

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 4147 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 18032:20xx Ed 2	Information security - Prime number generation. <i>Specifies methods for generating and testing prime numbers as required in cryptographic protocols and algorithms.</i>	2026-11-10
SANS 12792:20xx Ed 1	Information technology - Artificial intelligence (AI) - Transparency taxonomy of AI systems. <i>Specifies a taxonomy of information elements to assist AI stakeholders with identifying and addressing the needs for transparency of AI systems.</i>	2026-11-10
SANS 24760-1:XXXX Ed 2	Information security, cybersecurity and privacy protection - A framework for identity management Part 1: Core concepts and terminology. <i>Defines the core terminology and concepts essential to identity management in the context of information security, cybersecurity and privacy protection.</i>	2026-11-10
SANS 24760-2:XXXX Ed 1	Information security, cybersecurity and privacy protection - A framework for identity management Part 2: Reference architecture and requirements. <i>Defines the reference architecture and system requirements for implementing identity management frameworks in information systems.</i>	2026-11-10
SANS 24760-3:XXXX Ed 1	Information security, cybersecurity and privacy protection - A framework for identity management Part 3: Practice. <i>Defines the practical guidance and requirements for managing identity information and ensuring that identity management systems conform to established frameworks, specifically ISO/IEC 24760-1 (core concepts) and ISO/IEC 24760-2 (reference architecture).</i>	2026-11-10
SANS 254:XXXX Ed 3	Earth-moving machinery - Wheeled machines - Steering requirements. <i>Covers the steering system tests and performance criteria for evaluating the steering capability of rubber-tyred self-propelled earth-moving machines.</i>	2026-11-10
SANS 2620-1:20xx Ed 1	Artificial intelligence - Data quality for analytics and machine learning (ML) Part 1: Overview, terminology, and examples. <i>Provides an overview, terminology, and illustrative examples to help organizations understand and apply the entire series effectively.</i>	2026-11-10
SANS 2620-2:20xx Ed 1	Artificial intelligence - Data quality for analytics and machine learning (ML) Part 2: Data quality measures. <i>Defines a data quality model and a set of measurable characteristics to help organisations assess and report on data quality in the context of analytics and machine learning (ML).</i>	2026-11-10
SANS 2620-3:20xx Ed 1	Artificial intelligence - Data quality for analytics and machine learning (ML) Part 3: Data quality management requirements and guidelines. <i>Defines the requirements and guidance for managing the quality of data used in analytics and machine learning (ML).</i>	2026-11-10
SANS 2620-5:20xx Ed 1	Artificial intelligence - Data quality for analytics and machine learning (ML) Part 5: Data quality governance framework. <i>Provides a governance framework to help organisations oversee and direct data quality for analytics and machine learning (ML).</i>	2026-11-10
SANS 27006-1:XXXX Ed 1	Information security, cybersecurity and privacy protection - Requirements for bodies providing audit and certification of information security management systems - Part 1: General. <i>Specifies the additional requirements for bodies that audit and certify</i>	2026-11-10

	<i>information security management systems (ISMS) in accordance with ISO/IEC 27001.</i>	
SANS 60364-7-725:202x Ed 1	Low-voltage electrical installations - Part 7-725: Requirements for special installations or locations - Resilient power supply system. <i>Provides additional requirements for the design, erection and verification of electrical installations applicable for resilient power supply systems that must be operational in a time of disaster. It specifies additional requirements for generating sets, a circuit concerning external generating sets, and circuits of an installation to be supplied so as to prevent or limit the effects of a natural disaster such as earthquake, flood damage, or wind hazard (e.g. tropical cyclone such as hurricane, typhoon).</i>	2026-11-10
SANS 60793-1-1:XXXX Ed 4	Optical fibres Part 1-1: Measurement methods and test procedures - General and guidance. <i>Lists and gives guidance on the use of documents giving uniform requirements for measuring and testing optical fibres, thereby assisting in the inspection of fibres and cables for commercial (mostly telecommunications) purposes.</i>	2026-11-10
SANS 60793-1-22:20xx Ed 2	Optical fibres Part 1-22: Measurement methods and test procedures - Length measurement. <i>Outlines uniform measurement methods for determining the length and elongation of optical fibers, typically within a cable.</i>	2026-11-10
SANS 60793-1-47:XXXX Ed 4	Optical fibres Part 1-47: Measurement methods and test procedures - Macrobending loss. <i>Sets global rules for testing macrobending loss, fiber winding, and quarter circle bends in optical fibers.</i>	2026-11-10
SANS 60793-1-49:XXXX Ed 3	Optical fibres Part 1-49: Measurement methods and test procedures - Differential mode delay. <i>Specifies measurement methods and test procedures for differential mode delay (DMD) in multimode, graded-index glass-core (category A1) optical fibres.</i>	2026-11-10
SANS 60793-1-50:20xx Ed 2	Optical fibres Part 1-50: Measurement methods and test procedures - Damp heat (steady state) tests. <i>Provides a practical method for evaluating fibre performance in a defined environment.</i>	2026-11-10
SANS 60793-1-51:20xx Ed 2	Optical fibres - Part 1-51: Measurement methods and test procedures - Dry heat (steady state) tests. <i>Provides a practical method for evaluating fibre performance in a defined environment.</i>	2026-11-10
SANS 60793-1-52:20xx Ed 2	Optical fibres Part 1-52: Measurement methods and test procedures - Change of temperature. <i>Defines the uniform requirements and measurement methods for assessing how optical fibres perform under varying temperatures</i>	2026-11-10
SANS 60793-1-53:20xx Ed 2	Optical fibres Part 1-53: Measurement methods and test procedures - Water immersion test. <i>Defines a water immersion test method for optical fibres</i>	2026-11-10
SANS 60793-1-54:20xx Ed 2	Optical fibres Part 1-54: Measurement methods and test procedures - Gamma irradiation. <i>Specifies a laboratory testing method to measure the steady-state response and Radiation-Induced Attenuation (RIA) of optical fibres and cables when exposed to gamma radiation</i>	2026-11-10
SANS 60794-2-11:20xx Ed 2	Optical fibre cables Part 2-11: Indoor cables - Detailed specification for simplex and duplex cables for use in premises cabling. <i>Presents the detailed requirements specific to this type of cable to ensure compatibility with the series of International Standards ISO/IEC 11801.</i>	2026-11-10
SANS 60794-2:20xx Ed 3	Optical fibre cables Part 2: Indoor cables - Sectional specification. <i>Specifies the requirements for optical fibre cables used inside buildings for communication networks</i>	2026-11-10
SANS 60815-1:20xx Ed 2	Selection and dimensioning of high-voltage insulators intended for use in polluted conditions Part 1: Definitions, information and general principles. <i>Applies to the selection of insulators, and the determination of their relevant dimensions, to be used in outdoor high-voltage systems with respect to pollution.</i>	2026-11-10
SANS 60815-2:20xx Ed 2	Selection and dimensioning of high-voltage insulators intended for use in polluted conditions Part 2: Ceramic and glass insulators for a.c. systems. <i>Applies for the selection of ceramic and glass insulators for AC systems, and the determination of their relevant dimensions, to be used in high-voltage systems with respect to pollution.</i>	2026-11-10
SANS 60815-3:20xx Ed 2	Selection and dimensioning of high-voltage insulators intended for use in polluted conditions Part 3: Polymer insulators for a.c. systems. <i>Applies for the selection of polymeric insulators for AC systems, and the determination of their relevant dimensions, to be used in high voltage systems with respect to pollution.</i>	2026-11-10
SANS 60931-2:20xx	Shunt power capacitors of the non-self-healing type for AC systems having a rated	2026-11-10

Ed 1	voltage up to and including 1 000 V - Part 2: Ageing test and destruction test. Applies to capacitors according to IEC 60931-1 and gives the requirements for the ageing test and destruction test for these capacitors.	
SANS 60947-10:XXXX Ed 1	Low-voltage switchgear and controlgear - Part 10: Semiconductor circuit-breakers. <i>Applies to semiconductor circuit-breakers with a rated voltage up to 1 000 V AC or 1 500 V DC, intended to be installed and operated by instructed or skilled persons.</i>	2026-11-10
SANS 61280-2-1:20XX Ed 2	Fibre optic communication subsystem test procedures - Part 2-1: Digital systems - Receiver sensitivity and overload measurement. <i>Describes the test procedures applicable to digital fibre optic communication and data system</i>	2026-11-10
SANS 61300-3-39:20xx Ed 2	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-39: Examinations and measurements - Physical contact (PC) optical connector reference plug selection for return loss measurements. <i>Outlines the methods for selecting non-angled physical contact(PC) optical connector plugs to be used as reference plugs.</i>	2026-11-10
SANS 61643-361:XXXX Ed 1	Low-voltage surge protective devices - Part 361: Surge isolation transformers (SITs) connected to low-voltage distribution system - Requirements and test methods. <i>Applies to surge isolation transformers (SITs) dedicated to surge mitigation and for connection to 50/60 Hz power circuits and equipment rated up to 1 000 V RMS.</i>	2026-11-10
SANS 62282-4-202:XXXX Ed 1	Fuel cell technologies - Part 4-202: Fuel cell power systems for propulsion and auxiliary power units - Unmanned aircrafts - Performance test methods. <i>Covers performance test methods of fuel cell power systems intended to be used to power unmanned aircrafts, including general requirements, start-up, shutdown, power output, continuous running time, electric efficiency, data transmission, warning and monitoring, environmental compatibility, etc.</i>	2026-11-10
SANS 62282-4-600:XXXX Ed 1	Fuel cell technologies - Part 4-600: Fuel cell power systems for propulsion other than road vehicles and auxiliary power units (APU) - Fuel cell/battery hybrid systems performance test methods for excavators. <i>Covers the requirements for the performance test methods of fuel cell/battery hybrid systems intended to be used for electrically powered applications for excavators.</i>	2026-11-10
SANS 62485-5:XXXXXX Ed 3	Safety requirements for secondary batteries and battery installations - Part 5: Safe operation of stationary lithium ion batteries. <i>Applies to the installation of one or more stationary secondary batteries having a maximum aggregate DC voltage of 1 500 V to any DC part of the power network, and describes the principal measures for protections during normal operation or under expected fault conditions against hazards generated from:electricity, short-circuits, electrolyte, gas emission, fire, explosion.</i>	2026-11-10
SANS 63338:20xx Ed 1	General guidance on reuse and repurposing of secondary cells and batteries. <i>Applies to the reuse and repurposing of secondary lithium ion and nickel-metal hydride cells and batteries after extraction from the application for which they were first placed on the market (hereafter "relevant cells and batteries").</i>	2026-11-10
SANS 63508:20xx Ed 1	CDD database - Circuit-breakers and similar equipment for household use. <i>Describes product classes and properties, representing the miniature circuit-breaker (MCB), to become a part of the IEC 61360-4: IEC Common Data Dictionary (IEC CDD).</i>	2026-11-10
SATR 20226:202X Ed 1	Information technology - Artificial intelligence - Environmental sustainability aspects of AI systems. <i>Provides an overview of the environmental sustainability aspects (e.g. workload, resource and asset utilization, carbon impact, pollution, waste, transportation, location) of AI systems during their life cycle, and related potential metrics</i>	2026-11-10
SATR 20000-17:20XX Ed 1	Information technology - Service management Part 17: Scenarios for the practical application of service management systems based on ISO/IEC 20000-1:2018. <i>Provides scenarios, explanations and examples for the practical application of service management systems (SMS) based on ISO/IEC 20000-1:2018.</i>	2026-11-10
SATR 24030:XXXXX Ed 1	Information technology - Artificial intelligence - Beneficial AI systems. <i>Provides a collection of artificial intelligence (AI) use cases across various domains</i>	2026-11-10
SATR 61643-333:20xx Ed 1	Components for low-voltage surge protection - Part 333: characteristic equations and life evaluation for metal oxide varistors (MOV). <i>Presents the U-I/R-I characteristic equations and the life evaluation method for MOVs, which are used for applications up to 1 000 V AC or 1 500 V DC in power line, or telecommunication, or signalling circuits.</i>	2026-11-10
SATR 63227:XXXXXXX Ed 1	Lightning and surge voltage protection for photovoltaic (PV) power supply systems. <i>Deals with the protection of PV power supply systems against detrimental effects of lightning strikes and surge voltages of atmospheric origin.</i>	2026-11-10

SATS 20000-16:20XX Ed 1	Information technology - Service management Part 16: Guidance on sustainability within a service management system based on ISO/IEC 20000-1. <i>Provides guidance for including sustainability within a service management system (SMS) based on the requirements defined in ISO/IEC 20000-1.</i>	2026-11-10
SATS 63529:20xx Ed 1	DC side harmonics & filtering in HVDC transmission systems. <i>Intended to inform and guide the harmonic design of the DC side of HVDC projects.</i>	2026-11-10
SATS 8200:20xx Ed 1	Information technology - Artificial intelligence - Controllability of automated artificial intelligence systems. <i>Specifies a basic framework with principles, characteristics and approaches for the realization and enhancement for automated artificial intelligence (AI) systems' controllability.</i>	2026-11-10
SANS 50341:XXXXXXX Ed 2	Personal fall protection equipment - Descender devices for rescue. <i>This standard specifies requirements, test methods, marking and information to be supplied by the manufacturer for descender devices, which include descent lines (hereinafter referred to as lines), intended for rescue and to protect against falls in a rescue system, which is a personal fall protection system. This standard does not specify requirements for descender devices that are used for descending in mountaineering, rope access or work positioning systems. A descender device which enables the user to rescue himself.</i>	2026-11-10
SANS 50353-1:XXXXX Ed 3	Personal fall protection equipment - Guided type fall arresters including an anchor line - Part 1: Guided type fall arresters including a rigid anchor line. <i>This standard specifies the requirements, test methods, marking, information supplied by the manufacturer and packaging for guided type fall arresters including a rigid anchor line. This anchor line is usually attached to or integrated in ladders or rungs adequately fixed to suitable structures. Guided type fall arresters including a rigid anchor line conforming to this standard are components of one of the fall arrest systems covered by EN 363. This standard applies to rigid anchor lines which are intended to be installed vertically and/or with a combination of forward-leaning angle and/or sideways leaning angle between the true vertical and the vertical +15° (see Figure 2). Multi-user applications, i.e. rigid anchor lines that allow more than one user to be attached at any one time, are not addressed in this document.</i>	2026-11-10
SANS 14064-4:20xx Ed 1	Greenhouse gases - Part 4: Guidance for the application of ISO 14064-1. <i>Enables the organisations around the world to quantify greenhouse gas (GHG) emissions and removals.</i>	2026-11-10
SANS 14066:20xx Ed 2	Environmental information - Competence requirements for teams validating and verifying environmental information. <i>Specifies competence requirements for validation and verification teams and independent reviewers.</i>	2026-11-10
SANS 19109:20xx Ed 3	Geographic information - General feature model and rules for application schema. <i>Defines the General Feature Model (GFM) as the metamodel for creating application schemas in the context of geo-information modelling.</i>	2026-11-10
SANS 19152-2:20xx Ed 1	Geographic Information - Land administration domain model (LADM) - Part 2: Land registration. <i>It defines land administration domain model (LADM) covering basic information-related components of land registration, including elements above and below the surface of the earth.</i>	2026-11-10
SANS 19152-3:20xx Ed 1	Geographic Information - Land administration domain model (LADM) - Part 3: Marine georegulation. <i>It specifies the concepts and structure for standardization for georegulation in the marine space.</i>	2026-11-10
SANS 2037:XXXXX Ed 1	Standard Practice for Determination of Water Activity (aw) in Cannabis Flower. <i>This practice covers the recommended procedure for determining the water activity (aw) of a cannabis flower sample. 1.2 Units. The values stated in SI units are to be regarded as the standard. Water activity is a ratio, and thus is without unit designation. 1.3 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. 1.4 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>	2026-11-10
SANS 4628-6:20xx Ed 3	Paints and varnishes - Evaluation of quantity and size of defects, and of intensity of uniform changes in appearance Part 6: Assessment of degree of chalking by tape method. <i>Provides pictorial reference standards for designating the degree of</i>	2026-11-10

	<i>chalking of paint coatings.</i>	
SANS 54387:XXXXXXX Ed 2	Respiratory protective devices - Gas filter(s) and combined filter(s) - Requirements, testing, marking. <i>This document refers to gas filters and combined filters for use as replaceable components in unassisted respiratory protective devices (RPD) with the exception of escape devices. Filters for use against CO are excluded from this document. Laboratory tests are included for the assessment of compliance with the requirements. Some filters complying with this document can also be suitable for use with assisted respiratory protective devices and/or escape devices.</i>	2026-11-10
SANS 55001:20XX Ed 2	Asset management - Asset management system – Requirements. <i>Specifies requirements for an asset management system.</i>	2026-11-10
SANS 55011:20XX Ed 1	Asset management - Guidance for the development of public policy to enable asset. <i>Provides guidance to advance the adoption of asset management through public policy, specifically focused on the external context of all organizations that manage assets</i>	2026-11-10
SANS 55012:20XX Ed 1	Asset management - Guidance on people involvement and competence. <i>Gives guidance on enhancing the involvement and commitment of personnel within an asset management system to improve the overall efficiency of translation of asset management objectives into results</i>	2026-11-10
SANS 55013:20XX Ed 1	Asset management - Guidance on the management of data assets. <i>Gives guidance on managing data to support an organization in meeting its asset management objectives and by extension its organizational objectives.</i>	2026-11-10
SANS 61000-4-20:20xx Ed 3	Electromagnetic compatibility (EMC) Part 4-20: Testing and measurement techniques - Emission and immunity testing in transverse electromagnetic (TEM) waveguides. <i>Focuses on emission and immunity test methods for electrical and electronic equipment using various types of transverse electromagnetic (TEM) waveguides</i>	2026-11-10
SANS 61000-4-30:20xx Ed 3	Electromagnetic compatibility (EMC) Part 4-30: Testing and measurement techniques - Power quality measurement methods. <i>Defines the methods for measurement and interpretation of results for power quality parameters in AC power supply systems with a declared fundamental frequency of 50 Hz or 60 Hz</i>	2026-11-10
SANS 61000-5-6:20xx Ed 2	Electromagnetic compatibility (EMC) Part 5-6: Installation and mitigation guidelines - Mitigation of external EM influences. <i>Covers guidelines for the mitigation of external electromagnetic influences impinging upon a facility or installation, aimed at ensuring electromagnetic compatibility (EMC) among electrical and electronic apparatus or systems</i>	2026-11-10
SANS 61000-6-3:20xx Ed 3	Electromagnetic compatibility (EMC) Part 6-3: Generic standards - Emission standard for residential, commercial and light -industrial environments. <i>Defines electromagnetic compatibility (EMC) emission requirements for electrical and electronic equipment in residential, commercial, and light-industrial environments</i>	2026-11-10
SANS 61000-6-4:20xx Ed 3	Electromagnetic compatibility (EMC) Part 6-4: Generic standards - Emission standard for industrial environments. <i>Defines emission limits (Class A) for electrical and electronic equipment used in both indoor and outdoor industrial locations, ensuring devices do not disrupt other equipment.</i>	2026-11-10
SANS 6270-1:20xx Ed 2	Paints and varnishes - Determination of resistance to humidity Part 1: Continuous condensation. <i>Specifies a method for determining the resistance of paint films, paint systems and related products to conditions of high humidity in accordance with the requirements of coating or product specifications.</i>	2026-11-10
SANS 7886-1:20xx Ed 1	Sterile hypodermic syringes for single use Part 1: Syringes for manual use. <i>Specifies requirements and test methods for verifying the design of empty sterile single use hypodermic syringes, with or without needle, made of plastic or other materials and intended for the aspiration and injection of fluids after filling by the end-users.</i>	2026-11-10
SANS 7886-2:20xx Ed 1	Sterile hypodermic syringes for single use Part 2: Syringes for use with power-driven syringe pumps. <i>Specifies requirements for sterile single-use hypodermic syringes of nominal capacity 1 ml and above, made of plastic materials and intended for use with power-driven syringe pumps.</i>	2026-11-10
SANS 7886-3:20xx Ed 1	Sterile hypodermic syringes for single use Part 3: Auto-disabled syringes for fixed-dose immunization. <i>Specifies the properties and performance of sterile single-use hypodermic syringes with an auto-disable syringe feature intended to deliver a fixed dose of vaccine immediately after filling.</i>	2026-11-10
SANS 7886-4:20xx Ed 1	Sterile hypodermic syringes for single use Part 4: Syringes with re-use prevention feature. <i>Specifies general requirements for evaluating the interactions of medical devices with blood.</i>	2026-11-10

SATR 18-3:20xx Ed 1	Radio interference characteristics of overhead power lines and high-voltage equipment Part 3: Code of practice for minimizing the generation of radio noise. <i>Applies to radio noise from overhead power lines and high-voltage equipment which may cause interference to radio reception, excluding the fields from power line carrier signals.</i>	2026-11-10
SANS 211:20XX Ed 5	Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement. <i>Applies to industrial, scientific and medical electrical equipment operating in the frequency range 0 Hz to 400 GHz and to domestic and similar appliances designed to generate and/or use locally radio-frequency energy</i>	2026-11-10
SANS 214-1:20XX Ed 5	Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus Part 1: Emission. <i>Specifies the requirements that apply to the emission of radio-frequency disturbances in the frequency range 9 kHz to 400 GHz from appliances, electric tools and similar apparatus, whether powered by AC or DC (including a battery)</i>	2026-11-10
SANS 214-2:20XX Ed 2	Electromagnetic compatibility - Requirements for household appliances, Electric tools and similar apparatus Part 2: Immunity - Product family standard. <i>Specifies the electromagnetic immunity requirements in the frequency range 0 Hz to 400 GHz that apply to appliances, electric tools and similar equipment as specified below, whether powered by AC or DC (including a battery).</i>	2026-11-10
SANS 216-1-1:20xx Ed 4	Specification for radio disturbance and immunity measuring apparatus and methods Part 1-1: Radio disturbance and immunity measuring apparatus - Measuring apparatus. <i>Specifies the characteristics and performance of equipment for the measurement of radio disturbance in the frequency range 9 kHz to 18 GHz. In addition, requirements are provided for specialized equipment for discontinuous disturbance measurements.</i>	2026-11-10
SANS 216-1-4:20XX Ed 4	Specification for radio disturbance and immunity measuring apparatus and methods Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements. <i>Specifies the characteristics and performance of equipment for the measurement of radiated disturbances in the frequency range 9 kHz to 18 GHz.</i>	2026-11-10
SANS 225:20XX Ed 4	Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of on-board receivers. <i>Contains limits and procedures for the measurement of radio disturbances in the frequency range of 150 kHz to 5 925 MHz.</i>	2026-11-10
SANS 302064:20xx Ed 1	Wireless Digital Video Links operating in the 1,3 GHz to 50 GHz frequency band; Harmonised Standard for access to radio spectrum. <i>Applies to terrestrial wireless digital video link equipment operating in the frequency band 1,3 GHz to 50 GHz.</i>	2026-11-10
SANS 303978:20XX Ed 1	Satellite Earth Stations and Systems (SES); Earth Stations on Mobile Platforms (ESOMP) communicating with satellites in geostationary orbit, operating in the 27,5 GHz to 30,0 GHz and 17,3 GHz to 20,2 GHz frequency bands; Harmonised Standard for access to radio spectrum. <i>Specifies technical characteristics and methods of measurements for Earth Stations on Mobile Platforms (ESOMP) equipment with the following characteristics. The ESOMP is designed for both mobile and stationary operation. The ESOMP operates on various mobile platforms such as trains, maritime vessels, aircraft and other vehicles. The ESOMP is controlled and monitored by a Network Control Facility (NCF). This function may be performed centrally (e.g. for a network of ESOMPs with a central hub) or it could be performed within the ESOMP for autonomous control.</i>	2026-11-10
SANS 37303:20XX Ed 1	Compliance management systems - Guidance for competence management. <i>Provides guidance on how to determine and develop the necessary competencies to support an effective compliance management system.</i>	2026-11-10
SANS 41002:20XX Ed 1	Facility management - Development of the facility management organization. <i>Gives guidance on the development of a facility management (FM) organization working on the strategic, tactical and operational management levels.</i>	2026-11-10
SANS 60034-1:20xx Ed 7	Rotating electrical machines - Part 1: Rating and performance. <i>Applicable to all rotating electric machines, except rotating electric machines for rail and road vehicles, which are covered by the IEC 60349 series of standards.</i>	2026-11-10
SANS 60384-14-1:20XX Ed 3	Fixed capacitors for use in electronic equipment - Part 14-1: Blank detail specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains - Assessment level DZ. <i>Specifies the uniform international safety marks, testing procedures, and declaration of design parameters</i>	2026-11-10

	<i>for fixed capacitors used in EMI suppression</i>	
SANS 61000-6-2:20xx Ed 2	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments. <i>Specifies immunity requirements in the 0 Hz to 400 GHz frequency range and applies only when no dedicated product-specific EMC standard exists</i>	2026-11-10
SANS 61000-6-5:20xx Ed 2	Electromagnetic compatibility (EMC) - Part 6-5: Generic standards - Immunity for equipment used in power station and substation environment. <i>Specifies EMC immunity requirements which apply to electrical and electronic equipment intended for use in power stations and substations</i>	2026-11-10
SANS 61131-3:XXXXXX Ed 3	Programmable controllers Part 3: Programming languages. <i>Specifies the syntax and semantics of a unified suite of programming languages for programmable controllers (PCs).</i>	2026-11-10
SANS 61131-9:XXXXXX Ed 2	Programmable controllers - Part 9: Single-drop digital communication interface for small sensors and actuators (SDCI). <i>Specifies a single-drop digital communication interface technology for small sensors and actuators SDCI (commonly known as IO-Link), which extends the traditional digital input and digital output interfaces as defined in IEC 61131-2 (published in South Africa as an identical adoption under the designation SANS 61131-2) towards a point-to-point communication link.</i>	2026-11-10
SANS 61347-1:20xx Ed 4	Controlgear for electric light sources - Safety - Part 1: General requirements. <i>Specifies general safety requirements for controlgear for electric light sources for use on DC supplies up to 1 500 V or AC supplies up to 1 000 V at 50 Hz or 60 Hz.</i>	2026-11-10
SANS 61347-2-10:20xx Ed 2	Controlgear for electric light sources - Safety - Part 2-10: Particular requirements - Electronic controlgear for high-frequency operation of tubular cold-cathode discharge lamps (neon tubes). <i>Specifies safety requirements for electronic controlgear for highfrequency operation of tubular cold-cathode discharge lamps used in signs and luminous discharge tube installations and operating with an output voltage exceeding 1 000 V but not exceeding 10 000 V for direct connection to DC or AC supply voltages not exceeding 1 000 V (at 50 Hz or 60 Hz in case of alternating current).</i>	2026-11-10
SANS 61558-2-1:20xx Ed 3	Safety of transformers, reactors, power supply units and combinations thereof - Part 2-1: Particular requirements and tests for separating transformers and power supply units incorporating separating transformers for general applications. <i>Deals with the safety of separating transformers for general applications and power supply units incorporating separating transformers for general applications.</i>	2026-11-10
SANS 62055-42:20xx Ed 1	Electricity metering - Payment systems - Part 42: Transaction Reference Numbers (TRN). <i>Specifies a token generation mechanism and token structure for smart prepayment functionality in markets where IEC 62055-41 compliant systems are not used, and where a different security mechanism is required by project-specific or national requirements.</i>	2026-11-10
SANS 62056-6-2:20xx Ed 3	Electricity metering data exchange - The DLMS/COSEM suite Part 6-2: COSEM interface classes. <i>Specifies a model of a meter as it is seen through its communication interface(s).</i>	2026-11-10
SANS 62057-3:20xx Ed 1	Electrical energy meters - Test equipment, techniques and procedures - Part 3: Automatic meter testing system (AMTS). <i>Applies to an automatic meter testing system (AMTS) permanently installed in a controlled environment.</i>	2026-11-10
SANS 62116:20XX Ed 1	Utility-interconnected photovoltaic inverters - Test procedure of islanding prevention measures. <i>Provides a test procedure to evaluate the performance of islanding prevention measures used with utility-interconnected PV systems. This standard describes a guideline for testing the performance of automatic islanding prevention measures installed in or with single or multi-phase utility interactive PV inverters connected to the utility grid.</i>	2026-11-10
SANS 62382:20xx Ed 2	Control systems in the process industry - Electrical and instrumentation loop check. <i>Defines procedures and specifications for loop check, which comprises the activities between the completion of the loop construction (including installation and point-topoint checks) and the beginning of cold commissioning.</i>	2026-11-10
SANS 62386-201:XXXXX Ed 2	Control systems in the process industry - Electrical and instrumentation loop check. <i>Defines procedures and specifications for loop check, which comprises the activities between the completion of the loop construction (including installation and point-topoint checks) and the beginning of cold commissioning.</i>	2026-11-10
SANS 8528-10:20xx Ed 2	Reciprocating internal combustion engine driven alternating current generating sets - Part 10: Measurement of airborne noise. <i>Specifies noise test codes for determining</i>	2026-11-10

	<i>the sound power level and the emission sound pressure level at the workstation of reciprocating internal combustion engine driven electrical power generating sets</i>	
SANS 8528-12:20xx Ed 2	Reciprocating internal combustion engine driven alternating current generating sets Part 12: Emergency power supply to safety services. <i>Applies to generating sets driven by reciprocating internal combustion (RIC) engines for emergency power supply to safety services.</i>	2026-11-10
SANS 8528-9:20xx Ed 2	Reciprocating internal combustion engine driven alternating current generating sets Part 9: Measurement and evaluation of mechanical vibrations. <i>Describes a procedure for measuring and evaluating the external mechanical vibration behaviour of generating sets at the measuring points stated in this document.</i>	2026-11-10
SATR 18-1:20xx Ed 1	Radio interference characteristics of overhead power lines and high-voltage equipment - Part 1: Description of phenomena. <i>Applies to radio noise from overhead power lines, associated equipment, and high-voltage equipment which may cause interference to radio reception.</i>	2026-11-10
SATR 61000-5-1:20XX Ed 1	Electromagnetic compatibility (EMC) - Part 5-1: Installation and mitigation guidelines - General considerations. <i>Provides general installation and electromagnetic compatibility mitigation guidelines</i>	2026-11-10
SATS 62257-7:20XX Ed 1	Recommendations for renewable energy and hybrid systems for rural electrification - Part 7: Generators. <i>Specifies the general requirements for the generators in decentralized rural electrification systems.</i>	2026-11-10
SATS 62804-1:20XX Ed 1	Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation - Part 1: Crystalline silicon. <i>Defines procedures to evaluate the durability of crystalline silicon photovoltaic (PV) modules to the effects of short-term high-voltage stress, primarily potential-induced degradation (PID). Three test methods are given.</i>	2026-11-10
SANS 11592-1:20xx Ed 1	Small craft - Determination of maximum propulsion power rating using maneuvering speed - Part 1: Craft with a length of hull less than 8 m. <i>Specifies the requirements for determination of the maximum propulsion power rating and manoeuvring speed for engine-driven small craft with a length of hull (LH) of less than 8m (Lh according to ISO 8666).</i>	2026-11-10
SANS 14946:20xx Ed 2	Small craft - Maximum load capacity. <i>Specifies the items included in the maximum load of small craft, without exceeding the limits set by other ISO standards for stability, freeboard, and flotation.</i>	2026-11-10
SANS 133:XXXXX Ed 2	Coal and coke - Vocabulary - Part 1: Terms relating to coal preparation. This document defines terms commonly employed in coal preparation. Note For terms relating to petrographic analysis, see ISO 7404-1.	2026-11-10
SANS 3001-CO2-5:202x Ed 1	Civil engineering test methods Part CO2-5: Flexural strength of hardened concrete. <i>This standard specifies two methods of determining the flexural strength of hardened concrete:</i> <i>a) the two-point loading method that produces a constant bending moment along the central part of the test specimen, which is the standard method; and</i> <i>b) the centre-point loading method, which is an alternative method.</i> <i>NOTE The centre-point loading method is likely to give higher values for the flexural strength than the two-point loading method.</i>	2026-11-10
SANS 334:20xx Ed 3	Coal and coke - Determination of total sulfur - Eschka method. <i>This document specifies a reference method for determining the total sulfur content of hard coal, brown coals and lignites, and coke by the Eschka method.</i>	2026-11-10
SANS 54973:20xx Ed 1	Conveyor belts for use in underground installations. Electrical and flammability safety requirements. <i>Specifies electrical and flammability safety requirements for conveyor belts intended for use in underground installations, in the presence of flammable or non-flammable atmospheres.</i>	2026-11-10
SANS 6707-1:20xx Ed 1	Buildings and civil engineering works - Vocabulary Part 1: General terms. <i>Establishes a vocabulary applicable to buildings and civil engineering works.</i>	2026-11-10
SANS 6707-2:20xx Ed 1	Buildings and civil engineering works - Vocabulary - Part 2: Contract and communication terms. <i>Defines terms applicable to contracts and communication in relation to buildings and civil engineering works.</i>	2026-11-10
SATS 62257-9-6:XXXX Ed 1	Renewable energy and hybrid systems for rural electrification - Part 9-6: Integrated systems - Recommendations for selection of Photovoltaic Individual Electrification Systems (PV-IES). <i>Propose simple selection procedure and cheap, comparative tests which can be performed in laboratories of developing countries, in order to identify the most suitable model of small Photovoltaic Individual Electrification Systems (PV</i>	2026-11-10

	<i>IES) up to 500 Wp for a particular rural electrification project from a number of products submitted for test.</i>	
SANS 60079-18:XXXXX Ed 5	Explosive atmospheres Part 18: Equipment protection by encapsulation 'm'. <i>Gives the specific requirements for the construction, testing and marking of electrical equipment, parts of electrical equipment and Ex components with the type of protection encapsulation 'm' intended for use in explosive gas atmospheres or explosive dust atmospheres.</i>	2026-11-10
SANS 60884-3-2:20xx Ed 1	Plugs and socket-outlets for household and similar purposes - Part 3-2: Particular requirements for accessories incorporating electronic components to perform additional functions. <i>Applies to plugs and fixed or portable socket-outlets for AC only, incorporating electronic components to perform additional functions, with or without earthing contact, 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, for use either indoors or outdoors.</i>	2026-11-10
SANS 520:XXXXX Ed 2	Coke (greater than 20 mm in size) - Determination of mechanical strength. <i>Covers the sampling of coke greater than 20 mm in size and of known size distribution which is subjected to mechanical stresses in a rotating drum, the evaluation of the degree of breakdown of the coke by a process of sieving and size analysis after 100 drum revolutions (Micum test) and, if desired, after 500 drum revolutions (Irsid test).</i>	2026-11-10
SANS 33408:20XX Ed 1	Guidance for the production of pure inorganic substance certified reference materials. <i>This document gives specific technical guidance for the production of pure metals or their corresponding crystalline salt certified reference materials (CRMs) in accordance with the general requirements of ISO 17034.</i> <i>This document is only applicable to solid pure metal and crystalline salt CRMs, including candidate materials, unless otherwise noted.</i>	2026-11-10
SANS 45006:20xx Ed 1	Occupational health and safety management - Guidelines for organizations on preventing, controlling and managing infectious diseases. <i>Gives guidelines for organizations on how to prevent or control exposure to infectious agents at the workplace and manage the risks associated with infectious diseases.</i>	2026-11-10
SANS 14785:20xx Ed 2	Tourism and related services - Tourist information services - Requirements and recommendations. <i>Provides minimum quality requirements and recommendations for onsite tourist information services located at the destination, online tourist information services or both</i>	2026-11-10
SANS 62311:20xx Ed 2	Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz). <i>Applies to electronic and electrical equipment for which no dedicated product standard or product family standard regarding human exposure to electromagnetic fields applies.</i>	2026-11-10
SANS 22649:20xx Ed 2	Footwear - Test methods for insoles and insocks - Water absorption and desorption. <i>Specifies two test methods for determining the water absorption and desorption of insoles and insocks, irrespective of the material.</i>	2026-11-10
SANS 45004:20xx Ed 1	Occupational health and safety management - Guidelines on performance evaluation. <i>Gives guidance regarding how organizations can establish monitoring, measurement, analysis and evaluation processes, including the development of relevant indicators for the assessment of occupational health and safety (OH&S) performance.</i>	2026-11-10
SANS 19103:20xx Ed 3	Geographic information - Conceptual schema language. <i>Specifies provisions for the use of a conceptual schema language within the context of modelling geographic information.</i>	2026-11-10
SANS 11956:20xx Ed 1	Adventure tourism - Cyclotourism - Requirements and recommendations. <i>Establishes requirements and recommendations for adventure tourism involving cyclotourism [e.g. road bike, mountain bike, gravel bike, bikepacking or fatbike, including electrically power assisted cycles (EPAC) and mountain EPAC], relating to the safety of participants, leaders and assistants</i>	2026-11-10

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 62841-2-6:20xx Ed 1.1	<i>Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety Part 2-6: Particular requirements for hand-held hammers</i>	Amended to update the clauses on endurance, handles on rotary hammers, and the annexes.	2026-11-10
SANS 1411-6:20xx Ed 2.2	<i>Materials of insulated electric cables and flexible cords Part 6: Armour</i>	Amended to update referenced standards and the clause on requirements.	2026-11-10
SANS 164-8:XXXX Ed 1.1	<i>SANS 164-8, Plug and socket-outlet systems for household and similar purposes for use in South Africa Part 8: Two pole and earth, 32A 250V a.c. system</i>	Amended to update a reference standard and requirements.	2026-11-10
SANS 1973-3:20xx Ed 1.2	<i>Low-voltage switchgear and controlgear ASSEMBLIES Part 3: Safety of ASSEMBLIES with a rated prospective short-circuit current of up to and including 10 kA</i>	Amended to update the title, scope, referenced standards, definitions, the clause on requirements, and on routine tests, and the annex on selection of switching devices and components, and to delete the annex on notes to purchasers, to introduce the annex on user information template, and to modify the annexes on explanation of IP ratings, on prospective short-circuit currents, on routine test certificate, and on summary of tables and annexes from SANS 61439-1 and SANS 61439-2.	2026-11-10
SANS 60364-8-82:20XX Ed 1.1	<i>Low-voltage electrical installations - Part 8-82: Functional aspects - Prosumer's low-voltage electrical installations</i>	Amended to update referenced standards, terms and definitions, the clause on protection of prosumer electrical installation, the annex on list of notes concerning certain countries and to add the annex on PEIs with a DC system and distributed sources with isolated interlink converter.	2026-11-10
SANS 62841-2-17:20xx Ed 1.1	<i>Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety Part 2-17: Particular requirements for hand-held routers</i>	Amended to update terms and definitions, the clauses on abnormal operation, mechanical hazards, construction, components and the annex on measurement of noise and vibration emissions.	2026-11-10
SANS 953-1:XXXXX Ed 2.1	<i>Storage of firearms and ammunition Part 1: Safes</i>	Amended to delete the annex on notes to purchasers.	2026-11-10
SANS 9797-2:20xx Ed 3 and ISO/IEC Cor 1	<i>Information security - Message authentication codes (MACs) Part 2: Mechanisms using a dedicated hash-function</i>	Corrected to update the clauses on the MAC algorithm 1, MAC algorithm 3, Annexes on the numerical examples and on the security analysis of the MAC algorithms	2026-11-10
SANS 11607-1:XXXXX Edition 2 and ISO amdt 1	<i>Packaging for terminally sterilized medical devices Part 1: Requirements for materials, sterile barrier systems and packaging systems</i>	Amended to update the scope, referenced standards, definitions, the clauses on risk management, and test methods, and to add the new annexes	2026-11-10
SANS 11607-2:XXXXX Ed 2 and ISO amdt 1	<i>Packaging for terminally sterilized medical devices Part 2: Validation requirements for forming, sealing and assembly processes</i>	Amended to update the scope, referenced standards, definitions, the clauses on risk management, and test methods, and to add the new annexes	2026-11-10
SANS 1375:20xx Ed 3.3	<i>Textile floor coverings (pile construction)</i>	Amended to delete the annex on notes to purchasers, to update referenced	2026-11-10

		standards, and to delete the footnotes on the obtainability of suitable reference scales and photographic standards.	
SANS 1007:20xx Ed 1.2	<i>Reciprocating internal-combustion engine-driven alternating-current low power generating sets</i>	Amended to update referenced standards, and to delete the annex on notes to purchasers.	2026-11-10
SANS 1477-1:20XX Ed 2.1	<i>Pneumatic braking system connections between drawing and drawn vehicles Part 1: Contact type couplings</i>	Amended to delete the annex on notes to purchasers.	2026-11-10
SANS 1842:20XX Ed 3.1	<i>High-performance engine lubricating oil for petrol engines (for API Service Category SM)</i>	Amended to delete annex on notes to purchasers.	2026-11-10
SANS 1843:20xx Ed 3.1	<i>High performance engine lubricating oil for diesel engines (for API Service Category Cj-4)</i>	Amended to delete the annex on notes to purchasers.	2026-11-10
SANS 60335-1:20XX Ed 4.1	<i>Household and similar electrical appliances - Safety Part 1: General requirements</i>	Amended to update the foreword, scope, referenced standards, terms and definitions, the clauses on general conditions for the tests, classification, marking and instructions, protection against access to live parts, heating, transient overvoltages, abnormal operation, stability and mechanical hazards, construction, internal wiring, components, supply connection and external flexible cords, provision for earthing, screws and connections, clearances, creepage distances and solid insulation, resistance to heat and fire, radiation, toxicity and similar hazards, and the annexes on battery-operated appliances, separable batteries and detachable batteries for battery-operated appliances, capacitors, safety isolating transformers, overvoltage categories, guidance for the measurement of clearances and creepage distances, pollution degree, guidance for the application of this standard to appliances used in tropical climates, software evaluation, UV-C radiation effect on non-metallic materials, and on appliances intended for remote communication through public networks.	2026-11-10
SANS 61184:20xx Ed 4.2	<i>Bayonet lampholders</i>	Amended to update the introduction, the clauses on creepage distances and clearances, and on resistance to heat, fire and tracking.	2026-11-10
SANS 1829:20XX Ed 2.2	<i>Lubricants for use in the food industry</i>	Amended to delete annex on notes to purchasers.	2026-11-10
SANS 15083:20xx Ed 2 and ISO amdt 1	<i>Small craft - Bilge-pumping systems</i>	Amended to update the clauses on scope, normative references, terms and definitions, symbols and codes, requirements, design and construction, installation and the bibliography.	2026-11-10
SANS 1535:20xx Ed 3.1	<i>Steel tanks for the underground storage of hydrocarbons and oxygenated solvents</i>	Amended to remove notes to purchasers	2026-11-10
SANS 10298:20XX Ed 1.3	<i>Indirect small to medium-sized gas chlorination systems for the disinfection of water</i>	Amended to delete tradenames.	2026-11-10
SANS 1516:XXXX	<i>High performance engine lubricating oil</i>	Amended to delete the annex on notes to	2026-11-10

Ed 4.1	<i>for petrol engines (for API Service Category SL)</i>	purchasers.	
SANS 1517:XXXX Ed 4.1	<i>High performance engine lubricating oil for diesel engines (for API Service Category CI-4)</i>	Amended to delete the annex on notes to purchasers.	2026-11-10
SANS 3001-GR2:20XXXX Ed 1.3	<i>Civil engineering test methods Part GR2: Dry preparation and dry particle size analysis of gravels and sands</i>	Amended to update referenced standards, and the clause on procedure.	2026-11-10
SANS 5264:XXXX Ed 4.1	<i>Pile-to-ground length ratio of warp yarns in textile fabrics with uncut pile</i>	Amended to update normative references.	2026-11-10

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)