniques - Definitions and requirements for test currents and measuring systems. <i>Applicable to high-current testing and measurements on both high-voltage and low-voltage equipment. It deals with steady-state and short-time direct current (as e.g. encountered in high-power DC testing), steady-state and short-time alternating current (as e.g. encountered in high-power AC testing), and impulse-current. In general, currents above 100 A are considered in this document, although currents less than this can occur in tests.</i>	2026-12-08
SANS 62683-2-2:20xx Ed 1	Low-voltage switchgear and controlgear - Product data and properties for information exchange - Engineering data - Part 2-2: Switchgear and controlgear assembly objects for building information modelling. <i>This part of IEC 62683-2 specifies the building information modelling (BIM) with the physical characteristics and technical services of low-voltage switchgear and controlgear assemblies to be used mainly for the construction phase of the building and for delivering data for operation. This document covers all types of assemblies covered by the IEC 61439 series which can be installed in a building. Busbar trunking systems defined by IEC 61439-6 are under consideration for a next edition. These BIM object models, registered in IEC CDD, are intended to supply the process defined by ISO 16739 series. This document does not cover:</i> – the built-in components included within the assembly such as switchgear and controlgear, – safety related control system of machinery, – the detailed electrical and mechanical configuration of the assembly – logistic information.	2026-12-08
SANS 65700-19-03:20xx Ed 2	Bushings for DC application. <i>Applies to outdoor and indoor bushings of any voltage used on DC systems, of capacitance graded or gas insulated types for use as components of liquid-filled converter transformers and smoothing reactors, as well as air-to-air DC bushings.</i>	2026-12-08
SATR 21221:202X Ed 1	Information technology - Artificial intelligence - Beneficial AI systems. <i>Describes the delivery of functional, economic, environmental, social, societal, cultural, intellectual and personal benefits by AI systems as perceived by their stakeholders</i>	2026-12-08
SATR 61282-5:20xx Ed 1	Information technology - Artificial intelligence - Beneficial AI systems. <i>Describes the delivery of functional, economic, environmental, social, societal, cultural, intellectual and personal benefits by AI systems as perceived by their stakeholders</i>	2026-12-08
SATR 62000:20xx Ed 1	Guidelines for combining different single-mode fibre sub-categories. <i>Provides guidelines concerning single-mode fibre inter-compatibility.</i>	2026-12-08
SATS 61463:202x Ed 1	Bushings - Seismic qualification. <i>Applicable to alternating current and direct current bushings for highest voltages above 52 kV (or with resonance frequencies placed inside the seismic response spectrum), mounted on transformers, other apparatus or buildings. For bushings with highest voltages less than or equal to 52 kV (or with resonance frequencies placed outside from the seismic response spectrum), due to their characteristics, seismic qualification is not used as far as construction practice and seismic construction practice comply with the state of the art. This document presents acceptable seismic qualification methods and requirements to demonstrate that a bushing can maintain its mechanical properties, insulate and carry current during and after an earthquake.</i>	2026-12-08
SATS 61934:202x Ed 1	Electrical insulating materials and systems - Electrical measurement of partial discharges (PD) under short rise time and repetitive voltage impulses. <i>Applicable to the off-line electrical measurement of partial discharges (PDs) that occur in electrical insulation systems (EISs) when stressed by repetitive voltage impulses generated from power electronics devices. Typical applications are EISs belonging to apparatus driven by power electronics, such as motors, inductive reactors, wind turbine generators and the power electronics modules themselves.</i>	2026-12-08
SATS 62478:202x Ed 1	High voltage test techniques - Measurement of partial discharges by electromagnetic and acoustic methods. <i>Applicable to electromagnetic (HF/VHF/UHF) and acoustic measurements of PDs which occur in insulation of electrical apparatus. This specification deals with a large variety of applications, sensors of different frequency</i>	2026-12-08

	<i>ranges and differing sensitivities. The tasks of PD location and measuring system calibration or sensitivity check are also taken into account.</i>	
SANS 39:20xx Ed 3	Small medical gas cylinders - Pin-index yoke-type valve connections. <i>Applies to pin-index yoke-type valve connections for medical gas cylinders, with a working pressure up to a maximum of 200 bar or test pressure up to a maximum of 300 bar, or both.</i>	2026-12-08
SANS 147:20XX Ed 2	Carpets - Determination of number of tufts and/or loops per unit length and per unit area. <i>Specifies a method for the determination of the number of tufts or loops (or both) per unit length and per unit area of a carpet, and applies to carpets the pile of which consists of uniformly spaced tufts or loops (or both).</i>	2026-12-08
SANS 2424:XXXX Ed 2	Textile floor coverings – Vocabulary. <i>Defines terms relating to textile floor coverings and categories of these products.</i>	2026-12-08
SANS 2532:20XX Ed 1	Standard Specification for Maintaining Acceptable Water Activity (aw) Range (0.55 to 0.65) for Dry Cannabis Flower Intended for Human/Animal Use. <i>1.1 This specification covers the recommended range of aw suitable for safe and efficacious storage of cannabis flowers or portions thereof. 1.2 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety, health, and environmental practices and determine the applicability of regulatory limitations prior to use. 1.3 This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.</i>	2026-12-08
SANS 2612:20XX Ed 1	Essential oil of <i>Helichrysum odoratissimum</i> (L.) Sweet (Imphepho/Impepho). <i>This standard specifies requirements, sampling, and test methods for Helichrysum odoratissimum (Imphepho/Impepho) leaf and stem oil suitable for cosmetic use. It also applies to steam distilled essential oil of Helichrysum odoratissimum used in cosmetics and personal hygiene products.</i>	2026-12-08
SANS 8559-2:20XX Ed 2	Size designation of clothes Part 2: Primary and secondary dimension indicators. <i>Specifies primary and secondary dimensions for specified type of garments to be used in combination with ISO 8559-1 (published in South Africa as an identical adoption under the designation SANS 8559-1).</i>	2026-12-08
SANS 13611:20xx Ed 2	Interpreting services - Community interpreting - Requirements and recommendations. <i>Specifies requirements and recommendations for the provision of community interpreting services.</i>	2026-12-08
SANS 15027-1:XXXX Ed 1	Immersion suits - Part 1 Safety and performance requirements for constant wear suits. <i>Specifies performance and safety requirements for constant wear suits and suit systems for professional and leisure activities to protect the user against the effects of cold-water immersion, by reducing cold shock and delaying the onset of hypothermia.</i>	2026-12-08
SANS 15027-2:XXXX Ed 1	Immersion suits - Part 2: Safety and performance requirements for abandonment suits. <i>Specifies performance and safety requirements for abandonment suits and suit systems in emergency situations for professional and leisure activities to protect the user against the effects of cold-water immersion, by reducing cold shock and delaying the onset of hypothermia.</i>	2026-12-08
SANS 15027-3:XXXX Ed 1	Immersion suits - part 3: test methods. <i>Specifies the test methods for constant wear suits and abandonment suits.</i>	2026-12-08
SANS 15708-1:20xx Ed 2	Non-destructive testing - Radiation methods for computed tomography - Part 1: Vocabulary. <i>Defines terms used in the field of computed tomography (CT).</i>	2026-12-08
SANS 15708-2:20xx Ed 2	Non-destructive testing - Radiation methods for computed tomography - Part 2: Principles, equipment and samples. <i>Specifies the general principles of X-ray computed tomography(CT), the equipment used and basic considerations of sample, materials and geometry.</i>	2026-12-08
SANS 17577:20xx Ed 2	Steel - Ultrasonic testing of steel flat products of thickness equal to or greater than 6 mm. <i>Specifies a method for the automated and/or manual ultrasonic testing of uncoated steel flat products for internal discontinuities by the pulse echo technique.</i>	2026-12-08
SANS 19178-1:XXXX Ed 1	Geographic Information - Training data markup language for artificial intelligence - Part 1: Conceptual model. <i>It provides detailed metadata for formalizing the information model of training data.</i>	2026-12-08
SANS 23279:20xx Ed 2	Non-destructive testing of welds - Ultrasonic testing - Characterization of indications in welds. <i>Defines a procedure for classifying internal indications as planar or non-</i>	2026-12-08

	<i>planar.</i>	
SANS 24078:20xx Ed 1	Hydrogen in energy systems – Vocabulary. <i>Establishes the terms, definitions, symbols and abbreviations used in the fields related to hydrogen in energy systems.</i>	2026-12-08
SANS 50354:XXXX Ed 3	Personal protective equipment – Lanyards. <i>This standard specifies the requirements, test methods, marking, information supplied by the manufacturer and packaging for lanyards. Lanyards conforming to this European Standard are used as connecting elements or components in personal fall protection systems (i.e. restraint systems, work positioning systems, rope access systems, fall arrest systems and rescue systems).</i>	2026-12-08
SANS 60079-29-0:20xx Ed 1	Explosive atmospheres - Part 29-0: Gas detection equipment - General requirements and test methods. <i>Specifies general requirements, test methods and acceptance criteria that apply to flammable, oxygen and toxic gas detection equipment intended to detect gases and vapours and to provide an indication, alarm or other output function for personnel or property protection in industrial and commercial applications.</i>	2026-12-08
SANS 1452:20XX Ed 2	Lighting and optics overhead projectors. <i>Covers overhead projectors for the projection by transmitted light of images on a transparent medium. Does not cover those parts of the projector such as switches, connectors and cables, that are covered by applicable compulsory specifications. Specifies design, construction, electrical and general safety, picture projection and limitation of noise.</i>	2026-12-08
SANS 5060:202x Ed 1	Translation services - Evaluation of translation output - General guidance. <i>Specifies requirements and recommendations for the design of permanent booths for simultaneous interpreting in new or existing buildings</i>	2026-12-08
SANS 9648:202x Ed 1	Tourism and related services - Online travel agency (OTA) - Guidelines for online accommodation booking platform services. <i>Provides guidance on the operation of an effective online accommodation booking platform to meet the needs of accommodation service providers and users.</i>	2026-12-08
SANS 16520:202x Ed 1	Tourism and related services - Restaurants and catering – Vocabulary. <i>Defines terms used in the tourism industry in the field of restaurants and catering.</i>	2026-12-08
SANS 18060:202x Ed 1	Sustainable tourism - Indicators for organizations in the tourism value chain - Requirements and guidance for use. <i>Defines and establishes methodologies for a set of indicators to steer and measure the performance of organizations in terms of sustainability</i>	2026-12-08
SANS 24495-3:202x Ed 1	Plain language Part 3: Science writing. <i>Establishes governing principles and guidelines for plain science writing</i>	2026-12-08
SANS 60079-0:20XX Ed 7	Explosive atmospheres Part 0: Equipment - General requirements. <i>Specifies the general requirements for construction, testing and marking of Ex Equipment and Ex Components intended for use in explosive atmospheres.</i>	2026-12-08
SANS 60079-10-2:20xx Ed 3	Explosive atmospheres Part 10-2: Classification of areas - Combustible dust atmospheres. <i>Concerns the identification and classification of areas where explosive dust atmospheres and combustible dust layers are present, in order to permit the proper assessment of ignition sources in such areas.</i>	2026-12-08
SANS 60079-30-1:20xx Ed 3	Explosive atmospheres Part 30-1: Electrical resistance trace heating - General and testing requirements. <i>Specifies general and testing requirements for electrical resistance trace heaters for application in explosive atmospheres with the exclusion of those for Equipment Protection Levels (EPL) Ga, Da, Ma and Mb equipment.</i>	2026-12-08
SANS 60079-30-2:20xx Ed 3	Explosive atmospheres Part 30-2: Electrical resistance trace heating - Application guide for design, installation and maintenance. <i>Provides guidance for the application of electrical resistance trace heating systems in areas where explosive atmospheres may be present, with the exclusion of those classified as requiring EPL Ga/Da (traditional relationship to Zone 0 and Zone 20 respectively). This standard also provides guidance for explosive atmospheres incorporating the Division method of area classification that may be applied by some users of this standard. It provides recommendations for the design, installation, maintenance and repair of trace heating systems including associated control and monitoring equipment.</i>	2026-12-08
SANS 60534-1:20xx Ed 2	Industrial-process control valves - Part 1: Control valve terminology and general considerations. <i>Applies to all types of industrial-process control valves (hereinafter referred to as control valves).</i>	2026-12-08
SANS 60598-2-2:20XX Ed 3	Luminaires - Part 2-2: Particular requirements - Recessed luminaires and recessed air-handling luminaires. <i>Specifies requirements for recessed luminaires</i>	2026-12-08

	<i>incorporating electric light sources for operation from supply voltages up to 1 000 V. It also specifies requirements for recessed air-handling luminaires for use with a ventilation duct or ventilated space (plenum).</i>	
SANS 61326-2-2:20XX Ed 2	Electrical equipment for measurement, control and laboratory use - EMC requirements Part 2-2: Particular requirements - Test configurations, operational conditions and performance criteria for portable test, measuring and monitoring equipment used in low-voltage distribution systems. <i>Specifies electromagnetic compatibility (EMC) and immunity requirements for portable test, measuring, and monitoring equipment used in low-voltage distribution system</i>	2026-12-08
SANS 61326-2-3:20XX Ed 2	Electrical equipment for measurement, control and laboratory use - EMC requirements Part 2-3: Particular requirements - Test configuration, operational conditions and performance criteria for transducers with integrated or remote signal conditioning. <i>Specifies precise test setups, operating conditions, and performance criteria for transducers that have integrated or remote signal conditioning</i>	2026-12-08
SANS 61326-2-4:20XX Ed 2	Electrical equipment for measurement, control and laboratory use - EMC requirements Part 2-4: Particular requirements - Test configurations, operational conditions and performance criteria for insulation monitoring devices according to IEC 61557-8 and for equipment for insulation fault location according to IEC 61557-9. <i>Specifies electromagnetic compatibility (EMC) requirements, test configurations, operational conditions, and performance criteria for insulation monitoring devices and insulation fault location equipment connected to power distribution systems</i>	2026-12-08
SANS 61326-2-5:20XX Ed 2	Electrical equipment for measurement, control and laboratory use - EMC requirements Part 2-5: Particular requirements - Test configurations, operational conditions and performance criteria for field devices with interfaces according to IEC 61784-1, CP 3/2. <i>Specifies electromagnetic compatibility (EMC) requirements, test setups, working conditions, and performance limits for field devices that use field bus interfaces defined under IEC 61784-1</i>	2026-12-08
SANS 62770:20xx Ed 2	Fluids for electrotechnical applications - Unused natural esters for transformers and similar electrical equipment. <i>Describes specifications and test methods for unused natural esters in transformers and similar liquid-immersed electrical equipment in which a liquid is required as an insulating and heat transfer medium.</i>	2026-12-08
SANS 62790:20xx Ed 1	Junction boxes for photovoltaic modules - Safety requirements and tests. <i>Describes safety requirements, constructional requirements and tests for junction boxes up to 1 500 V DC for use on photovoltaic modules in accordance with class II of IEC 61140:2016.</i>	2026-12-08
SANS 62891:20xx Ed 1	Maximum power point tracking efficiency of grid connected photovoltaic inverters. <i>Provides a procedure for the measurement of the efficiency of the maximum power point tracking (MPPT) of inverters used in grid-connected photovoltaic (PV) systems.</i>	2026-12-08
SATR 18-2:20XX Ed 1	Radio interference characteristics of overhead power lines and high-voltage equipment - Part 2: Methods of measurement and procedure for determining limits. <i>Applies to radio noise from overhead power lines and high-voltage equipment which may cause interference to radio reception</i>	2026-12-08
SATS 60079-44:xxxx Ed 1	Explosive atmospheres - Part 44: Personal competence. <i>Provides guidance to establish recommended minimum criteria to determine roles, establish expectations of the necessary skills and evidence of competence to assess and manage the competence of personnel conducting work in or associated with hazardous areas.</i>	2026-12-08
SANS 553-3:20xx Ed 2	Inflatable boats Part 3: Boats with a length of the hull less than 8 m with a motor power rating of 15 kW and greater. <i>Specifies the minimum safety characteristics required for the design, materials to use, manufacture and testing of inflatable boats (including rigid inflatable boats) less than 8 m in overall length with a minimum buoyancy of 1 800 N. Is applicable to type VII and type VIII inflatable boats. Excludes single-chambered boats and boats made from unsupported materials. Is not applicable to aquatic toys and inflatable liferafts.</i>	2026-12-08
SANS 21899:20xx Ed 1	Biotechnology - Biobanking - General requirements for the validation and verification of processing methods for biological material in biobanks. <i>This document is intended for use in the implementation and validation of processing methods for biological materials. This document covers method validation and verification for the production of all biological materials. This document does not apply to biological material intended for food/feed production, laboratories undertaking food/feed analysis, and/or therapeutic use. Reference material production is not covered in this document. For the production requirements for reference materials, see ISO 17034.</i>	2026-12-08

SANS 50892:20xx Ed 3	Mountaineering equipment — Dynamic mountaineering ropes — Safety requirements and test methods. <i>This European Standard specifies safety requirements and test methods for dynamic ropes (single, half and twin ropes) in kernmantel construction for use in mountaineering including climbing.</i>	2026-12-08
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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 22:XXXX Ed 2.4	Glazed ceramic wall tiles and fittings	Amended to delete the appendix on notes to purchasers.	2026-12-08
SANS 227:20XX Ed 4.6	<i>Burnt clay masonry units</i>	Amended to delete the note that cross references the deleted appendix B and to update the clause on requirements.	2026-12-08

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.

Standard No. and Edition	Title	Reason for withdrawal	Closing Date
SANS 105-E06:2008 Ed 2	<i>Textiles - Tests for colour fastness Part E06: Colour fastness to spotting: Alkali</i>	The standard is obsolete	2026-12-08
SANS 105-F09:2009 Ed 1	<i>Textiles - Tests for colour fastness Part F09: Specification for cotton rubbing cloth</i>	The standard is obsolete	2026-12-08
SANS 105-X05:1994 Ed 1	<i>Textiles - Tests for colour fastness Part X05: Colour fastness to organic solvents</i>	The standard is obsolete	2026-12-08
SANS 1833-20:2010 Ed 1	<i>Textiles - Quantitative chemical analysis Part 20: Mixtures of elastane and certain other fibres (method using dimethylacetamide)</i>	The standard is obsolete	2026-12-08
SANS 1833-24:2011 Ed 1	<i>Textiles - Quantitative chemical analysis Part 24: Mixtures of polyester and certain other fibres (method using phenol and tetrachloroethane)</i>	The standard is obsolete	2026-12-08
SANS 1833-2:2007 Ed 1	<i>Textiles - Quantitative chemical analysis Part 2: Ternary fibre mixture</i>	The standard is obsolete	2026-12-08
SANS 1833-6:2007 Ed 1	<i>Textiles - Quantitative chemical analysis Part 6: Mixtures of viscose or certain types of cupro or modal or lyocell and cotton fibres (method using formic acid and zinc chloride)</i>	The standard is obsolete	2026-12-08
SANS 3074:2003 Ed 1	<i>Wool - Determination of dichloromethane-soluble matter in combed sliver</i>	The standard is obsolete	2026-12-08
SANS 5102:2004 Ed 3	<i>Water resistance of textile fabrics: short period cone test</i>	The standard is obsolete	2026-12-08
SANS 5254:2003	<i>Determination of the presence of alkalinity in surgical</i>	The standard is obsolete	2026-12-08

Ed 2	<i>dressings</i>		
SANS 5255:2003 Ed 2	<i>Determination of the presence of acidity in surgical dressings</i>	The standard is obsolete	2026-12-08
SANS 5267:2005 Ed 3	<i>Threads per centimetre in narrow woven textile fabrics</i>	The standard is obsolete	2026-12-08
SANS 5276:2005 Ed 3	<i>Non-fibrous material content of textiles (physical separation method)</i>	The standard is obsolete	2026-12-08
SANS 5414:2007 Ed 3.1	<i>Tensile strength and extension at break: modified (dumb-bell) strip method</i>	The standard is obsolete	2026-12-08
SANS 5448:2006 Ed 3	<i>Effect of heat on appearance and texture of textile fabrics</i>	The standard is obsolete	2026-12-08
SANS 5451:2004 Ed 3	<i>Colour fastness of buttons to dry cleaning</i>	The standard is obsolete	2026-12-08
SANS 5452:2005 Ed 2	<i>Method of obtaining test samples of cleaning waste</i>	The standard is obsolete	2026-12-08
SANS 565:2003 Ed 1	<i>Cleansing and wetting procedures for use in the assessment of the effect of cleansing and wetting on the flammability of textile fabrics and fabric assemblies</i>	The standard is obsolete	2026-12-08
SANS 6008:2005 Ed 3	<i>Assessment of the tendency of apparel fabrics to snag (mace tester method)</i>	The standard is obsolete	2026-12-08
SANS 6027:2019 Ed 2.1	<i>Assessment of the tendency of apparel fabrics to snag (mace tester method)</i>	The standard is obsolete	2026-12-08
SANS 6107:2005 Ed 2	<i>Wales and courses per unit length in knitted textile fabrics (Traversing thread counter method)</i>	The standard is obsolete	2026-12-08
SANS 9866-1:2003 Ed 1	<i>Textiles - Effect of dry heat on fabrics under low pressure Part 1: Procedure for dry-heat treatment of fabrics</i>	The standard is obsolete	2026-12-08
SANS 9866-2:2003 Ed 1	<i>Textiles - Effect of dry heat on fabrics under low pressure Part 2: Determination of dimensional change in fabrics exposed to dry heat</i>	The standard is obsolete	2026-12-08

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 2144:2026 Ed 1	Criteria for verification, uncertainty of measurement and quality assurance in hydrobiological testing. <i>Specifies the requirements for verification, uncertainty of measurement, and quality assurance of aquatic toxicity methods used in the testing laboratories. Provides criteria for the implementation and maintenance of method verification in hydrobiological testing laboratories.</i>
SANS 16358-1:2026 Ed 1	Air-cooled air conditioners and air to-air heat pumps - Testing and calculating methods for seasonal performance factors - Part 1: Cooling seasonal performance factor. <i>Specifies the testing and calculating methods for seasonal performance factor of equipment covered by ISO 5151 (published in South Africa as an identical adoption under the designation SANS 5151), ISO 13253 (published in South Africa as an identical adoption under the designation SANS 13253) and ISO 15042. specifies the seasonal performance test conditions and the corresponding test procedures for determining the seasonal performance factor of equipment, as specified in 1.1, under mandatory test conditions and is intended for use only in marking, comparison, and certification purposes.</i>

SANS 16358-3:2026 Ed 1	Air-cooled air conditioners and air-to-air heat pumps - Testing and calculating methods for seasonal performance factors - Part 3: Annual performance factor. <i>Specifies the testing and calculating methods for seasonal performance factor of equipment covered by ISO 5151 (published in South Africa as an identical adoption under the designation SANS 5151), ISO 13253 (published in South Africa as an identical adoption under the designation SANS 13258) and ISO 15042.</i>
SATR 56009:2026 Ed 1	Innovation management - Example implementations of innovation operation measurements. <i>Provides illustrative examples of how organizations of different kinds, sizes and innovation objectives can implement innovation operation measurements by using ISO 56008 (published in South Africa as an identical adoption under the designation SANS 56008).</i>
SATS 57342:2026 Ed 1	Road restraint systems - Motorcycle road restraint systems which reduce the impact severity of motorcyclist collisions with safety barriers. <i>Specifies requirements for the impact performance of systems designed for the reduction of impact severity for PTW riders impacting safety barriers whilst sliding along the ground, having fallen from their PTW vehicle.</i>
SANS 61869-21:2026 Ed 1	Instrument transformers - Part 21: Uncertainty evaluation in the accuracy test of instrument transformers. <i>Provides the requirements, the methods and the guidelines to be applied on the evaluation of uncertainty in testing the accuracy of instrument transformers (IT) with an analogue or a digital secondary signal for measuring, protection and control purposes, with rated frequencies from 15 Hz to 400 Hz.</i>
SATS 62196-7:2026 Ed 1	Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 7: Vehicle adapters. <i>Specifies the safety, interoperability, compatibility requirements and the configuration standard sheets for DC charging vehicle adapters- with a rated voltage up to 1 500 V DC;- between vehicle connector and vehicle inlet according to IEC 62196-3;- used to adapt configuration GG vehicle inlet to configuration AA, BB vehicle connector as specified in the IEC 62196-3</i>
SANS 62281:2026 Ed 1	Safety of primary and secondary lithium cells and batteries during transport. <i>Applies to lead-acid batteries used for starting, lighting and ignition of passenger cars and light vehicles with a nominal voltage of 12 V.</i>
SANS 62933-1:2026 Ed 1	Electrical energy storage (EES) systems - Part 1: Vocabulary. <i>Defines terms applicable to electrical energy storage (EES) systems including terms necessary for the definition of unit parameters, test methods, planning, installation, operation, environmental and safety issues.</i>
SATS 63058:2026 Ed 1	Switchgear and controlgear and their assemblies for low voltage - Environmental aspects. <i>Provides guidance to manufacturers of lowvoltage switchgear and controlgear and their assemblies in evaluating and improving the environmental impact of their products, and in enabling effective communication using common references for environmental information throughout the supply chain.</i>
SATS 63346-1-1:2026 Ed 1	Low-voltage auxiliary power systems - Part 1-1: Terminology. <i>Specifies common rules and requirements for the design of low voltage (LV) AC auxiliary power systems (APSS) intended to be installed in substations, mainly covering the configuration of AC power sources, system wiring, protection, electric equipment selection and physical layout.</i>
SATS 63346-2-3:2026 Ed 1	Low-voltage auxiliary power systems - Part 2-3: Design criteria - Low-voltage AC auxiliary power systems for substations. <i>Specifies common rules and requirements for the design of low voltage (LV) AC auxiliary power systems (APSS) intended to be installed in substations, mainly covering the configuration of AC power sources, system wiring, protection, electric equipment selection and physical layout.</i>
SATS 63379:2026 Ed 1	Vehicle connector, vehicle inlet and cable assembly for megawatt DC charging. <i>Applies to vehicle couplers with pins and contact-tubes of standardized configuration, herein also referred to as "accessories", and to cable assemblies intended for use in electric vehicle conductive charging systems which incorporate control means, with rated operating voltage not exceeding 1 500 V DC and a rated current up to and including 3 000 A that employ: a) thermal sensing, or b) thermal transport and thermal sensing, with the system architecture described in 4.100.</i>
SANS 63439-1-1:2026 Ed 1	Robotics for electricity generation, transmission, and distribution systems - Part 1-1: Terminology for electric power robots. <i>Defines terms relating to electric power robot. It defines terms used for describing classification, constitution, function, performance, safety, working environment and other topics relating to electric power robot.</i>

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 1261-1:2026 Ed 2.03	Performance requirements for retail textiles Part 1: Household piece-goods and articles. <i>Amended to update referenced standards.</i>
SANS 1524-1:2026 Ed 6.01	Electricity payment systems Part 1: Payment meters for active energy (classes 0,5, 1 and 2). <i>Amended to update referenced standards and construction requirements.</i>
SANS 5249:2026 Ed 2.01	Determination of the absorbency rate of absorbent cotton wool. <i>Amended to update referenced standards.</i>
SANS 10140-3:2026 Ed 3.02	Identification colour markings Part 3: Contents of pipelines. <i>Amended to update referenced standards.</i>
SANS 10206:2026 Ed 3.01	The handling, storage and disposal of pesticides. <i>Amended to update referenced standards.</i>
SANS 10249:2026 Ed 1.04	Masonry walling. <i>Amended to update referenced standards, the clause on design, and the annex on masonry bonds and joint finishes.</i>
SANS 60601-1:2026 Ed 2.02	Medical electrical equipment Part 1: General requirements for basic safety and essential performance. <i>Included to clarify the subclause on emission, deformation of enclosure or exceeding maximum temperature.</i>
SANS 60601-2-45:2026 Ed 1.01	Medical electrical equipment - Part 2-45: Particular requirements for the basic safety and essential performance of mammographic X-ray equipment and mammographic stereotactic devices. <i>Amended to update the introduction, the clauses on scope, object and related standards, referenced standards, terms and definitions, general requirements, ME EQUIPMENT identification, marking and documents, protection against MECHANICAL HAZARDS of ME EQUIPMENT and ME SYSTEMS, protection against unwanted and excessive radiation HAZARDS, accuracy of controls and instruments and protection against hazardous outputs, radiation protection in diagnostic X-ray equipment, and on radiation protection in diagnostic X-ray equipment.</i>
SANS 61121:2026 Ed 2.01	Tumble dryers for household use - Methods for measuring the performance. <i>Amended to update national annex AA to include energy efficiency requirements for tumble dryers, and to delete national annex BB on energy labelling of household tumble dryers.</i>
SANS 61347-2-7:2026 Ed 3.02	Lamp controlgear - Part 2-7: Particular requirements for electric source for safety services (ESSS) supplied electronic controlgear for emergency lighting (self-contained). <i>Amended to update the title of the standard, scope, referenced standards, terms and definitions, the clause on information to be provided in addition to mandatory marking, to void the clause on fault conditions, to update the clauses on starting conditions, lamp current, supply current, lamp operating current waveforms, functional changeover operation, recharging device, protection against excessive discharge, remote control, rest mode, inhibition mode, fault conditions, the figure on circuit for testing rectifying effect, the clause on protection of associated components, and the introduction of the annex that provides information expected to be provided in a battery manufacturer's declaration of design for a lithium battery.</i>
SANS 62552-3:2026 Ed 1.01	Household refrigerating appliances - Characteristics and test methods - Part 3: Energy consumption and volume. <i>Amended to include national annex AA on energy efficiency requirements for refrigerating appliances.</i>

SANS 62841-4-2:2026 Ed 1.01	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety -Part 4-2: Particular requirements for hedge trimmers. <i>Amended to include the introduction, to update the scope, referenced standards, terms and definitions, to modify the clause on general conditions for the tests, marking and instructions, moisture resistance, endurance, mechanical hazards, mechanical strength, construction, components, creepage distances, clearances and distances through insulation, and the annexes on measurement of noise and vibration emissions, on battery tools and battery packs, on battery tools and battery packs provided with mains connection or non-isolated sources, on safety signs for safety instructions and warnings, and on example of a material and construction for fulfilling the requirements for an artificial surface.</i>
SANS 62841-2-4:2026 Ed 1.01	Electric motor-operated hand- held tools, transportable tools and lawn and garden machinery - Safety - Part 2-4: Particular requirements for hand-held sanders and polishers other than disc type. <i>Amended to update the clause on abnormal operation, and mechanical hazards, and on construction, components, and the annex on measurement of noise and vibration emissions.</i>
SANS 62841-2-5:2026 Ed 1.01	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-5: Particular requirements for hand-held circular saws. <i>Amended to modify clauses on marking and instructions, endurance, abnormal operation, mechanical hazards, mechanical strength, construction, and the clause on components, the annexes on measurement of noise and vibration emissions, and on additional requirements for lower guards for saws without a riving knife.</i>
SANS 10085-1:2026 Ed 2.01	The design, erection, inspection, use, modification and dismantling of steel access scaffolding and working platforms Part 1: General. <i>Amended to update the title, definition, the table for foundations for scaffolds, reference to emergency procedure, figure in example of independent type scaffold and the requirements for the design of scaffolds, scaffolding components, erection and dismantling of tubular steel independent tube and fitting type scaffolding, erection and dismantling of system type tower scaffolds, scaffold ramps and scaffolding tools.</i>
SANS 62841-2-3:2026 Ed 1.01	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-3: Particular requirements for handheld grinders, disc-type polishers and disc-type sanders. <i>Amended to update the scope, referenced standards, terms and definitions, the clauses on marking and instructions, on abnormal operation, on mechanical hazards, on mechanical strength, and on supply connection and external flexible cords, the annexes on measurement of noise and vibration emissions, on battery tools and battery packs, on battery tools and battery packs provided with mains connection or non-isolated sources, on wheel guard types, and on wheel type specifications.</i>
SANS 62841-3-6:2026 Ed 1.01	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-6: Particular requirements for transportable diamond drills with liquid system. <i>Amended to update clauses on scope, referenced standards, terms and definitions, marking and instructions, moisture resistance, abnormal operation, mechanical hazards, construction, components, supply connection and external flexible cords, and the clause on creepage distances, clearances and distances through insulation, and the annexes on leakage current, and on measurement of noise and vibration emissions.</i>

SCHEDULE B.3: Revised STANDARDS

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

Standard No. and year	Title, scope and purport
SANS 1906:2026 Ed 4	Non-pressure paraffin stoves and heaters. <i>Specifies the requirements for the construction, operation and safe use of non-pressurised paraffin-fuelled appliances primarily intended for domestic use, including stoves with a maximum heat rating of 4,5 kW per burner and heaters with a maximum heat rating of 10 kW.</i>

SANS 3001-AG4:2026 Ed 2	Civil engineering test methods Part AG4: Determination of the flakiness index of coarse aggregate. <i>Specifies a method for determining the flakiness index of coarse aggregate, expressed as the mass of particles of applicable size passing slots with prescribed widths, as a percentage of the total mass of the aggregate.</i>
SANS 3251:2026 Ed 3	Paints, varnishes and plastics - Determination of non-volatile-matter content. <i>Specifies a method for determining the non-volatile-matter content by mass of paints, varnishes, binders for paints and varnishes, polymer dispersions and condensation resins such as phenolic resins (resols, novolak solutions etc.).</i>
SANS 3668:2026 Ed 2	Paints and varnishes - Visual comparison of colour of paints. <i>Specifies a method for the visual comparison of the colour of films of paints or related products against a standard (either a reference standard or a freshly prepared standard) using artificial light sources in a standard booth.</i>
SANS 5537:2026 Ed 2	Dried milk and dried milk products - Determination of moisture content (reference method). <i>Specifies a method for the determination of the moisture content of all types of dried milk and dried milk products.</i>
SANS 8199:2026 Ed 3	Water quality - General requirements and guidance for microbiological examinations by culture. <i>Specifies requirements and gives guidance for performing the manipulations common to each culture technique for the microbiological examination of water, particularly the preparation of samples, culture media, and general apparatus and glassware, unless otherwise required in the specific standard.</i>
SANS 14001:2026 Ed 4	Environmental management systems - Requirements with guidance for use. <i>Specifies the requirements for an environmental management system that an organization can use to enhance its environmental performance.</i>
SANS 14971:2026 Ed 3	Medical devices - Application of risk management to medical devices. <i>Specifies terminology, principles and a process for risk management of medical devices, including software as a medical device and in vitro diagnostic medical devices.</i>
SANS 17024:2026 Ed 3	Conformity assessment - General requirements for bodies operating certification of persons. <i>Sets requirements for certification bodies operating certification of persons aiming to ensure these bodies operate in a consistent, reliable, and internationally recognized manner.</i>
SANS 21001:2026 Ed 2	Educational organizations - Management systems for educational organizations - Requirements with guidance for use. <i>Specifies requirements and provides guidance for a management system for educational organizations (EOMS) when such an organization: a) needs to demonstrate its ability to support the acquisition and development of competence through teaching, learning or research; b) aims to enhance satisfaction of learners, other beneficiaries and staff through the effective application of its EOMS, including processes for improvement of the system and assurance of conformity to the requirements of learners and other beneficiaries.</i>
SANS 38500:2026 Ed 3	Information technology - Governance of IT for the organization. <i>Provides guiding principles for members of governing bodies of organizations and those that support them on the effective, efficient and acceptable use of information technology (IT) within their organizations.</i>
SANS 60034-2-1:2026 Ed 3	Rotating electrical machines Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles). <i>Establishes methods of determining efficiencies from tests, and also to specify methods of obtaining specific losses.</i>
SANS 60034-2-2:2026 Ed 2	Rotating electrical machines Part 2-2: Specific methods for determining separate losses of large machines from tests - Supplement to IEC 60034-2-1. <i>Applies to large rotating electrical machines and establishes additional methods of determining separate losses and to define an efficiency supplementing IEC 60034-2-1.</i>
SANS 60034-2-3:2026 Ed 2	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. The motor is then part of a variable frequency power drive system (PDS) as defined in IEC 61800-9-2.</i>
SANS 60034-3:2026 Ed 4	Rotating electrical machines -Part 3: Specific requirements for synchronous generators driven by steam turbines or combustion gas turbines and for synchronous compensators. <i>Applies to large three-phase synchronous generators, having rated outputs of 10 MVA and above driven by steam turbines or combustion gas turbines.</i>
SANS 60095-2:2026 Ed 3	Lead-acid starter batteries Part 2: Dimensions of batteries and dimensions and marking of terminals. <i>Applicable to lead-acid batteries used for starting, lighting and ignition of passenger cars and light vehicles with a nominal voltage of 12 V.</i>

SANS 61558-2-2:2026 Ed 3	Safety of transformers, reactors, power supply units and combinations thereof - Part 2-2: Particular requirements and tests for control transformers and power supply units incorporating control transformers. <i>Deals with the safety of control transformers and power supply units incorporating control transformers. Transformers incorporating electronic circuits are also covered by this document. For power supply units (linear) this document is applicable. Applicable to stationary or portable, single-phase or polyphase, air-cooled (natural or forced) independent or associated dry-type transformers.</i>
SANS 61280-1-3:2026 Ed 3	Fibre optic communication subsystem test procedures - Part 1-3: General communication subsystems - Measurement of central wavelength, spectral width and additional spectral characteristics. <i>Provides definitions and measurement procedures for several wavelength and spectral width properties of an optical spectrum associated with a fibre optic communication subsystem, an optical transmitter, or other light sources used in the operation or test of communication subsystem.</i>
SANS 60794-5:2026 Ed 2	Optical fibre cables Part 5: Sectional specification - Microduct cabling for installation by blowing. <i>Specifies the requirements of microduct optical fibre cables, microduct fibre units, microducts and protected microducts for installation by blowing for outdoor and/or indoor use.</i>
SANS 60794-4-10:2026 Ed 2	Optical fibre cables Part 4-10: Family specification - Optical ground wires (OPGW) along electrical power lines. <i>Covers cable construction, test methods and optical, mechanical, environmental and electrical performance requirements for OPGW (optical ground wire) which is used for the protection of electrical power lines against atmospheric discharges or short-circuits and, at the same time, as a high bandwidth transport media for communications-and-control optical signals.</i>
SANS 60794-4:2026 Ed 2	Optical fibre cables Part 4: Sectional specification - Aerial optical cables along electrical power lines. <i>Covers cable construction, test methods, optical, mechanical, environmental and electrical performance requirements for aerial optical fibre cables and cable elements which are intended to be used along power lines (OCEPL) as a high bandwidth transport media for communications and control optical signals, including optical ground wires (OPGW), optical phase conductors (OPPC), metallic aerial self-supported cables (MASS), all-dielectric self-supporting cables (ADSS) and optical attached cables (OPAC).</i>
SANS 60794-2-10:2026 Ed 2	Optical fibre cables - Part 2-10: Indoor optical fibre cables - Family specification for simplex and duplex cables. <i>Covers simplex and duplex optical fibre cables for indoor use.</i>
SANS 60793-2-20:2026 Ed 3	Optical fibres Part 2-20: Product specifications - Sectional specification for category A2 multimode fibres. <i>Specifies requirements for category A2 multimode optical fibres, focusing on glass core/glass cladding, step, or quasi-step index fibers.</i>
SANS 60793-2-10:2026 Ed 4	Optical fibres Part 2-10: Product specifications - Sectional specification for category A1 multimode fibres. <i>Applies to optical fibre sub-categories A1-OM1, A1-OM2, A1-OM3, A1-OM4, A1-OM5, and A1d.</i>
SANS 60793-1-41:2026 Ed 4	Optical fibres Part 1-41: Measurement methods and test procedures – Bandwidth. <i>Describes three methods for determining and measuring the modal bandwidth of multimode optical fibres.</i>
SANS 60793-1-40:2026 Ed 3	Optical fibres - Part 1-40: Attenuation measurement methods. <i>Establishes uniform requirements for measuring the attenuation of optical fibre, thereby assisting in the inspection of fibres and cables for commercial purposes.</i>
SANS 60793-1-33:2026 Ed 2	Optical fibres Part 1-33: Measurement methods and test procedures - Stress corrosion susceptibility. <i>Establishes requirements for measuring mechanical stress corrosion susceptibility, critical for predicting fiber lifetime.</i>
SATS 80004-3:2026 Ed 2	Nanotechnologies - Vocabulary Part 3: Carbon nano-objects. <i>Defines terms related to carbon nano-objects in the field of nanotechnologies.</i>
SANS 62196-2:2026 Ed 4	Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories. <i>Applies to EV plugs, EV socket-outlets, vehicle connectors and vehicle inlets with pins and contact-tubes of standardized configurations, herein referred to as accessories. These accessories have a nominal rated operating voltage not exceeding 480 V AC, 50 Hz to 60 Hz, and a rated current not exceeding 63 A three phase or 70 A single phase, for use in conductive charging of electric vehicles.</i>
SANS 61995-1:2026 Ed 2	Devices for the connection of luminaires for household and similar purposes Part 1: General requirements. <i>Applies to devices for the connection of luminaires (DCL) intended for household and similar purposes, for the electrical connection of fixed luminaires of class I or class II to final circuits rated at not more than 16 A without mechanical support for the luminaires incorporated in the plug/outlet interface.</i>

SANS 61995-2:2026 Ed 2	Devices for the connection of luminaires for household and similar purposes Part 2: Standard sheets. <i>Applies to devices for the connection of luminaires (DCL) 250 V AC, 6 A intended for household and similar purposes, for the electrical connection of fixed luminaires.</i>
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If your organization is interested in participating in these committees, obtaining a copy of the draft or would like to send comments on draft documents, please send an e-mail to Dsscomments@sabs.co.za for more information or visit [SABS website](#)

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

Copies of the standards mentioned in this notice (Schedule B) 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.