

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 3600 OF 2025

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 10272-1:XXXX Ed 2	Microbiology of the food chain - Horizontal method for detection and enumeration of <i>Campylobacter</i> spp. Part 1: Detection method. <i>This standard specifies a horizontal method for the detection by enrichment or direct plating of <i>Campylobacter</i> spp. It is applicable to products intended for human consumption, products intended for animal feeding, environmental samples in the area of food and feed production, handling, and samples from the primary production stage such as animal faeces, dust, and swabs.</i>	2025-01-13
SANS 11290-1:XXXX Ed 2	Microbiology of the food chain - Horizontal method for the detection and enumeration of <i>Listeria monocytogenes</i> and of <i>Listeria</i> spp. -Part 1: Detection method. <i>This standard specifies a horizontal method for the detection of <i>L. monocytogenes</i>, and the detection of <i>Listeria</i> spp. (including <i>L. monocytogenes</i>). This document is applicable to products intended for human consumption and for the feeding of animals, and environmental samples in the area of food production and food handling.</i>	2025-01-13
SANS 21528-1:20XX Ed 2	Microbiology of the food chain - Horizontal method for the detection and enumeration of Enterobacteriaceae Part 1: Detection of Enterobacteriaceae. <i>This document specifies a method, with enrichment, for the detection of Enterobacteriaceae. It is applicable to products intended for human consumption and the feeding of animals, and environmental samples in the area of primary production, food production and food handling. This method is applicable when the microorganisms sought are expected to need resuscitation by enrichment, and when the number sought is expected to be below 100 per millilitre or per gram of test sample.</i>	2025-01-13
SANS 21528-2:20xx Ed 2	Microbiology of the food chain - Horizontal method for the detection and enumeration of Enterobacteriaceae Part 2: Colony-count technique. <i>This standard Specifies a method for the enumeration of Enterobacteriaceae.</i>	2025-01-13
SANS 6888-1:20XX Ed 2	Microbiology of the food chain - Horizontal method for the enumeration of coagulase-positive staphylococci (<i>Staphylococcus aureus</i> and other species) Part 1: Method using Baird-Parker agar medium. <i>This document specifies a horizontal method for the enumeration of coagulase-positive staphylococci by counting the colonies obtained on a solid medium (Baird-Parker medium) after aerobic incubation at 34 °C to 38 °C and coagulase confirmation. This document is applicable to: products intended for human consumption; products intended for animal feeding; environmental samples in the area of food and feed production, handling, and samples from the primary production stage.</i>	2025-01-13
SANS 6888-2:20XX Ed 2	Microbiology of the food chain - Horizontal method for the enumeration of coagulase-positive staphylococci (<i>Staphylococcus aureus</i> and other species) Part 2: Method using rabbit plasma fibrinogen agar medium. <i>This document specifies a horizontal method for the enumeration of coagulase-positive staphylococci by counting the colonies obtained on a solid medium (rabbit plasma fibrinogen agar medium) after aerobic incubation at 34 °C to 38 °C (see Reference. This document is applicable to:</i>	2025-01-13

	<i>¿ products intended for human consumption;</i> <i>¿ products intended for animal feeding;</i> <i>¿ environmental samples in the area of food and feed production and handling;</i> <i>¿ samples from the primary production stage.</i>	
SATR 63491:20xx Ed 1	Live working - Guidance for end users for the selection of personal protective equipment against the hazards of an electric arc. <i>This standard provides guidance for the selection, use and maintenance of electrical arc flash personal protective equipment.</i>	2025-01-13
SANS 6887-4:20XX Ed 2	Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination Part 4: Specific rules for the preparation of miscellaneous products. <i>This standard specifies rules for the preparation of samples and dilutions for the microbiological examination of specific food products not covered in other parts of ISO 6887, which deal with more general categories.</i>	2025-01-13
SANS 61951-1:20xx Ed 2	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Portable sealed rechargeable single cells Part 1: Nickel-cadmium. <i>This standard Specifies marking, designation, dimensions, tests and requirements for secondary sealed nickel-cadmium small prismatic, cylindrical and button cells and batteries, suitable for use in any orientation, for portable applications.</i>	2025-01-13
SANS 62642-1:20xx Ed 1	Alarm systems - Intrusion and hold-up systems - Part 1: System requirements. This standard specifies the requirements for Intrusion and Hold-up Alarm Systems (I&HAS) installed in buildings using specific or non-specific wired interconnections or wire-free interconnections. These requirements also apply to the components of an I&HAS installed in a building which are normally mounted on the external structure of a building e.g. ancillary control equipment or warning devices. The standard does not include requirements for exterior I&HAS.	2025-01-13
SATR 62933-4-200:20xx Ed 1	Electrical Energy Storage (EES) Systems - Part 4-200: Guidance on environmental issues - Greenhouse gas (GHG) emissions assessment by electrical energy storage (EES) systems. <i>This standard describes aspects on reduction of greenhouse gas (GHG) emissions associated with electrical energy storage systems (EES systems), and presents current practices, research activities and related researches in each country.</i>	2025-01-13
SANS 63330-1:20xx Ed 1	Repurposing of secondary batteries - Part 1: General requirements. <i>This standard provides general requirements for repurposing of secondary cells, modules, battery packs and battery systems, herein also referred to as "PRODUCT", that are originally manufactured for other applications such as electric vehicles.</i>	2025-01-13
SANS 60479-2:20xx Ed 3	Effects of current on human beings and livestock Part 2: Special aspects. <i>This standard describes the effects on the human body when a sinusoidal alternating current in the frequency range above 100 Hz passes through it.</i>	2025-01-13
SANS 62599-1:20xx Ed 1	Alarm systems - Part 1: Environmental test methods. <i>This standard specifies environmental test methods to be used for testing the system components of the following alarm systems, intended for use in and around buildings: a) access control systems, for security applications; b) alarm transmission systems; c) CCTV systems, for security applications; d) combined and/or integrated systems; e) intruder and hold-up alarm systems; f) remote receiving and/or surveillance centres; g) social alarm systems. It specifies three equipment classes (fixed, movable and portable equipment) and four environmental classes.</i>	2025-01-13
SANS 60335-2-12:20xx Ed 3	Household and similar electrical appliances - Safety Part 2-12: Particular requirements for warming plates and similar appliances. <i>This standard deals with the safety of electric warming plates, warming trays and similar appliances intended to keep food or vessels warm, for household and similar purposes, their rated voltage being not more than 250 V including direct current (DC) supplied appliances and battery-operated appliances.</i>	2025-01-13
SANS 61643-11:20xx Ed 2	Low-voltage surge protective devices Part 11: Surge protective devices connected to low-voltage power systems - Requirements and test methods. <i>This standard is applicable to devices for surge protection against indirect and direct effects of lightning or other transient overvoltages.</i>	2025-01-13
SANS 60479-1:20xx Ed 3	Effects of current on human beings and livestock Part 1: General aspects. <i>This part of IEC 60479 provides basic guidance on the effects of shock current on human beings and livestock.</i>	2025-01-13

SANS 62642-6:20xx Ed 1	Alarm systems - Intrusion and hold-up systems - Part 6: Power supplies. <i>This document specifies the requirements, performance criteria and testing procedures for power supplies (PS) to be used as part of Intrusion and Hold up Alarm Systems (I&HAS). The PS shall either be an integral part of an I&HAS component or standalone. The control functions of the PS may be incorporated as part of the PS device, or may be provided by another I&HAS component e.g. a control and indicating equipment (CIE).</i>	2025-01-13
SANS 2095:20XX Ed 1	Requirements for Buildings made from ISO Shipping Containers. <i>This standard Provides requirements for the design and construction of buildings constructed from ISO shipping containers.</i>	2025-01-13
SANS 8440:20XX Ed 1	Standard Specification for Food Safety and Quality of Hempseed Products Intended for Human Consumption. <i>1.1 In this specification, the maximum allowable e.coli, salmonella spp, yeast and mold, foreign material, and total delta-9 tetrahydrocannabinol (THC) content is established for major hempseed products intended for human consumption. It also establishes acceptable ranges for moisture, peroxide value, and free fatty acid content, which help maintain product shelf life.</i> <i>1.2 This specification establishes specifications for hempseed protein products to facilitate commerce, but is not a specification for consumer-facing labels, which are determined by authorities having jurisdiction and individual companies. It does not include devitalized hempseed.</i> <i>1.3 This specification applies to hemp food processors, food companies, wholesalers, regulatory bodies, and analytical laboratories.</i> <i>1.4 In this specification, the minimum information required in a Certificate of Analysis is described.</i> <i>1.5 Where aspects of this specification differ from regional regulatory jurisdictional requirements, the jurisdictional authority's directive shall take precedence.</i> <i>1.6 Units: The values stated in SI units are to be regarded as the standard. No other units of measurement are included in this standard.</i> <i>1.7 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.</i> <i>1.8 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>	2025-01-13
SANS 63218:20XX Ed 1	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium, nickel cadmium and nickel-metal hydride cells and batteries for portable applications - Guidance on environmental aspects. <i>This standard provides requirements and recommendations on environmental aspects of secondary lithium, nickel cadmium and nickel-metal hydride cells and batteries for portable applications (hereafter referred to as relevant secondary cells and batteries).</i>	2025-01-13
SANS 62642-2-3:20xx Ed 1	Alarm systems - Intrusion and hold-up systems - Part 2-3: Intrusion detectors - Microwave detectors. <i>This standard provides for security grades 1 to 4, specific or non-specific wired or wire-free detectors, and uses environmental classes I to IV. This standard does not include requirements for microwave detectors intended for use outdoors.</i>	2025-01-13
SANS 62642-2-6:20xx Ed 1	Alarm systems - Intrusion and hold-up systems - Part 2-6: Intrusion detectors - Opening contacts (magnetic). <i>This standard provides for security grades 1 to 4, specific or non-specific wired or wirefree opening contacts (magnetic), and includes the requirements for four environmental classes covering applications in internal and outdoor locations.</i>	2025-01-13
SANS 18593:20XX Ed 2	Microbiology of the food chain - Horizontal methods for surface sampling. <i>This standard specifies horizontal methods for sampling techniques using contact plates, stick swabs, sponges and cloths on surfaces in the food chain environment in order to detect and enumerate culturable microorganisms such</i>	2025-01-13

	<i>as pathogenic or non-pathogenic bacteria or yeasts and moulds.</i>	
SANS 6887-1:XXXX Ed 2	Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination Part 1: General rules for the preparation of the initial suspension and decimal dilutions. <i>This standard defines general rules for the aerobic preparation of the initial suspension and of dilutions for microbiological examinations of products intended for human or animal consumption.</i>	2025-01-13
SANS 6887-2:XXXX Ed 2	Microbiology of the food chain - Preparation of test samples, initial suspension and decimal dilutions for microbiological examination Part 2: Specific rules for the preparation of meat and meat products. This standard specifies rules for the preparation of meat and meat product samples and their suspension for microbiological examination when the samples require different preparation from the methods described in ISO 6887-1.	2025-01-13
SANS 1539:20XX□ Ed 6	Appliances operating on liquefied petroleum gas (LPG) or natural gas (NG) - Safety aspects. 1.1 <i>This standard covers the safety aspects of appliances that operate on liquefied petroleum gas (LPG), natural gas (NG), or biogas at a consumption rate not exceeding 10 kg/h for appliances operating on LPG and 500 MJ/h (140 kWh) for appliances operating on NG and biogas.</i> 1.2 <i>This standard also covers appliances where the gas supply is direct from a non-refillable cartridge</i>	2025-01-13
SATR 61850-7-6:20xx Ed 2	Communication networks and systems for power utility automation -Part 7-6: Guideline for definition of Basic Application Profiles (BAPs) using IEC 61850. <i>Focuses on building application / function profiles and specifies a methodology to define Basic Application Profiles (BAPs), in textual documents (edition 1, 2019) or in a machine processable SCL format (current edition).</i>	2025-01-13
SANS 8273:20XX Ed 1	Standard Terminology Relating to Cannabis. 1.1 <i>This terminology is a compilation of definitions of technical terms used in the cannabis industry. Terms that are generally understood or adequately defined in other readily available sources are not included.</i> 1.2 <i>When a term is used in an ASTM document for which Committee D37 is responsible it is included only when judged, after review by Subcommittee D37.91, to be a generally usable term.</i> 1.3 <i>Definitions that are identical to those published by other ASTM committees or other standards organizations are identified with the committee number (for example, D20) or with the abbreviation of the name of the organization (for example, IUPAC, International Union of Pure and Applied Chemistry).</i> 1.4 <i>A definition is a single sentence with additional information included in discussions.</i> 1.5 <i>Definitions are followed by the committee responsible for the standard(s) (for example, [D37.01]) and standard designation(s) in which they are used (for example, D8219).</i> 1.6 <i>Abbreviated Terminology:</i> 1.6.1 <i>Abbreviated terminology is intended to provide uniform contractions of terms relating to cannabis that have evolved through widespread common usage. The compilation in this standard has been prepared to avoid the occurrence of more than one abbreviated term for a given cannabis term and to avoid multiple meanings for abbreviated terms.</i> 1.6.2 <i>The abbreviated terminology and descriptions in this standard are intended to be consistent with usage in the cannabis industry and the standards under D37 jurisdiction. Other ASTM committees may assign a different word-phrase description to the same abbreviated terminology. In such cases, the abbreviated terms in this standard shall apply to usage in D37 standards, or if widespread</i>	2025-01-13

	<p><i>misunderstanding could result from conflicting abbreviated terminology descriptions, the abbreviated terminology for the word-phrase shall not be used in D37 standards.</i></p> <p><i>1.6.3 Acronyms and Initialisms: A word formed from the letters or parts of words of a longer word-</i></p>	
SANS 8417:20XX Ed 1	<p>Standard Guide for Sampling of Hempseed Intended for Human Consumption.</p> <p><i>1.1 This guide covers recommended steps used in collection of a representative field sample of bulk hempseed intended for human consumption.</i></p> <p><i>1.2 This guide applies to plant breeders, hempseed producers/farmers, seed cleaners, storage facilities, laboratories, and processors who handle bulk hempseed.</i></p> <p><i>1.3 Units: The values stated in SI units are to be regarded as standard. No other units of measurement are included in this standard.</i></p> <p><i>1.4 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.</i></p> <p><i>1.5 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></p>	2025-01-13
SATR 62271-307:20XX□ Ed 2	<p>High-voltage switchgear and controlgear - Part 307: Guidance for the extension of validity of type tests of AC metal and solid-insulation enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV. <i>This standard refers to prefabricated metal-enclosed and solid-insulation enclosed (both hereinafter called enclosed) switchgear and controlgear assemblies for alternating current of rated voltages above 1 kV and up to and including 52 kV as specified in IEC 62271-200 (published in South Africa as an identical adoption under the designation SANS 62271-200) and IEC 62271-201 (published in South Africa as an identical adoption under the designation SANS 62271-201), and to other equipment included in the same enclosure with any possible mutual influence.</i></p>	2025-01-13
SANS 63402-1:20xx Ed 1	<p>Energy Efficiency - Customer Energy Management Systems - Part 1: General Requirements and Architecture. <i>This standard specifies general requirements and the architecture between the Point of Common Coupling (PCC) and smart devices (SD) operating within the Smart Grid premises-side system (i.e. residential or commercial but not industrial premises).</i></p>	2025-01-13
SANS 62052-31:20XX Ed 2	<p>Electricity metering equipment - General requirements, tests and test conditions - Part 31: Product safety requirements and tests. <i>This standard specifies general safety requirements and associated tests, with their appropriate conditions for type testing of directly connected, transformer-operated or transducer-operated AC and DC electricity meters and load control equipment.</i></p>	2025-01-13
SANS 8433:20xx Ed 1	<p>Standard Specification for Food Safety and Quality of Hempseed Intended for Dehulling or Oil Extraction Food Purposes. <i>This standard establishes the maximum allowable E. coli and Salmonella microbial levels, moisture content, peroxide value (PV), free fatty acid (FFA) content, yeast and mold levels, representative heavy metals, total coliforms, foreign material, and discoloration for hempseed intended for human consumption.</i></p>	2025-01-13
SANS 60079-14:20xx Ed 1	<p>Explosive atmospheres Part 14: Electrical installations design, selection and erection. <i>Contains the specific requirements for the design of electrical systems, selection, installation and the required initial inspection of electrical installations of Ex Equipment in, or associated with, explosive atmospheres including requirements for documentation and personnel competency.</i></p>	2025-01-13

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 242:XXXX Ed 5.1	<i>Stainless steel sinks with draining boards (for domestic use)</i>	Amended to delete the annex on notes to purchasers.	2025-01-13
SANS 556-2-3:20XX Ed 1.2	<i>Low-voltage switchgear Part 2-3: Modular earth leakage devices (without integral current breaking)</i>	Amended to update referenced standards. □	2025-01-13
SANS 1567:20XX Ed 2.4	<i>Portable rechargeable fire extinguishers - CO2 type extinguishers</i>	Amended to update referenced standards, and the requirements in the clause on inspection and methods of test	2025-01-13
SANS 3001AG2:20XXXX Ed 1.1	<i>Civil engineering test methods Part AG2: Determination of the average least dimension of aggregates by direct measurement</i>	Amended to update the introduction and referenced standards.	2025-01-13
SANS 924:XXXX Ed 3.1	<i>Stainless steel stall urinals.</i>	Amended to delete the annex on notes to purchasers.	2025-01-13
SANS 556-1:20XX Ed 1.3	<i>Low-voltage switchgear Part 1: Circuit-breakers</i>	Amended to update referenced standards	2025-01-13
SANS 556-2-1:20XX Ed 1.2	<i>Low-voltage switchgear Part 2-1: Earth leakage circuit-breakers</i>	Amended to update referenced standards.	2025-01-13

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 2098:2025 Ed 1	Scouring compounds. <i>Specifies requirements and methods of test for three types of scouring compounds for the removal of tenacious soil from hard surfaces and kitchen utensils.</i>
SANS 2341:2025 Ed 1	Essential oil of Lippia Javanica. <i>Applies to essential oil of Lippia javanica used in cosmetics and personal hygiene</i>
SANS 3093:2025 Ed 1	Organic chlorine bleach. <i>Covers organic chlorine bleaches for use in laundries.</i>
SANS 10318-1:2025 Ed 1	Geosynthetics - Part 1: Terms and definitions. <i>Defines terms related to functions, products, properties, and other terms used in EN and ISO geosynthetics International Standards.</i>
SANS 10318-2:2025 Ed 1	Geosynthetics - Part 2: Symbols and pictograms. <i>Defines property symbols, graphical symbols, and pictograms used in EN and ISO geosynthetics standards.</i>
SANS 21857:2025 Ed 1	Petroleum, petrochemical and natural gas industries - Prevention of corrosion on pipeline systems influenced by stray currents. <i>Establishes the general principles for the evaluation and minimization of the effects of stray current corrosion on external surfaces of buried or immersed pipeline systems caused by AC and DC electrical interference.</i>
SANS 31031:2025 Ed 1	Managing risk for youth and school trips. <i>Gives guidance on managing risk for youth and school trips for both domestic and international travel with specific attention to minors.</i>
SATS 31050:2025 Ed 1	Risk management - Guidelines for managing an emerging risk to enhance resilience. <i>Gives guidance on managing emerging risks that an organization can face.</i>

Standard No. and year	Title, scope and purport
SANS 33406:2025 Ed 1	Approaches for the production of reference materials with qualitative properties. <i>Notes the requirements of ISO 17034 (adopted in South Africa as an identical adoption under the designation SANS 17034) and provides guidance on the implementation of ISO 17034 (adopted in South Africa as an identical adoption under the designation SANS 17034) in the production of RMs having one or more assigned qualitative property values, for expressing uncertainties for qualitative property values, and for establishing traceability.</i>
SANS 37004:2025 Ed 1	Governance of organizations -Governance maturity model – Guidance. <i>Provides guidance on evaluating the establishment of governance conditions and on the application of governance principles with consideration for the ISO 37000 key aspects of practice.</i>
SANS 60364-4-43:2025 Ed 1	Low-voltage electrical installations - Part 4-43: Protection for safety - Protection against overcurrent. <i>Provides requirements for:</i> - protection of live conductors, PEN conductors, PEM conductors, and PEL conductors against the harmful effects caused by overcurrent; - coordination of measures for protection against overcurrent.
SANS 60364-4-42:2025 Ed 1	Low-voltage electrical installations - Part 4-42: Protection for safety - Protection against thermal effects. <i>Applies to electrical installations with regard to measures for the protection of persons, livestock and property against:</i> a) thermal effects, risk of combustion or degradation of materials, and risk of burns caused by electrical equipment, b) flames in case of a fire hazard being propagated from electrical installations to other fire compartments segregated by barriers which are in the vicinity, and c) the impairment of the safe functioning of electrical equipment, including safety services due to thermal effects.
SANS 60364-4-41:2025 Ed 1	Low voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock. <i>Specifies essential requirements regarding protection against electric shock of persons and livestock.</i>
SANS 60884-2-8:2025 Ed 1	Plugs and socket-outlets for household and similar purposes - Part 2-8: Particular requirements for socket-outlets for furniture. <i>Applies to socket-outlets for furniture for AC only, with or without earthing contact, with or without supply cable, with a rated voltage greater than 50 V but not exceeding 440 V and a rated current not exceeding 32 A, intended for household and similar purposes, either indoors or outdoors. Covers socket-outlets for furniture which are intended to be built into or fixed into furniture and are not intended to be moved from one place to another without removing the fixing means. Covers socket-outlets for furniture which are intended to be connected to the electrical installation either permanently, for example by means of an installation coupler according to IEC 61535 (published in South Africa as an identical adoption under the designation SANS 61535), or non-permanently by means of a plug.</i>
SANS 61158-2:2025 Ed 1	Industrial communication networks - Fieldbus specifications Part 2: Physical layer specification and service definition. <i>Specifies the requirements for fieldbus component parts. Specifies the media and network configuration requirements necessary to ensure agreed levels of</i> a) data integrity before data-link layer error checking; b) interoperability between devices at the physical layer.
SATS 62271-316:2025 Ed 1	High-voltage switchgear and controlgear - Part 316: Direct current by-pass switches and paralleling switches. <i>Directs current (DC) by-pass switches (BPS) and paralleling switches (PS) designed for indoor or outdoor installation and for operation on HVDC transmission systems having direct voltages of 100 kV and above.</i>
SATS 62271-315:2025 Ed 1	High-voltage switchgear and controlgear - Part 315: Direct current (DC) transfer switches. <i>Applies to direct current (DC) transfer switches designed for indoor or outdoor installation and for operation on HVDC transmission systems having direct voltages of 100 kV and above.</i>

Standard No. and year	Title, scope and purport
SATS 62271-318:2025 Ed 1	High-voltage switchgear and controlgear - Part 318: DC gas-insulated metal-enclosed switchgear for rated voltages including and above 100 kV. <i>Specifies requirements for gas-insulated metal-enclosed switchgear in which the insulation is obtained, at least partly, by an insulating gas or gas mixture other than air at atmospheric pressure, for direct current of rated voltages including and above 100 kV, for indoor and outdoor installation.</i>
SATS 62271-320:2025 Ed 1	High-voltage switchgear and controlgear - Part 320: Environmental aspects and life cycle assessment rules for high-voltage switchgear and controlgear. <i>Provides guidance to suppliers, manufacturers, users, and waste operators of high-voltage switchgear and controlgear as well as their assemblies having a rated voltage above 1 kV AC and 1,5 kV DC, together with their associated auxiliary equipment, on environmentally conscious design, and on assessing environmental impacts when used in systems.</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 80:2025 Ed 4.01	Mass (oven-dry plus conventional allowance) per unit area of textile fabrics, free from non-fibrous material. Specifies a method for the evaluation of the mass per unit area of textile fabrics.
SANS 422:2025 Ed 5.02	Hospital nurses' shoes (Goodyear welted construction). <i>Applicable to six types of hospital nurses' shoes made in accordance with the Goodyear welted principle. They shall be of one of the following types as required:</i> <i>a) type 1: lace-up shoes with calf leather uppers;</i> <i>b) type 2: lace-up shoes with glacé kid leather uppers;</i> <i>c) type 3: lace-up shoes with side leather uppers;</i> <i>d) type 4: slip-on shoes with calf leather uppers;</i> <i>e) type 5: slip-on shoes with glacé kid leather uppers; or</i> <i>f) type 6: slip-on shoes with side leather uppers.</i>
SANS 441:2025 Ed 1.03	Timber preservative - Mixture of azoles and permethrin. <i>Specifies the requirements for the ready-to-use mixture of azoles (tebuconazole and propiconazole) and permethrin, in a liquid form for use as a timber preservative.</i>
SANS 506:2025 Ed 1.03	Timber preservative - Alkaline-copper-quaternary type. <i>Timber preservative - Alkaline-copper-quaternary type</i>
SANS 1150:2025 Ed 2.05	Glass-reinforced polyester (GRP) laminated sheets (profiled or flat). <i>Covers the requirements for two types of profiled or flat sheets made from glass-reinforced polyester (GRP) resin laminates.</i>
SANS 1246:2025 Ed 1.01	Polypropylene grain bags. <i>Covers the requirements for two types of bags made from slip-resistant tubular woven fabric (of which polypropylene yarns are the major component) and that are suitable for use for the handling, transportation and storage of whole grain (maize) and milled grain (maize meal).</i>
SANS 1329-1:2025 Ed 2.06	Retro-reflective and fluorescent warning signs for road vehicles Part 1: Triangles. <i>Covers requirements for two types of triangles that are retro reflective and fluorescent and are intended to be carried in motor vehicles operating on public roads.</i>

SANS 1329-2:2025 Ed 2.07	Retro-reflective and fluorescent warning signs for road vehicles Part 2: Abnormal load vehicle signs. <i>Covers requirements for abnormal load signs that are retro-reflective and fluorescent, and that are intended for use on motor vehicles operating on public roads.</i>
SANS 1329-4:2025 Ed 4.02	Retro-reflective and fluorescent warning signs for road vehicles Part 4: Retro-reflective chevron signs and decals. <i>Specifies requirements for retro-reflective chevron signs that incorporate a substrate and chevron decals that are intended for use on motor vehicles that operate on public roads.</i>
SANS 1401 (PARTS 1-15):2025 Ed 2.02	Woven cotton and similar household fabrics and articles Parts 1 - 15, bound together, loose-leaf. <i>SANS 1401 covers the definitions, basic requirements, requirements for packing, labelling, marking, and the inspection and testing of woven cotton and similar household fabric piece-goods and made-up articles. Specific requirements are covered by the relevant individual parts of SANS 1401.</i>
SANS 1401-1:2025 Ed 2.02	Woven cotton and similar household fabrics and articles Part 1: Basic requirements for piece-goods and made-up articles. <i>Covers the definitions, basic requirements, requirements for packing, labelling, marking, and the inspection and testing of woven cotton and similar household fabric piece-goods and made-up articles.</i>
SANS 1401-2:2025 Ed 2.02	Woven cotton and similar household fabrics and articles Part 2: Winter sheeting, sheets and pillowcases. <i>Covers the specific requirements of three types of raised sheeting fabric, and articles in the form of winter sheets and pillowcases.</i>
SANS 1401-3:2025 Ed 2.02	Woven cotton and similar household fabrics and articles Part 3: Cotton sheeting, sheets, and pillowcases. <i>This part of SANS 1401 covers the specific requirements of four types of cotton sheeting fabric and articles in the form of sheets and pillowcases.</i>
SANS 1401-4:2025 Ed 2.02	Woven cotton and similar household fabrics and articles Part 4: Polyester-and-cotton sheeting, sheets and pillowcases. <i>This part of SANS 1401 covers the specific requirements of six types of polyester-and-cotton sheeting fabric, and articles in the form of sheets and pillowcases.</i>
SANS 1401-5:2025 Ed 2.02	Woven cotton and similar household fabrics and articles Part 5: Terry towelling, towels, and other terry weave articles. <i>This part of SANS 1401 covers the specific requirements of five types of cotton terry towelling fabric, and articles in the form of bibs, face cloths, napkins, towels and bathmats.</i>
SANS 1401-6:2025 Ed 2.02	Woven cotton and similar household fabrics and articles Part 6: Cotton curtain fabrics. <i>This part of SANS 1401 covers the specific requirements of two types of cotton fabric suitable for curtaining.</i>
SANS 1401-7:2025 Ed 2.02	Woven cotton and similar household fabrics and articles Part 7: Cotton curtain lining. <i>This part of SANS 1401 covers the specific requirements of two types of cotton fabric suitable for curtain linings.</i>
SANS 1401-8:2025 Ed 2.02	Woven cotton and similar household fabrics and articles Part 8: Bedspread fabrics and bedspreads. <i>This part of SANS 1401 covers the specific requirements of three types of cotton fabrics and articles in the form of bedspreads.</i>
SANS 1401-9:2025 Ed 2.02	Woven cotton and similar household fabrics and articles Part 9: Cotton flannelette duster fabric and dusters. <i>This part of SANS 1401 covers the specific requirements of one type of cotton flannelette fabric and articles in the form of dusters.</i>
SANS 1401-10:2025 Ed 2.02	Woven cotton and similar household fabrics and articles Part 10: Cotton ticking. <i>This part of SANS 1401 covers the specific requirements of two types of cotton fabric suitable for mattress ticking.</i>
SANS 1401-11:2025 Ed 2.02	Woven cotton and similar household fabrics and articles Part 11: Featherproof fabrics. <i>This part of SANS 1401 covers the specific requirements of two types of cotton fabric suitable for use in the manufacture of feather pillows.</i>
SANS 1401-12:2025 Ed 2.02	Woven cotton and similar household fabrics and articles Part 12: Kitchen cloth fabric and kitchen cloths. <i>This part of SANS 1401 covers the specific requirements of four types of cotton kitchen cloth fabric, and made-up kitchen cloths.</i>
SANS 1401-13:2025 Ed 2.02	Woven cotton and similar household fabrics and articles Part 13: Cotton huckaback towelling and towels. <i>Woven cotton and similar household fabrics and articles Part 13: Cotton huckaback towelling and towels</i>

SANS 1401-14:2025 Ed 2.02	Woven cotton and similar household fabrics and articles Part 14: Cotton table-cloth fabric, table-cloths, and table napkins. <i>This part of SANS 1401 covers the specific requirements of three types of cotton fabric, and articles in the form of table-cloths and table napkins.</i>
SANS 1401-15:2025 Ed 2.02	Woven cotton and similar household fabrics and articles Part 15: Cotton dishcloth fabrics and dishcloths. <i>This part of SANS 1401 covers the specific requirements of three types of cotton fabric, and articles in the form of dishcloths.</i>
SANS 1900:2025 Ed 1.03	Monoplanar prefabricated timber roof trusses (nail-plated). Specifies requirements for monoplanar prefabricated timber roof trusses assembled with nail plates.

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 1525:2025 Ed 2	Geosynthetics - Wide-width tensile test. <i>Specifies an index test method for the determination of the tensile properties of geosynthetics (polymeric, glass and metallic), using a wide-width strip.</i>
SANS 3088:2025 Ed 2	Water Efficiency in buildings. <i>Provides minimum requirements for plumbing fixtures and fittings and for water usage in buildings.</i>
SANS 4136:2025 Ed 3	Destructive tests on welds in metallic materials - Transverse tensile test. <i>Specifies the sizes of test specimen and the procedure for carrying out transverse tensile tests to determine the tensile strength and the location of fracture of a welded butt joint. This document applies to metallic materials in all forms of product with joints made by any welded butt joint.</i>
SANS 4706:2025 Ed 3	Gas cylinders - Refillable welded steel cylinders - Test pressure 60 bar and below. <i>Specifies the minimum requirements concerning material selection, design, construction and workmanship, procedure, and test at manufacture of refillable welded-steel gas cylinders of water capacities from 0,5 L up to and including 150 L and drums of water capacities of 150 L to 500 L of a test pressure not greater than 60 bar1), exposed to extreme worldwide temperatures (-50 degree celsius to +65 degree celsius) used for compressed, liquefied or dissolved gases.</i>
SANS 10400-S:2025 Ed 4	The application of the National Building Regulations Part S: Facilities for persons with disabilities. <i>Provides deemed-to-satisfy and performance requirements for compliance with part S (Facilities for Persons with Disabilities) of the National Building Regulations.</i>
SANS 11770-2:2025 Ed 3	IT Security techniques - Key management Part 2: Mechanisms using symmetric techniques. <i>defines key establishment mechanisms using symmetric cryptographic techniques</i>
SANS 11770-3:2025 Ed 4	Information Security - Key management Part 3: Mechanisms using asymmetric techniques. <i>Defines key management mechanisms based on asymmetric cryptographic techniques.</i>
SANS 11770-4:2025 Ed 2	Information technology - Security techniques - Key management Part 4: Mechanisms based on weak secrets. <i>Defines key establishment mechanisms based on weak secrets, i.e. secrets that can be readily memorized by a human, and hence, secrets that will be chosen from a relatively small set of possibilities.</i>
SANS 11770-5:2025 Ed 2	Information security - Key management - Part 5 Group Key management. <i>Specifies mechanisms to establish shared symmetric keys between groups of entities.</i>
SANS 15589-1:2025 Ed 2	Petroleum, petrochemical and natural gas industries - Cathodic protection of pipeline systems Part 1: On-land pipelines. <i>Specifies requirements and gives recommendations for the pre-installation surveys, design, materials, equipment, installation, commissioning, operation, inspection, and maintenance of cathodic protection systems for on-land pipelines, as defined in ISO 13623 or EN 14161 for the petroleum, petrochemical, and natural gas industries, and in EN 1594 or EN 12007-1 and EN 12007-3 used by gas supply industries in Europe.</i>

SANS 15589-2:2025 Ed 2	Oil and gas industries including lower carbon energy - Cathodic protection of pipeline transportation systems Part 2: Offshore pipelines. <i>Specifies requirements and gives recommendations for the pre-installation surveys, design, materials, equipment, fabrication, installation, commissioning, operation, inspection and maintenance of cathodic protection (CP) systems for offshore pipelines for the petroleum, petrochemical and natural gas industries as defined in ISO 13623.</i>
SANS 18000-4:2025 Ed 3	Information technology - Radio frequency identification for item management Part 4: Parameters for air interface communications at 2,45 GHz. <i>Defines the air interface for radio frequency identification (RFID) devices operating in the 2,45 GHz industrial, scientific, and medical (ISM) band used in item management applications.</i>
SANS 19115-2:2025 Ed 2	Geographic information - Metadata Part 2: Extensions for acquisition and processing. <i>Extends ISO 19115-1:2014 (published in South Africa as an identical adoption under the designation SANS 19115-1) by defining the schema required for an enhanced description of the acquisition and processing of geographic information, including imagery.</i>
SANS 19116:2025 Ed 2	Geographic information - Positioning services. <i>Specifies the data structure and content of an interface that permits communication between position-providing device(s) and position-using device(s) enabling the position-using device(s) to obtain and unambiguously interpret position information and determine, based on a measure of the degree of reliability, whether the resulting position information meets the requirements of the intended use.</i>
SANS 19144-2:2025 Ed 2	Geographic information- Classification systems - Part 2 Land cover Meta Language(LCML). <i>Specifies a Land Cover Meta Language (LCML) expressed as a UML metamodel that allows different Land Cover classification systems to be described based on physiognomic aspects.</i>
SANS 60332-3-21:2025 Ed 2	Tests on electric cables under fire conditions Part 3-21: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category A F/R. <i>Specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.</i>
SANS 60332-3-23:2025 Ed 2	Tests on electric and optical fibre cables under fire conditions Part 3-23: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category B. <i>Specifies methods of test for the assessment of vertical flame spread of vertically-mounted bunched wires or cables, electrical or optical, under defined conditions.</i>
SANS 60670-1:2025 Ed 3	Boxes and enclosures for electrical accessories for household and similar fixed electrical installations Part 1: General requirements. <i>Applies to boxes, enclosures and parts of enclosures (hereafter called "boxes" and "enclosures") for electrical accessories with a rated voltage not exceeding 1 000 V AC and 1 500 V DC intended for household or similar fixed electrical installations, either indoors or outdoors.</i>
SANS 1615:2025 Ed 3	Disinfectants based on glutaraldehyde for domestic, industrial and institutional use. <i>Specifies requirements for two types of disinfectants based on glutaraldehyde and intended for domestic, industrial and institutional use.</i>
SANS 1658:2025 Ed 3	Ballistic resistance of body armour. <i>Specifies the minimum performance requirements for the ballistic resistance of body armour intended to protect the wearer's torso against gunfire.</i>
SA SANS 162:2025 Ed 4	Gas cylinders – Vocabulary. <i>Defines terms for gas cylinders.</i>
SANS 199:2025 Ed 4	Shut-off valves for transportable, refillable liquefied petroleum gas cylinders. <i>Specifies the requirements for the design, specification and type testing of dedicated liquefied petroleum gas (LPG) cylinder valves specifically for use with transportable refillable LPG cylinders from 0,5 L up to and including 150 L water capacity.</i>
SANS 60670-21:2025 Ed 2	Boxes and enclosures for electrical accessories for household and similar fixed electrical installations Part 21: Particular requirements for boxes and enclosures with provision for suspension means. <i>Applies to boxes and enclosures for ceiling and wall mounting with provision for suspension means.</i>
SANS 60670-22:2025 Ed 2	Boxes and enclosures for electrical accessories for household and similar fixed electrical installations Part 22: Particular requirements for connecting boxes and enclosures. <i>Applies to junction connecting boxes or tapping connecting boxes or both.</i>
SANS 60670-24:2025 Ed 3	Boxes and enclosures for electrical accessories for household and similar fixed electrical installations Part 24: Particular requirements for enclosures for housing protective devices and other power dissipating electrical equipment. <i>Applies to enclosures and parts of them for housing protective devices and other power dissipating electrical equipment intended to be used with a rated voltage not exceeding 400 V and a total incoming load current not exceeding 125 A for household and similar fixed electrical installations.</i>

SANS 60884-2-2:2025 Ed 3	Plugs and socket-outlets for household and similar purposes Part 2-2: Particular requirements for socket-outlets for appliances. <i>Applies to socket-outlets for a.c. only, with or without earthing contact, with a rated voltage not exceeding 250 V and a rated current not exceeding 16 A, which are integrated or intended to be incorporated in or fixed to appliances.</i>
SANS 60884-2-3:2025 Ed 3	Plugs and socket-outlets for household and similar purposes Part 2-3: Particular requirements for switched socket-outlets without interlock for fixed installations. <i>Applies to switched socket-outlets without interlock, for fixed installation, for AC only, with or without earthing contact, with a rated voltage not exceeding 440 V and a rated current not exceeding 32 A, intended for household and similar purposes, either indoors or outdoors. Applies to socket-outlets controlled by a manually operated mechanical switch.</i>
SANS 60884-2-6:2025 Ed 2	Plugs and socket-outlets for household and similar purposes Part 2-6: Particular requirements for switched socket-outlets with interlock for fixed electrical installations. <i>Applies to switched socket-outlets with interlock for AC only, for fixed electrical installations, with or without earthing contact, with rated voltage above 50 V but not exceeding 440 V and a rated current not exceeding 32 A, intended for household and similar purposes, either indoors or outdoors.</i>
SANS 60884-2-7:2025 Ed 2	Plugs and socket-outlets for household and similar purposes Part 2-7: Particular requirements for cord extension setst. <i>Applies to cord extension sets, rewirable and non-rewirable, with or without earthing contact, with a rated voltage greater than 50 V but not exceeding 440 V and a rated current not exceeding 16 A, intended for household and similar purposes, either indoors or outdoors. Applies to cord extension sets which are intended to be used in a cable reel, and which therefore become cable reels with a detachable flexible cable.</i>
SANS 60947-2:2025 Ed 6	Low-voltage switchgear and controlgear Part 2: Circuit-breakers. <i>Applies to circuit-breakers, intended to be installed and operated by instructed or skilled persons, the main contacts of which are intended to be connected to circuits, the rated voltage of which does not exceed 1 000 V AC or 1 500 VC.</i>

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](http://SABSwebsite)

SCHEDULE 5: ADDRESS OF THE SOUTH AFRICAN BUREAU OF STANDARDS HEAD OFFICE

Copies of the standards mentioned in this notice can be obtained from the Head Office of the South African Bureau of Standards at 1 Dr Lategan Road, Groenkloof, Private Bag X191, Pretoria 0001.