

## GENERAL NOTICES • ALGEMENE KENNISGEWINGS

## DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

## GENERAL NOTICE 2000 OF 2023

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 2340 Ed 1	<i>Sclerocarya birrea caffra (Marula) seed oil.</i> Applies to Marula ( <i>Sclerocarya birrea</i> ) seed oil suitable for cosmetic use.	2023-10-16
SANS 22441 Ed 1	<i>Sterilization of health care products – Low temperature vaporized hydrogen peroxide – Requirements for the development, validation and routine control of a sterilization process for medical devices.</i> Provides requirements for the development, validation and routine monitoring and control of a low temperature sterilization process for medical devices using vaporized hydrogen peroxide (VH <sub>2</sub> O <sub>2</sub> ) as the sterilizing agent.	2023-10-16
SANS 60317-15 Ed 1	<i>Specifications for particular types of winding wires – Part 15: Polyesterimide enamelled round aluminium wire, class 180.</i> Specifies the requirements of enamelled round aluminium winding wire of class 180 with a sole coating based on polyesterimide resin, which may be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements.	2023-10-22
SANS 11690-1 Ed 2	<i>Acoustics – Recommended practice for the design of low-noise workplaces containing machinery – Part 1: Noise control strategies.</i> Outlines strategies to be used in dealing with noise problems in existing and planned workplaces by describing basic concepts in noise control.	2023-10-22
SANS 11690-2 Ed 2	<i>Acoustics – Recommended practice for the design of low-noise workplaces containing machinery – Part 2: Noise control measures.</i> Deals with the technical aspects of noise control in workplaces.	2023-10-22
SANS 62275 Ed 3	<i>Cable management systems – Cable ties for electrical installations.</i> Specifies requirements for metallic, non-metallic and composite cable ties and their associated fixing devices used for the management and support of wiring systems in electrical installations.	2023-10-22
SANS 61537 Ed 1	<i>Cable management – Cable tray systems and cable ladder systems.</i> Specifies requirements and tests for cable tray systems and cable ladder systems intended for the support and accommodation of cables and possibly other electrical equipment in electrical and/or communication systems installations.	2023-10-22
SANS 61535 Ed 2	<i>Installation couplers intended for permanent connection in fixed installations.</i> Applies to two up to five wire installation couplers including earth, if provided, with a rated voltage up to and including 500 V a.c. and a rated connecting capacity up to and including 10 mm <sup>2</sup> for permanent connection in indoor electrical installations.	2023-10-22
SANS 27005 Ed 4	<i>Information security, cybersecurity and privacy protection – Guidance on managing information security risks.</i> Provides guidance on the implementation of the information security risk requirements specified in ISO/IEC 27001 (published in South Africa as an identical adoption under the designation SANS 27001).	2023-10-22
SANS 10373-7 Ed 2	<i>Identification cards – Test methods – Part 7: Vicinity cards.</i> Deals with test methods, which are specific to contactless integrated circuit card technology.	2023-10-22
SANS 60601-1-9 Ed 1	<i>Medical electrical equipment – Part 1-9: General requirements for basic safety and essential performance -Collateral Standard: Requirements for environmentally conscious design.</i> Applies to the reduction of adverse	2023-10-22

	environmental impacts of medical electrical equipment, hereafter referred to as ME equipment.	
SANS 62146-2 Ed 1	<i>Capacitors for high-voltage alternating current circuit-breakers – Part 2: TRV capacitors.</i> Applicable to TRV capacitors used on high-voltage alternating current circuit-breakers with rated voltages above 100 kV with 50 Hz or 60 Hz.	2023-10-22
SANS 62271-110 Ed 5	<i>High-voltage switchgear and controlgear – Part 110: Inductive load switching.</i> Applies to AC switching devices designed for indoor or outdoor installation, for operation at frequencies of 50 Hz and 60 Hz on systems having voltages above 1 000 V and applied for inductive current switching.	2023-10-22
SANS 60076-25 Ed 1	<i>Power transformers – Part 25: Neutral grounding resistors.</i> Applies to dry type natural air-cooled resistors, for neutral grounding of transformers and generators, in order to limit the earth fault current in power systems by means of metallic resistive elements.	2023-10-22
SANS 10373-1 Ed 3	<i>Cards and security devices for personal identification – Test methods – Part 1: General characteristics.</i> Describes the test methods for characteristics of identification cards according to ISO/IEC 7810 (published in South Africa as an identical adoption under the designation SANS 7810) and other standards.	2023-10-22

### 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

### SCHEDULE A.2: WITHDRAWAL OF THE SOUTH AFRICAN NATIONAL STANDARDS

In terms of section 24(1)(C) of the Standards Act, the following published standards are issued for comments with regard to the intention by the South African Bureau of Standards to withdraw them.

Draft Standard No. and Edition	Title	Reason for withdrawal	Closing Date
CKS 238 Ed 2.1	<i>Weighing scales for patients (doctor's type).</i>	The standard is obsolete.	2023-09-06
CKS 241 Ed 2.1	<i>Mayo's tables.</i>	The standard is obsolete.	2023-09-06
CKS 373 Ed 1.2	<i>Recovery beds (X-ray type).</i>	The standard is obsolete.	2023-09-06
SANS 60384-6-1 Ed 2	<i>Fixed capacitors for use in electronic equipment – Part 6-1: Blank detail specification: Fixed metallized polycarbonate film dielectric d.c. capacitors – Assessment level E.</i>	The standard is obsolete.	2023-09-06
SANS 60384-6 Ed 2	<i>Fixed capacitors for use in electronic equipment – Part 6: Sectional specification: Fixed metallized polycarbonate film dielectric d.c. capacitors.</i>	The standard is obsolete.	2023-09-06

**SCHEDULE A.3: WITHDRAWAL OF INFORMATIVE AND NORMATIVE DOCUMENTS**

In terms of section 24(5) of the Standards Act, the following documents are being considered for withdrawal.

Draft Standard No. and Edition	Title	Reason for withdrawal	Closing Date

**SECTION B: ISSUING OF THE SOUTH AFRICAN NATIONAL STANDARDS****SCHEDULE B.1: NEW STANDARDS**

Standard No. and year	Title, scope and purport
SANS 62819:2023 Ed 1	<i>Live working – Eye, face and head protectors against the effects of electric arc – Performance requirements and test methods.</i> Applies to eye, face and head protectors used in work where there is a risk of exposure to an electric arc hazard.
SANS 62832-1:2023 Ed 1	<i>Industrial-process measurement, control and automation – Digital factory framework – Part 1: General principles.</i> Defines the general principles of the Digital Factory framework (DF framework), which is a set of model elements (DF reference model) and rules for modelling production systems.
SATR 61511-0:2023 Ed 1	<i>Functional safety – Safety instrumented systems for the process industry sector – Part 0: Functional safety for the process industry and IEC 61511.</i> Provides an overview of the other three parts of IEC 61511.
SANS 19650-3:2023 Ed 1	<i>Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) – Information management using building information modelling – Part 3: Operational phase of the assets.</i> Specifies requirements for information management, in the form of a management process, within the context of the operational phase of assets and the exchanges of information within it, using building information modelling.
SATS 14092:2023 Ed 1	<i>Adaptation to climate change – Requirements on adaptation planning for local governments and communities.</i> Supports local government and communities in adapting to climate change based on vulnerability, impacts and risk assessments.
SANS 60335-2-99:2023 Ed 2	<i>Household and similar electrical appliances – Safety – Part 2-99: Particular requirements for commercial electric hoods.</i> Deals with the safety of electrically operated commercial hoods intended for installation above commercial cooking appliances such as ranges, griddles, griddle grills and deep fat fryers, their rated voltage being not more than 250 V for single phase hoods connected between one phase and neutral, and 480 V for other hoods.
SANS 60890:2023 Ed 3	<i>A method of temperature-rise verification of low-voltage switchgear and controlgear assemblies by calculation.</i> Specifies a method of air temperature-rise calculation inside enclosures for low-voltage switchgear and controlgear assemblies or similar products in accordance with their respective standard.
SANS 61672-1:2023 Ed 2	<i>Electroacoustics – Sound level meters – Part 1: Specifications.</i> Gives electroacoustical performance specifications for three kinds of sound measuring instruments: a time weighting sound level meter that measures exponential time weighted, frequency weighted sound levels; an integrating-averaging sound level meter that measures time-averaged, frequency-weighted sound levels; and an integrating sound level meter that measures frequency-weighted sound exposure levels.

Standard No. and year	Title, scope and purport
SANS 61672-3:2023 Ed 2	<i>Electroacoustics – Sound level meters – Part 3: Periodic tests.</i> Describes procedures for periodic testing of time-weighting, integrating-averaging, and integrating sound level meters that were designed to conform to the class 1 or class 2 specifications of the second edition of IEC 61672-1 (published in South Africa as an identical adoption under the designation SANS 61672-1).
SANS 62271-4:2023 Ed 2	<i>High-voltage switchgear and controlgear – Part 4: Handling procedures for gases for insulation and/or switching.</i> Applies to the procedures for handling of gases for insulation and/or switching during installation, commissioning, repair, overhaul, normal and abnormal operations and disposal at the end-of-life of electric power equipment.
SANS 80079-34:2023 Ed 2	<i>Explosive atmospheres – Part 34: Application of quality systems for equipment manufacture.</i> Specifies particular requirements and information for establishing and maintaining a quality management system to manufacture Ex Products in accordance with the certificates.
SANS 9809-3:2023 Ed 3	<i>Gas cylinders – Design, construction and testing of refillable seamless steel gas cylinders and tubes – Part 3: Normalized steel cylinders and tubes.</i> Specifies minimum requirements for the material, design, construction and workmanship, manufacturing processes, examination and testing at the time of manufacture for refillable seamless steel gas cylinders and tubes with water capacities up to and including 450 l.
SANS 490:2023 Ed 2	<i>Alcohol-based hand sanitizer and handrub.</i> Specifies requirements of alcohol-based hand sanitiser and handrub in the form of liquid, gel, foam or aerosol.
SANS 15189:2023 Ed 4	<i>Medical laboratories – Requirements for quality and competence.</i> Applies to medical laboratories in developing their management systems and assessing their competence.
SANS 14906:2023 Ed 2	<i>Electronic fee collection – Application interface definition for dedicated short-range communication.</i> Specifies the application interface in the context of electronic fee collection (EFC) systems using dedicated short-range communication (DSRC).
SANS 14907-1:2023 Ed 3	<i>Electronic fee collection – Test procedures for user and fixed equipment – Part 1: Description of test procedures.</i> Specifies the test procedures of electronic fee collection (EFC) roadside equipment (RSE) and on-board equipment (OBE) with regard to the conformance to standards and requirements for type approval and acceptance testing which is within the realm of EFC application specifically.
SANS 14907-2:2023 Ed 3	<i>Electronic fee collection – Test procedures for user and fixed equipment – Part 2: Conformance test for the on-board unit application interface.</i> Describes tests which verify on-board unit (OBU) conformance of functions and data structures implementations, as defined in the implementation conformance statement (ICS) based on ISO 14906 (published in South Africa as an identical adoption under the designation SANS 14906) for EFC applications.

**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 60601-2-65:2023 Ed 1.2	<i>Medical electrical equipment – Part 2-65: Particular requirements for the basic safety and essential performance of dental intra-oral X-ray equipment. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards, clauses on general requirements, ME equipment identification, marking and documents, immunity testing of essential performance, radiation management, limitation of the extent of the X-ray beam and relationship between X-ray field and image reception area, protection against leakage radiation, and protection against stray radiation.
SANS 60799:2023 Ed 2.1	<i>Electrical accessories – Cord sets and interconnection cord sets. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, terms and definitions, and the requirements.
SANS 2220-2-3:2023 Ed 1.3	<i>Electrical security systems – Part 2-3: Access control systems: Card readers Consolidated edition incorporating amendment No. 3.</i> Amended to update the list of parts in the foreword and referenced standards.
SANS 2220-2-4:2023 Ed 1.1	<i>Electrical security systems – Part 2-4: Access control systems: Reader controllers. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 10119:2023 Ed 2.4	<i>Reduction of explosion hazards presented by electrical equipment – Segregation, ventilation and pressurization. Consolidated edition incorporating amendment No. 4.</i> Amended to update a note to the scope, ventilation requirements, and referenced standards.
SANS 60320-3:2023 Ed 1.2	<i>Appliance couplers for household and similar general purposes – Part 3: Standard sheets and gauges. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards, general requirements, requirements on gauges, and standard sheets, and to add the annex on compatibility.
SANS 60601-2-10:2023 Ed 2.1	<i>Medical electrical equipment – Part 2-10: Particular requirements for the basic safety and essential performance of nerve and muscle stimulators. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, the clauses on accuracy of controls and instruments and protection against hazardous outputs, hazardous situations and fault conditions for ME equipment, and electromagnetic compatibility disturbances – requirements and tests.

**GENERAL**

Standard/draft No.	Title	Scope	New number/designation
SANS 3001-GR20	<i>Civil engineering test methods Part – GR20 Determination of the moisture content by oven drying.</i>	Describes a method for determining the moisture content of test samples taken from gravel, sand or soil, by drying in an oven to a constant mass.	SANS 3001-PR20

**SCHEDULE B4: ESTABLISHMENT OF TECHNICAL COMMITTEES**

In terms of the South African Norm for the development of South African National Standards, the following technical committee has been established:

Committee No.	Title	Scope

**SCHEDULE B7: ADDRESS OF THE SOUTH AFRICAN BUREAU OF STANDARDS HEAD OFFICE**

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