

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

GENERAL NOTICE 1947 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 63008 Ed 1	<i>Household and similar electrical appliances - Accessibility of control elements, doors, lids, drawers and handles.</i> This document contains accessibility requirements to enable more accessible use of certain elements found on household and similar electrical appliances by older persons and persons with disabilities. It provides guidance to achieve accessible design of only control elements (e.g. knobs, buttons), including control panels, display screens and doors, lids, drawers and handles. It does not enable the full assessment of the overall accessibility of a household appliance. This document covers supporting and auxiliary functions that a user performs regularly. Assembly, installation, configuration or repair of appliances are excluded. This document provides test methods and data that support accessible design. This document gives guidance to apply ISO/TR 22441:2008 and ISO/IEC Guide 71:2014 to the design of various interactive elements of household and similar electrical appliances. It does not deal with remote controls, or control via network or mobile applications. Touch control elements are covered in this document (see also Annex A), but new interaction controls, such as gestures and speech control, are not covered. This document does not deal with safety issues.	2023-09-17
SANS 301489-13 Ed 1	<i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Electroagnetic Compatibility (EMC) standard for radio equipment and services; Part 13: Specific conditions for Citizens' Band (CB) radio and ancillary equipment (speech and non-speech).</i> Covers the assessment of Citizens' Band (CB) radio equipment, intended for the transmission of speech and/or data (non-speech), and associated ancillary equipment, in respect of Electromagnetic Compatibility (EMC).	2023-09-17

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 5210 Ed 2.4	<i>Determination of Nitrate and Nitrate in water samples.</i>	Amended to change the title of the standard, to update technical content on some of the clauses.	2023-09-18

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
SANS 60598-2-6 Ed 1	<i>Luminaires Part 2: Particular requirements Section 6: Luminaires with built-in transformers or convertors for filament lamps</i>	The standard is obsolete.	2023-09-30

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 62271-204:2023 Ed 2	<i>High-voltage switchgear and controlgear – Part 204: Rigid gas-insulated transmission lines for rated voltage above 52 kV.</i> Applies to rigid HV gas-insulated transmission lines (GIL) in which the insulation is obtained, at least partly, by an insulating gas or gas mixture other than air at atmospheric pressure, for alternating current of rated voltages above 52 kV, and for service frequencies up to and including 60 Hz.
SANS 1482:2023 Ed 3	<i>Ladies' shoes, flat lasted, with stuck-on outer soles.</i> Specifies requirements for materials and construction for ladies' shoes made in accordance with the flat-lasted stuck-on principle.
SANS 12402-2:2023 Ed 2	<i>Personal flotation devices – Part 2: Lifejackets, performance level 275 – Safety requirements.</i> Specifies the safety requirements for lifejackets, performance level 275.
SANS 7816-4:2023 Ed 4	<i>Identification cards – Integrated circuit cards – Part 4: Organization, security and commands for interchange.</i> Specifies contents of command-response pairs exchanged at the interface.
SANS 62841-3-10:2023 Ed 1	<i>Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-10: Particular requirements for transportable cut-off machines.</i> Applies to transportable cut-off machines intended to cut materials such as metals, concrete and masonry and to be fitted with one abrasive.
SANS 60335-2-113:2023 Ed 1	<i>Household and similar electrical appliances – Safety – Part 2-113: Particular requirements for beauty care appliances incorporating lasers and intense light sources.</i> Deals with the safety of cosmetic and beauty care appliances incorporating lasers or intense light sources for household and similar purposes, where their operation relies on contact with the skin, their rated voltage being not more than 250 V.
SATS 62257-7-3:2023 Ed 1	<i>Recommendations for small renewable energy and hybrid systems for rural electrification – Part 7-3: Generator set – Selection of generator sets for rural electrification systems.</i> Specifies the general requirements for the selection, sizing, erection and operation of generator sets in decentralized rural electrification systems.

Standard No. and year	Title, scope and purport
SANS 62282-3-100:2023 Ed 2	<i>Fuel cell technologies – Part 3-100: Stationary fuel cell power systems – Safety.</i> Applies to stationary packaged, self-contained fuel cell power systems or fuel cell power systems comprised of factory matched packages of integrated systems which generate electricity through electrochemical reactions.
SANS 60947-8:2023 Ed 2	<i>Low-voltage switchgear and controlgear – Part 8: Control units for built-in thermal protection (PTC) for rotating electrical machines.</i> Specifies requirements for control units, which control a switching device in response to the PTC thermistors incorporated in rotating electrical machines and the industrial application.
SANS 20346:2023 Ed 3	<i>Personal protective equipment – Protective footwear.</i> Specifies basic and additional (optional) requirements for protective footwear used for general purpose.
SANS 556-2-5:2023 Ed 2	<i>Low-voltage switchgear – Part 2-5: Earth leakage switches – Switches that incorporate residual current protection.</i> Covers earth leakage devices, without overcurrent protection, rated at voltages not exceeding 1 000 V a.c., with residual operating currents from 6 mA to 30 A.
SANS 60335-2-111:2023 Ed 1	<i>Household and similar electrical appliances – Safety – Part 2-111: Particular requirements for electric ondol mattress with a non-flexible heated part.</i> Deals with the safety of electric ondol-mattresses for household and similar purposes, their rated voltage being not more than 250 V.
SANS 60507:2023 Ed 1	<i>Artificial pollution tests on high-voltage ceramic and glass insulators to be used on a.c. systems.</i> Applies to the determination of the power frequency withstand characteristics of ceramic and glass insulators to be used outdoors and exposed to polluted atmospheres, on a.c. systems with the highest voltage of the system greater than 1 000 V.
SANS 62841-4-2:2023 Ed 1	<i>Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 4-2: Particular requirements for hedge trimmers.</i> Applies to hand-held hedge trimmers which are designed for use by one operator for trimming hedges and bushes, including extended-reach hedge trimmers with a maximum length of 3,5 m.
SANS 51177:2023 Ed 2	<i>Impact attenuating playground surfacing – Methods of test for determination of impact attenuation.</i> Specifies the test apparatus and the impact test methods for determining the impact attenuation of surfacing by measuring the acceleration experienced during impact.
SANS 301489-33:2023 Ed 1	<i>Electromagnetic compatibility (EMC) standard for radio equipment and services – Part 33: Specific conditions for ultra-wideband (UWB) devices; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU.</i> Specifies technical characteristics and methods of measurements for radio devices based on UWB technology in respect of Electromagnetic Compatibility (EMC).
SANS 303687:2023 Ed 1	<i>6 GHz WAS/RLAN; Harmonised Standard for access to radio spectrum.</i> Specifies technical characteristics and methods of measurements for 6 GHz Wireless Access Systems including Radio Local Area Network (WAS/RLAN) equipment.
SATR 15801:2023 Ed 1	<i>Document management – Electronically stored information – Recommendations for trustworthiness and reliability.</i> Describes the implementation and operation of information management systems that store and make available for use electronically stored information (ESI) in a trustworthy and reliable manner.
SATS 19163-2:2023 Ed 1	<i>Geographic information – Content components and encoding rules for imagery and gridded data – Part 2: Implementation schema.</i> Specifies an implementation schema based on the content models for geographic imagery and gridded thematic data defined in the ISO/TS 19163-1 (published in South Africa as an identical adoption under the designation SATS 19163-1).
SANS 60335-2-74:2023 Ed 3	<i>Household and similar electrical appliances – Safety – Part 2-74: Particular requirements for portable immersion heaters.</i> Deals with the safety of portable electric immersion heaters for household and similar purposes, their rated voltage being not more than 250 V.

Standard No. and year	Title, scope and purport
SANS 60335-2-34:2023 Ed 6	<i>Household and similar electrical appliances – Safety – Part 2-34: Particular requirements for motor-compressors.</i> Deals with the safety of sealed (hermetic and semi-hermetic type) motor-compressors, their protection and control systems, if any, which are intended for use in equipment for household and similar purposes and which conform with the standards applicable to such equipment.
SANS 7811-2:2023 Ed 3	<i>Identification cards – Recording technique – Part 2: Magnetic stripe – Low coercivity.</i> Defines the characteristics for identification cards as defined in Clause 4 of this document and the use of such cards for international interchange.
SANS 7811-6:2023 Ed 4	<i>Identification cards – Recording technique – Part 6: Magnetic stripe – High coercivity.</i> Specifies requirements for a high coercivity magnetic stripe (including any protective overlay) on an identification card, the encoding technique and coded character sets.
SANS 15693-1:2023 Ed 3	<i>Cards and security devices for personal identification – Contactless vicinity objects – Part 1: Physical characteristics.</i> Defines the physical characteristics of vicinity cards (VICCs).
SANS 15693-3:2023 Ed 3	<i>Cards and security devices for personal identification – Contactless vicinity objects – Part 3: Anticollision and transmission protocol.</i> Specifies the protocols and commands other parameters required to initialize communications between a vicinity integrated circuit card and a vicinity coupling device, methods to detect and communicate with one card among several cards ("anticollision"), optional means to ease and speed up the selection of one among several cards based on application criteria.
SANS 61557-16:2023 Ed 1	<i>Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. – Equipment for testing, measuring or monitoring of protective measures – Part 16: Equipment for testing the effectiveness of the protective measures of electrical equipment and/or medical electrical equipment.</i> Defines performance requirements for test and measurement equipment to determine the effectiveness of the protective measures of electrical measures for electrical equipment and/or medical electrical equipment described in IEC 62353.
SANS 60079-31:2023 Ed 3	<i>Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t".</i> Applies to equipment protected by enclosure and surface temperature limitation for use in explosive dust atmospheres.
SANS 62055-31:2023 Ed 2	<i>Electricity metering – Payment systems – Part 31: Particular requirements – Static payment meters for active energy (classes 0,5,1 and 2).</i> Applies to newly manufactured, static watt-hour payment meters of accuracy classes 0,5, 1 and 2 for direct connection, for the measurement of alternating current electrical energy consumption of a frequency in the range 45 Hz to 65 Hz that include a supply control switch for the purpose of interruption or restoration of the electricity supply to the load in accordance with the current value of the available credit maintained in the payment meter.
SANS 9809-1:2023 Ed 3	<i>Gas cylinders – Design, construction and testing of refillable seamless steel gas cylinders and tubes – Part 1: Quenched and tempered steel cylinders and tubes with tensile strength less than 1 100 MPa.</i> Specifies minimum requirements for the material, design, construction and workmanship, manufacturing processes, examination and testing at time of manufacture for refillable seamless steel gas cylinders and tubes with water capacities up to and including 450 l.

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 60335-2-17:2023 Ed 3.2	<i>Household and similar electrical appliances – Safety – Part 2-17: Particular requirements for blankets, pads, clothing, and similar flexible heating appliances. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards, terms and definitions, general conditions for the tests, the requirements for classification, marking and instructions, power input and current, heating, leakage current and electric strength at operating temperature, moisture resistance, leakage current and electric strength, abnormal operation, mechanical strength, construction, supply connection and external flexible cords, resistance to heat and fire, and to update the figures on radiation, toxicity and similar hazards and the annex on routine tests.
SANS 60335-2-54:2023 Ed 4.2	<i>Household and similar electrical appliances – Safety – Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam. Consolidated edition incorporating amendment No. 2.</i> Amended to update the clause on stability and mechanical hazards requirements, and construction requirements.
SANS 62841-3-1:2023 Ed 1.1	<i>Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-1: Particular requirements for transportable table saws. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, terms and definitions, the clauses on marking and instructions, and on abnormal operation, the requirements on mechanical hazards, mechanical strength, construction, creepage distances, and on clearances and distances through insulation, and the annex on battery tools and battery packs.
Standard No. and year	Title, scope and purport
SANS 1652:2023 Ed 1.7	<i>Battery chargers – Industrial type. Consolidated edition incorporating amendment No. 7.</i> Amended to update referenced standards, the requirements on electrolytic capacitors, enclosure, preparation of battery charger, and to change the designation of annex A from "guide to purchasers on preparing an enquiry" to "guide on preparing an enquiry".
SANS 3001-GR40:2023 Ed 1.2	<i>Civil engineering test methods – Part GR40: Determination of the California bearing ratio. Consolidated edition incorporating amendment No. 2.</i> Amended to update the introduction, referenced standards, the clauses on apparatus, procedure, calculations, test report, and the annex on example of the calculation procedure.
SANS 1350:2023 Ed 1.3	<i>Guardrails for roads – W-section. Consolidated edition incorporating amendment No. 3.</i> Amended to update the requirements for materials and dimensions, the table on tensile properties, and figures, and to delete the appendix on notes to purchasers.
SANS 434:2023 Ed 6.2	<i>General Protective Clothing. Consolidated edition incorporating amendment No. 2.</i> Amended to update the referenced standards, the pocket requirements, and to delete the annex on notes to purchasers.
SANS 414:2023 Ed 1.1	<i>Coal and coke – Analysis and testing – Higher rank coal ash and coke ash – Major and minor elements – Acid digestion/flame atomic absorption spectrometric method. Consolidated edition incorporating amendment No. 1.</i> Amended to update the referenced standards.
SANS 409:2023 Ed 1.1	<i>Coal and coke – Analysis and testing – Determination of trace elements – Coal, coke and fly-ash – Determination of eleven trace elements – Flame atomic absorption spectrometric method. Consolidated edition incorporating amendment No. 1.</i> Amended to update the referenced standards.
SANS 446:2023 Ed 4.2	<i>Absorbent gauze (fabric and swabs) and butter muslin. Consolidated edition incorporating amendment No. 2.</i> Amended to delete the annex on notes to purchasers.
SANS 1118-6:2023 Ed 3.4	<i>School clothing – Part 6: Dresses, tunics and gyms. Consolidated edition incorporating amendment No. 4.</i> Amended to delete the annex on notes to purchasers.
SANS 1118-10:2023 Ed 1.5	<i>School clothing – Part 10: Jerseys and cardigans. Consolidated edition incorporating amendment No. 5.</i> Amended to update referenced standards and to delete the appendix on notes to purchasers.
SANS 1613:2023 Ed 2.1	<i>Warp-knitted terry towelling fabric and articles. Consolidated edition incorporating amendment No. 1.</i> Amended to delete the annex on notes to purchasers.

SCHEDULE B.3: WITHDRAWN STANDARDS

In terms of section 24(1)(C) of the Standards Act, the following standards have been withdrawn.

Standard No. and year	Title
ARP 062-2:2005 Ed 1	<i>Recommendations for small renewable energy and hybrid systems for rural electrification – Part 2: From requirements to a range of electrification systems.</i>
ARP 062-6:2006 Ed 1	<i>Recommendations for small renewable energy and hybrid systems for rural electrification – Part 6: Acceptance, operation, maintenance and replacement.</i>
ARP 062-7-1:2011 Ed 2	<i>Recommendations for small renewable energy and hybrid systems for rural electrification – Part 7-1: Generators – Photovoltaic generators.</i>
ARP 062-8-1:2007 Ed 1	<i>Recommendations for small renewable energy and hybrid systems for rural electrification – Part 8-1: Selection of batteries and battery management systems for stand-alone electrification systems – Specific case of automotive flooded lead-acid batteries available in developing countries.</i>
ARP 062-9-1:2009 Ed 1	<i>Recommendations for small renewable energy and hybrid systems for rural electrification – Part 9-1: Micropower systems.</i>
ARP 062-9-3:2008 Ed 1	<i>Recommendations for small renewable energy and hybrid systems for rural electrification – Part 9-3: Integrated system – User interface.</i>
ARP 062-9-5:2007 Ed 1	<i>Recommendations for small renewable energy and hybrid systems for rural electrification – Part 9-5: Integrated system – Selection of portable PV lanterns for rural electrification projects.</i>
ARP 062-12-1:2008 Ed 1	<i>Recommendations for small renewable energy and hybrid systems for rural electrification – Part 12-1: Selection of self-ballasted lamps (CFL) for rural electrification systems and recommendations for household lighting equipment.</i>
SANS 5117:2005 Ed 2	<i>Textiles – Formulae used in statistical analysis.</i>
CKS 499:2013 Ed 1.2	<i>Laundry alkali.</i>

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

If your organization is interested in participating in these committees, please send an e-mail to Dsscomments@sabs.co.za for more information.

SCHEDULE B5: RETRACTION OF PREVIOUSLY GAZETTED ITEMS

Notice is hereby given that the following standards gazetted for public enquiry have been retracted.

Standard No.	Title	Scope	Date gazetted

SCHEDULE B6: GENERAL

Notice is hereby given that the following standards/draft standard have been renumbered.

Standard/draft No.	Title	Scope	New number/designation

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.
