GENERAL NOTICES • ALGEMENE KENNISGEWINGS

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 3738 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.

Draft Standard No. and Edition	Title, scope and purport	Closing Date
SANS 10456:20xx Ed 2	Building materials and products - Procedures for determining declared and design thermal values. *Specifies methods for the determination of declared and design thermal values for thermally homogeneous building materials and products, together with procedures to convert values obtained under one set of conditions to those valid for another set of conditions*.	**2026-03-24**
SANS 13370:20xx Ed 2	Thermal performance of buildings - Heat transfer via the ground - Calculation methods. *Provides methods of calculation of heat transfer coefficients and heat flow rates for building elements in thermal contact with the ground, including slab-on-ground floors, suspended floors and basements*.	**2026-03-24**
SANS 14520-1:20XX Ed 4	*Gaseous fire-extinguishing systems - Physical properties and system design Part 1: General requirements.* Contains specific requirements for gaseous fire-extinguishing systems, with respect to the HFC 23 extinguishant.	**2026-03-24**
SANS 14520-17:20xx Ed 1	Gaseous fire-extinguishing systems - Physical properties and system design Part 17: Halocarbon Blend 55. *Provides specific requirements for gaseous fire-extinguishing systems with respect to the Halocarbon Blend 55 extinguishant. It includes details of physical properties, specification, usage and safety aspects. It also covers systems operating at nominal pressures of 25 bar, 35 bar and 42 bar, superpressurized with nitrogen. This document does not preclude the use of other systems.*	**2026-03-24**
SANS 50054-3:XXXXXX Ed 2	Fire detection and fire alarm systems Part 3: Fire alarm devices – Sounders. *This standard specifies the requirements, test methods and performance criteria for fire alarm sounders, including voice sounders, in a fixed installation intended to signal an audible warning between the fire detection and fire alarm systems and the occupants of a building (see EN 54-1:2011). This European Standard provides for the assessment and verification of constancy of performance (AVCP) of fire alarm sounders to this EN.This Standard is not intended to cover:* *a) loudspeaker type devices primarily intended for emitting emergency voice messages that are generated from an external audio source;* *b) supervisory sounders, for example, within the control and indicating equipment*	**2026-03-24**
SANS 50197-6:20xx Ed 1	Cement - Part 6: Cement with recycled building materials. *This document specifies cement with recycled concrete fines whose intended use is the preparation of concrete, mortar, grout, etc.*	**2026-03-24**
SANS 23894:202X Ed 1	Information technology - Artificial intelligence - Guidance on risk management. *Provides guidance on how organizations that develop, produce, deploy or use products, systems and services that utilize artificial intelligence (AI) can manage risk specifically related to AI*	**2026-03-24**
SANS 60364-5-51:20xx Ed 1	Electrical installations of buildings - Part 5-51: Selection and erection of electrical equipment - Common rules. *This part of IEC 60364 deals with the*	**2026-03-24**

	selection of equipment and its erection. It provides common rules for compliance with measures of protection for safety, requirements for proper functioning for intended use of the installation, and requirements appropriate to the external influences foreseen.	
SANS 60364-5-52:20xx Ed 1	Low-voltage electrical installations - Part 5-52: Selection and erection of electrical equipment - Wiring systems. *Part 5-52 of IEC 60364 deals with the selection and erection of wiring systems.* *NOTE 1 This standard also applies in general to protective conductors, while IEC 60364-5-54 contains further requirements for those conductors.* *NOTE 2 Guidance on Part 5-52 of IEC 60364 is given in IEC 61200-52*.	**2026-03-24**
SANS 60364-5-53:20xx Ed 1	Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Devices for protection for safety, isolation, switching, control and monitoring. *Provides requirements for:* *a)isolation, switching, control and monitoring, and b)selection and erection of:* *1) devices for isolation, switching, control and monitoring, and* *2) devices to achieve compliance with measures of protection for safety.*	**2026-03-24**
SANS 60364-5-54:20xx Ed 1	Low-voltage electrical installations - Part 5-54: Selection and erection of electrical equipment - Earthing arrangements and protective conductors. *Low-voltage electrical installations - Part 5-54: Selection and erection of electrical equipment - Earthing arrangements and protective conductors.*	**2026-03-24**
SANS 60364-7-706:20xx Ed 1	Low-voltage electrical installations - Part 7-706: Requirements for special installations or locations - Conducting locations with restricted movement. *The particular requirements of this part of IEC 60364 apply to:* *• fixed equipment within conducting locations with restricted movement; and* *• supplies to equipment used within conducting locations with restricted movement.*	**2026-03-24**
SANS 60364-7-708:20xx Ed 1	Low-voltage electrical installations - Part 7-708: Requirements for special installations or locations - Caravan parks, camping parks and similar locations. *The particular requirements contained in this part of IEC 60364 apply only to circuits intended to supply leisure accommodation vehicles, tents or residential park homes in caravan parks,camping parks and similar locations.* *NOTE For the purposes of this document caravan park includes camping parks and similar locations.* *The particular requirements do not apply to the internal electrical installations of leisure accommodation vehicles, mobile or transportable units or residential park homes.*	**2026-03-24**
SANS 60364-7-709:20xx Ed 1	Low-voltage electrical installations - Part 7-709: Requirements for special installations or locations - Marinas and similar locations. *Applies only to circuits intended to supply pleasure craft or houseboats in marinas and similar locations.*	**2026-03-24**
SANS 60364-7-711:20xx Ed 1	Low-voltage electrical installations - Part 7-711: Requirements for special installations or locations - Exhibitions, shows and stands. *The particular requirements of this part of IEC 60364 apply to the temporary electrical installations of exhibitions, shows and stands (including mobile and portable displays and equipment).*	**2026-03-24**
SANS 60364-7-714:20xx Ed 1	Low-voltage electrical installations - Part 7-714: Requirements for special installations or locations - External lighting installations. *The particular requirements of this part of IEC 60364 apply to the selection and erection of luminaires and lighting installations forming part of an outdoor fixed installation. The origin of the external lighting installation is the supply delivery point of electrical energy by the supply authority or the origin of the circuit supplying the external lighting installation exclusively.* *The requirements apply to, for example, lighting installations for roads, parks, gardens, places open to the public, sporting areas, illumination of monuments, floodlighting, telephone kiosks, bus shelters, advertising panels, town plans and road signs. The requirements do not apply to:* *– public street-lighting installations which are part of the public power grid;* *– temporary festoon lighting;*	**2026-03-24**

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	– road traffic signal systems; *– luminaires which are fixed to the outside of a building and are supplied directly from the internal wiring of that building.* *For lighting installations for swimming pools and fountains, see IEC 60364-7-702.*	
SANS 60364-7-715:20xx Ed 1	Low-voltage electrical installations - Part 7-715: Requirements for special installations or locations - Extra-low-voltage lighting installations. *The particular requirements of this part of IEC 60364 apply to the selection and erection of extra-low-voltage lighting installations supplied from sources with a maximum rated voltage of 50 V a.c. or 120 V d.c.* *NOTE 1 For the definition of an extra-low-voltage lighting system see IEC 60598-2-23.* *NOTE 2 AC voltages are given as r.m.s. values.*	**2026-03-24**
SANS 60364-7-716:20xx Ed 1	Low-voltage electrical installations - Part 7-716: Requirements for special installations or locations - ELV DC power distribution over information and communications technology (ICT) cable infrastructure. *This part of IEC 60364 specifies requirements in electrical installations for the distribution of ELV DC power using balanced, information technology cables and accessories primarily designed for data transmission, as specified in terms of a category within the channels of ISO/IEC 11801-1 using power sourcing equipment in accordance with IEC 62368-3. Requirements are included for the design, erection, and verification of telecommunications infrastructure for the purpose of both telecommunications and distribution of ELV DC power. In addition, requirements are included for use of existing telecommunications infrastructure for distribution of ELV DC power.* *The power delivery systems include, but are not restricted to, the Power over Ethernet systems specified by IEEE 802.3.* *This document does not apply to the use of cables and accessories within the core and access networks for example private branch exchange (PBX).*	**2026-03-24**
SANS 60364-7-717:20xx Ed 1	Low-voltage electrical installations - Part 7-717: Requirements for special installations or locations - Mobile or transportable units. *The particular requirements as specified in this part of IEC 60364 are applicable to mobile or transportable units. For the purposes of this part, the term " unit" refers to a vehicle and/or mobile or transportable structure in which all or part of an electrical installation is contained. Units are either of the mobile type or of the transportable type. Examples are units for television and broadcasting, medical services, advertising, fire fighting, using special information technology, units for disaster relief, catering units and the like. The requirements of this part also apply where two or more units are connected together to form a single electrical installation (see 717.551.6 and 717.551.7). The requirements are not applicable to − electrical circuits and equipment for automotive purposes, − generating sets, − units covered by other parts of Part 7 (e.g. caravan and motor-caravan), − pleasure craft (see IEC 60092-507), − mobile machinery in accordance with IEC 60204-1, − traction equipment of electric vehicles, − mobile or transportable homes, offices and the like for extended use at the same location (see general rules of IEC 60364). Where applicable, additional requirements as laid down in other clauses of Part 7 are to be taken into consideration, e.g. for showers, medical locations, etc.*	**2026-03-24**
SANS 60364-7-721:20xx Ed 1	Low-voltage electrical installations - Part 7-721: Requirements for special installations or locations - Electrical installations in caravans and motor caravans. *The particular requirements of this part of IEC 60364 apply to electrical installations in caravans and motor caravans. They apply to those electrical circuits and equipment intended for the use of the caravan for habitation purposes. They do not apply to those electrical circuits and equipment for automotive purposes. They do not apply to the electrical installations of mobile homes, residential park homes and transportable units. NOTE 1 For mobile homes and residential park homes the general requirements apply. NOTE 2 For transportable units see IEC 60364-7-717. NOTE 3 For the purposes of this document, caravans and motor caravans are referred to as "caravans" The particular requirements of some parts from the*	**2026-03-24**

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	IEC 60364-7 series can also apply to such installations in caravans, for example IEC 60364-7-701.	
SANS 63056:20xx Ed 1	Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries for use in electrical energy storage systems. *Specifies requirements and tests for the product safety of secondary lithium cells and batteries used in electrical energy storage systems (Figure 2) with a maximum DC voltage of 1 500 V (nominal).*	**2026-03-24**
SATS 62786-1:20xx Ed 1	Distributed energy resources connection with the grid - Part 1: General requirements. *Provides principles and general technical requirements for distributed energy resources (DER) connected to an electric power network (in the following: the "network").*	**2026-03-24**
SATS 62786-3:20xx Ed 1	Distributed energy resources connection with the grid -Part 3: Additional requirements for stationary battery energy storage system. *Provides principles and technical requirements for interconnection of distributed Battery Energy Storage System (BESS) to the distribution network. It applies to the design, operation and testing of BESS interconnected to distribution networks. It includes the additional requirements for BESS, such as connection scheme, choice of switchgear, normal operating range, immunity to disturbance, active power response to frequency deviation, reactive power response to voltage variations and voltage changes, EMC and power quality, interface protection, connection and start to generate electric power, active power management, monitoring, control and communication, and grid-connected tests.*	**2026-03-24**
SATS 62786-41:20xx Ed 1	Distributed energy resources connection with the grid -Part 41: Requirements for frequency measurement used to control distributed energy resources (DER) and loads. *Defines minimum requirements for frequency and rate of change of frequency measurements used to control distributed energy resources (DER) and loads connected to electrical power networks*.	**2026-03-24**
SANS 1853:20XX Ed 3	Disinfectants, detergent-disinfectants and antiseptics for use in the food industry. *This standard specifies general requirements for disinfectants, detergent-disinfectants including antiseptics intended for use in the food industry that might come into contact with food, beverage and dairy products*.	**2026-03-24**
SANS 62232:20xx Ed 1	Determination of RF field strength, power density and SAR in the vicinity of base stations for the purpose of evaluating human exposure. P*rovides methods for the determination of RF field strength, power density and specific absorption rate (SAR) in the vicinity of base stations (BS) for the purpose of evaluating human exposure.*	**2026-03-24**
SATS 17287:20xx Ed 1	Requirements and test methods for electronic cigarette devices. *This document is applicable to electronic cigarettes and similar vapour producing devices intended for the production of aerosol from e-liquids for consumption by inhalation. It is applicable to devices intended for use with or without nicotine content in the aerosol produced. This standard is also applicable to e-liquid containers, filling mechanisms and accessories, electrical and other, intended for use with electronic cigarettes and similar vapour producing devices.* *This standard specifies the minimum safety and technical requirements for electronic cigarette devices, e-liquid containers, and associated accessories when operated and maintained in the manner prescribed by the manufacturer.*	**2026-03-24**
SANS 60364-8-1:20xx Ed 1	Low-voltage electrical installations - Part 8-1: Functional aspects - Energy efficiency. *This part of IEC 60364 provides additional requirements, measures and recommendations for the design, erection, operation and verification of all types of low voltage electrical installation including local production and storage of energy for optimizing the overall efficient use of electricity. It introduces requirements, recommendations and methods for the design and the energy efficiency (EE) assessment of an electrical installation within the framework of an energy efficiency management approach in order to get the best permanent functionally equivalent service for the lowest electrical energy consumption and the most acceptable energy availability and economic balance. These requirements, recommendations and methods apply, within the scope of IEC 60364 (all parts), for new installations and modification of existing installations. This document is applicable to the electrical installation of a building or system and does not apply to products. The energy efficiency of products and their operational requirements are covered by the relevant product standards. Where another standard provides specific requirements for*	**2026-03-24**

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	a particular system or installation application (e.g. manufacturing system covered by ISO 20140 (all parts)), those requirements may supersede this document. This document does not specifically address building automation systems. This group energy efficiency publication is primarily intended to be used as an energy efficiency standard for the low voltage electrical installations mentioned in Clause 1, but is also intended to be used by technical committees in the preparation of standards, in accordance with the principles laid down in IEC Guide 119 and IEC Guide 118.	
SANS 60364-7-753:20xx Ed 1	Low-voltage electrical installations - Part 7-753: Requirements for special installations or locations - Heating cables and embedded heating systems*. This part of IEC 60364 applies to embedded electric heating systems for surface heating. It also applies to electric heating systems for de-icing or frost prevention or similar applications. Both indoor and outdoor systems are covered. Heating systems for industrial and commercial applications complying with relevant parts of IEC 60519, IEC 62395 and IEC 60079 are not covered. NOTE Examples of heating systems covered by this standard are heating systems for walls, ceilings, floors, roofs, drainpipes, gutters, pipes, stairs, roadways, non-hardened compacted areas (e.g. football fields, lawns).*	**2026-03-24**
SANS 60364-7-729:20xx Ed 1	Low-voltage electrical installations - Part 7-729: Requirements for special installations or locations - Operating or maintenance gangways. *The requirements of this part of IEC 60364 apply to basic protection and other aspects in restricted access areas with switchgear and controlgear assemblies, including requirements for operating or maintenance gangways.*	**2026-03-24**
SANS 61643-21:20xx Ed 2	Low voltage surge protective devices Part 21: Surge protective devices connected to telecommunications and signalling networks — Requirements and test methods. *This document, together with IEC 61643-01:2024, is applicable to devices for surge protection against indirect and direct effects of lightning or other transient overvoltages. These devices are intended to be connected to telecommunications and signalling networks, and equipment rated up to 1 000 V RMS and 1 500 V DC. These telecommunications and signalling networks can also provide power on the same line, e.g. Power over Ethernet (PoE). Performance and safety requirements, tests and ratings are specified in this document. These devices contain at least one voltage-limiting component (clamping or switching) and are intended to limit surge voltages and divert surge currents.*	**2026-03-24**
SANS 60364-7-740:20xx Ed 1	Electrical installations of buildings - Part 7-740: Requirements for special installations or locations - Temporary electrical installations for structures, amusement devices and booths at fairgrounds, amusement parks and circuses. *This part of IEC 60364 specifies the minimum electrical installation requirements to facilitate the safe design, installation and operation of mobile, temporarily or permanently installed electrical machines and structures which incorporate electrical equipment. The machines and structures are intended to be installed repeatedly, without loss of safety, temporarily or permanently, at fairgrounds, amusement parks, circuses or any other places. For non-electrical safety, refer to CEN TC 152. The object of this part of IEC 60364 is to define the electrical installation requirements for such structures and machines, both being either integral parts or constituting the total amusement device. This part does not apply to the electrical equipment of machines (see IEC 60204-1).*	**2026-03-24**
SANS 60942:20xx Ed 3	Electroacoustics — Sound calibrators. *This document specifies the performance requirements for three classes of sound calibrator: class LS (Laboratory Standard), class 1 and class 2. Acceptance limits are smallest for class LS and greatest for class 2 instruments. Class LS sound calibrators are normally used only in the laboratory; class 1 and class 2 are considered as sound calibrators for field use. A class 1 sound calibrator is primarily intended for use with a class 1 sound level meter and a class 2 sound calibrator primarily with a class 2 sound level meter, as specified in IEC 61672-1. The acceptance limits for class LS sound calibrators are based on the use of a laboratory standard microphone, as specified in IEC 61094-1, for demonstrations of conformance to the requirements of this document. The acceptance limits for class 1 and class 2 sound calibrators are based on the use of a working standard microphone, as specified in IEC 61094-4, for demonstrations of conformance to the requirements of this document. To promote consistency of testing of sound*	**2026-03-24**

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	calibrators and ease of use, this document contains three normative annexes – Annex A "Pattern evaluation tests", Annex B "Periodic tests", Annex C "Pattern evaluation report", and two informative Annexes – Annex D "Relationship between tolerance interval, corresponding acceptance interval and the maximum-permitted uncertainty of measurement" and Annex E "Example assessments of conformance to specifications of this document". This document does not include requirements for equivalent free-field or random-incidence sound pressure levels, such as can be used in the overall sensitivity adjustment of a sound level meter. A sound calibrator can provide other functions, for example, tonebursts. Requirements for these other functions are not included in this document.	
SANS 80601-2-72:20xx Ed 2	Medical electrical equipment Part 2-72: Particular requirements for basic safety and essential performance of home healthcare environment ventilators for ventilator-dependent patients. *Replacement: NOTE 1 There is guidance or rationale for this subclause contained in Clause AA.2. This document applies to the basic safety and essential performance of a ventilator in combination with its accessories, hereafter referred to as ME equipment:* *— intended for use in the home healthcare environment;* *NOTE 2 In the home healthcare environment, the supply mains driving the ventilator is often not reliable.* *NOTE 3 Such ventilators can also be used in non-critical care applications of professional healthcare facilities.* *— intended for use by a lay operator; and* *— intended for those patients who need differing levels of support from artificial ventilation including for ventilator-dependent patients.* *A ventilator is not considered to use a physiologic closed-loop control system unless it uses a physiological patient variable to adjust the ventilation therapy settings. This document is also applicable to those accessories intended by their manufacturer to be connected to a ventilator breathing system or to a ventilator where the characteristics of those accessories can affect the basic safety or essential performance of the ventilator. EXAMPLE Breathing tubes, connectors, water traps, expiratory valve, humidifier, breathing system filter, external electrical power source, and distributed alarm system.* *NOTE 4 If a clause or subclause is specifically intended to be applicable to ME equipment only or to ME systems only, the title and content of that clause or subclause will say so. If that is not the case, the clause or subclause applies both to ME equipment and to ME systems, as relevant. Hazards inherent in the intended physiological function of ME equipment or ME systems within the scope of this document are not covered by specific requirements in this document except for the requirements specified in IEC 60601-1:2005+AMD1:2012+AMD2:2020, 7.2.13 and 8.4.1.* *— This document does not specify the requirements for:* *-ventilators or accessories intended for critical care applications, which are given in ISO 80601-2-12;* *— ventilators or accessories intended for anaesthetic applications, which are given in ISO 80601-2-13;* *— ventilators or accessories intended for emergency and transport which are given in ISO 80601-2-84;* *— ventilators or accessories intended for homecare ventilatory support equipment (intended only to augment the ventilation of spontaneously breathing patients), which are given in ISO 80601-2-79 and ISO 80601-2-80;* *— obstructive sleep apnoea therapy ME equipment, which are given in ISO 80601-2-70;* *— high-frequency ventilators, which are given in ISO 80601-2-87.* *— respiratory high-flow therapy equipment, which are given in ISO 80601-2-90;* *NOTE 6 An ISO 80601-2-72 ventilator can incorporate high-flow therapy operational mode, but such a mode is only for spontaneously breathing patients.* *— user-powered resuscitators, which are given in ISO 10651-4;* *— gas-powered emergency resuscitators, which are given in ISO 10651-5;* *— oxygen therapy constant flow ME equipment; and*	**2026-03-24**

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	— cuirass and "iron-lung" ventilators.	
SANS 5151:20xx Ed 3	Non-ducted air conditioners and heat pumps — Testing and rating for performance. *This document specifies performance testing, the standard conditions and the test methods for determining the capacity and efficiency ratings of air-cooled air conditioners and air-to-air heat pumps.*	**2026-03-24**

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 1414:202X Ed 1.1	*General specification and testing procedures for sealed insulated glass units (SIGU)*	Amended to update referenced standards, and to delete reference to a trade name.	**2026-03-24**
SANS 3001-GR1:2XXXX Ed 1.4	*Civil engineering test methods Part GR1: Wet preparation and particle size analysis*	Amended to update referenced standards, and to update the clauses on apparatus, and procedure.	**2026-03-24**
SANS 251:202X Ed 5.2	*Long-link and extra-long-link medium tolerance steel chains for general purposes*	Amended to delete the annex on notes to purchasers, and to update the note in the table for mechanical properties.	**2026-03-24**
SANS 1638:XXXX Ed 3.1	*Pneumatically powered chain hoists*	Amended to correct the annex on testing of load limiters and to delete the annex on notes to purchasers.	**2026-03-24**
SANS 1043:202X Ed 3.2	*Disposable sanitary pads*	Amended to change title, change the word "towels" and update requirements on packaging.	**2026-03-24**
SANS 21149:20xx Ed 2.1 and ISO amdt 1	*Cosmetics — Microbiology — Enumeration and detection of aerobic mesophilic bacteria*	Amended to add a new culture medium as an alternative to Eugon LT 100 liquid broth.	**2026-03-24**

If your organization is interested in participating in these committees, obtaining a copy of the draft or would like to send comments on draft documents, please send an e-mail to Dsscomments@sabs.co.za for more information or visit SABS website

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

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

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