

DEPARTMENT OF TRADE AND INDUSTRY

NOTICE 125 OF 2020

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 279-1 Ed 1	<i>Paints and varnishes - Determination of scratch resistance - Part 1: Constant-loading method.</i> Specifies a test method for determining under defined conditions the resistance of a single coating or a multi-coat system of paint, varnish or related product to penetration by scratching with a scratch stylus loaded with a specified load.	2020-04-13
SANS 942 Ed 3	<i>School shoes with direct injection-moulded soles and heels.</i> Covers three types of school shoes made according to the direct injection-moulded principle.	2020-03-27
SANS 62271-304 Ed 2	<i>High-voltage switchgear and controlgear Part 304: Design classes for indoor enclosed switchgear and controlgear for rated voltages above 1 kV up to and including 52 kV to be used in severe climatic conditions.</i> Applies to indoor enclosed switchgear and controlgear complying with SANS 62271-200 and SANS 62271-201, intended to be used in special service conditions with respect to condensation and pollution deviating from the normal service conditions specified in SANS 62271-1.	2020-04-02
SANS 62271-111 Ed 3	<i>High-voltage switchgear and controlgear Part 111: Automatic circuit reclosers and fault interrupters for alternating current systems up to 38 kV.</i> Applies to all overhead, pad-mounted, dry vault and submersible single or multi-pole attenuating current automatic circuit reclosers for rated maximum voltages above 1 000 V and up to and including 38 kV.	2020-03-02
SANS 22301 Ed 2	<i>Societal security - Business continuity management systems – Requirements.</i> Specifies requirements to plan, establish, implement, operate, monitor, review, maintain and continually improve a documented management system to protect against, reduce the likelihood of occurrence, prepare for, respond to, and recover from disruptive incidents when they arise	2020-04-15
SANS 22316 Ed 1	<i>Security and Resilience - Organizational resilience - principles and attributes.</i> Provides guidance to enhance organizational resilience for any size or type of organization.	2020-04-15
SANS 8892 Ed 1	<i>Standard for Performance-Rated Cross-Laminated Timber.</i> This standard provides dimensions and tolerances, performance requirements, test methods, quality assurance, and trademarking for CLT panels.	2020-04-14
SANS 17088 Ed 1	<i>Specifications for compostable plastics.</i> Specifies procedures and requirements for the identification and labelling of plastics and products made from plastics that are suitable for recovery through aerobic composting.	2020-04-14
SANS 90003 Ed 1	<i>Software engineering - Guidelines for the application of ISO 9001:2015 to computer software.</i> Provides guidance for organizations in the application of ISO 9001:2015 to the acquisition, supply, development, operation and maintenance of computer software and related support services	2020-04-17
SANS 61010-2-033 Ed 1	<i>Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-033: Particular requirements for hand-held multimeters for domestic and professional use, capable of measuring MAINS voltage.</i> Specifies safety requirements for hand-held multimeters for domestic and professional use, capable of measuring mains.	2020-04-17
SANS 60335-2-89 Ed 3	<i>Household and similar electrical appliances - Safety Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant unit or compressor.</i> This part of IEC 60335 specifies safety requirements for electrically operated commercial refrigerating appliances and ice-	2020-04-17

	makers that have an incorporated motor-compressor or that are supplied in two units for assembly as a single appliance in accordance with the instructions (split system).	
SANS 60335-2-51 Ed 3	<i>Household and similar electrical appliances - Safety Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations.</i> This international standard deals with the safety of electric stationary circulation pumps for household and similar purposes intended for use in heating systems or in service water systems, their rated voltage being no more than 250 V for single-phase appliances and 480 V for other appliances.	2020-04-17
SANS 60335-2-114 Ed 1	<i>Household and similar electrical appliances - Safety -Part 2-114: Particular requirements for self-balancing personal transport devices for use with batteries containing alkaline or other non-acid electrolytes.</i> . Deals with the electrical safety of self-balancing personal transport devices for use with batteries containing alkaline or other non-acid electrolytes.	2020-04-17
SANS 60335-2-86 Ed 3	<i>Household and similar electrical appliances - Safety Part 2-86: Particular requirements for electric fishing machines.</i> This part of IEC 60335 deals with the safety of electric fishing machines by means of which water may be electrified for the purpose of catching fish or for providing barriers to all animals living in the water.	2020-04-17
SANS 60335-2-107 Ed 2	<i>Household and similar electrical appliances Safety - Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers.</i> This document specifies safety requirements and their verification for the design and construction of robotic battery powered electrical rotary lawnmowers and their peripherals with the rated voltage of the battery being more than 75 V d.c.	2020-04-17
SANS 61010-2-081 Ed 2	<i>Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes.</i> This part of IEC 61010 applies to automatic and semi-automatic laboratory equipment for analysis and other purposes.	2020-04-17
SANS 60794-1-21 ED 1	<i>Optical fibres Cables - Part 1-21: General specification - Basic optical cable test procedures - Mechanical test methods.</i> Applies to optical fibre cables for use with telecommunication equipment and devices employing similar techniques, and to cables having a combination of both optical fibres and electrical conductors.	2020-04-17
SANS 60335-2-9 Ed 5	<i>Household and similar electrical appliances - Safety Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances.</i> This international standard deals with the safety of electric portable appliances for household and similar purposes that have a cooking function such as baking , roasting and grilling, their rated voltage being not more than 250 V.	2020-04-17
SANS 62275 Ed 2	<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.	2020-04-17
SANS 61010-2-012 Ed 1	<i>Safety requirements for electrical equipment for measurement, control, and laboratory use -Part 2-012: Particular requirements for climatic and environmental testing and other temperature conditioning equipment.</i> Specifies safety requirements for electrical equipment and its accessories within the categories a) through c).	2020-04-07
SANS 60947-7-4 Ed 2	<i>Low-voltage switchgear and controlgear Part 7-4: Ancillary equipment - PCB terminal blocks for copper conductors.</i> Specifies requirements for PCB terminal blocks primarily intended for industrial or similar use.	2020-04-17
SANS 60076-22-4 Ed 1	<i>Power transformers -Part 22-4: Power transformer and reactor fittings - Insulating liquid to water heat exchangers.</i> Applies to liquid to water heat exchangers, using forced water and forced liquid circuits, used on liquid immersed power transformers according to SANS 60076-1 and reactors according to SANS 60076-6 with and without conservator for indoor or outdoor installation.	2020-04-17
SANS 14067 Ed 1	<i>Greenhouse gases - Carbon footprint of products - Requirements and guidelines for quantification.</i> This document specifies principles, requirements and guidelines for the quantification and reporting of the carbon footprint of a product (CFP), in a manner consistent with international standards on life cycle assessment (LCA) (ISO 14040 and ISO 14044).	2020-04-17

SANS 7404-4 Ed 1	<i>Methods for the petrographic analysis of coals -- Part 4: Method of determining microlithotype, carbominerite and minerite composition.</i> Specifies a method, using a graticule with 20 crossline intersections, for determining the proportions of microlithotypes, carbominerite and minerite in coals.	2020-04-18
SANS 987 Ed 1	<i>Adiabatic determination of spontaneous combustion.</i> Describes the method for determining the propensity of coals for spontaneous combustion using the adiabatic principle.	2020-04-21
ARP 2077 Ed 1	<i>Guideline on Ethics for Traditional Health Practitioners (THP) in traditional health care.</i> Specifies the discipline and professionalism required by an individual who has acquired skills of being a THP as well as adherence to ethical conduct in diagnosing, prescribing, dispensing, initiating and healing using ATM	2020-04-20
SATS 19157-1 Ed 1	<i>Geographic information - Data quality - Part 2: XML schema implementation..</i> This document defines data quality encoding in XML. It is an XML schema implementation and data quality of related concepts from ISO 19112-2	2020-04-20
SANS 17088 Ed 1	<i>Specifications for compostable plastics.</i> Specifies procedures and requirements for the identification and labelling of plastics and products made from plastics that are suitable for recovery through aerobic composting.	2020-04-14
SANS 7404-4 Ed 1	<i>Methods for the petrographic analysis of coals -- Part 4: Method of determining microlithotype, carbominerite and minerite composition.</i> Specifies a method, using a graticule with 20 crossline intersections, for determining the proportions of microlithotypes, carbominerite and minerite in coals.	2020-04-18
SANS 1634 Ed 1	<i>Barrier protection systems for treated wooden poles.</i> Covers the requirements for barrier protection systems used to augment treated wooden poles, posts and piling intended for ground contact service conditions by encapsulating their butts.	2020-04-21
SANS 660 Ed 4	<i>School furniture.</i> Covers the requirements for the materials, construction, finish and performance of tables, teachers' desks, chairs and stools for use in classrooms.	2020-03-24

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 682 Ed 3.1	<i>Aluminium paint.</i>	Amended to update referenced standards.	2020-04-04
SANS 941 Ed 1.2	<i>Energy efficiency of electrical and electronic apparatus.</i>	Amend introduction, to modify requirements, and to make reference to the latest department of energy latest guide.	2020-04-02
SANS 1661 Ed 3.3	<i>Cord extension sets.</i>	Amended to update referenced standards, the clause on requirements and to remove the annex for thermal overload operating curve.	2020-04-17
SANS 825 Ed 4.3	<i>Hand dishwashing or light duty detergent (liquid).</i>	Amended to update the figure on aluminium test panel and to delete the annex on notes to purchasers. .	2020-04-21

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 withdrawn them.

Draft Standard No. and Edition	Title	Reason for withdrawal	Closing Date
SANS 7846	<i>Electric cables - Thermosetting insulated armoured fire-resistant cables of rated voltage 600/1000 V, having low emission of smoke and corrosive gases when affected by fire – Specification.</i>	The standard is obsolete.	2020-04-30

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**

The following standards have been issued in terms of section 24(1)(a) of the Standards Act.

Standard No. and year	Title, scope and purport
SANS 4043:2020 Ed 1	<i>Simultaneous Interpreting - Mobile Booths – Requirements.</i> Provides requirements and recommendations for the manufacturing of mobile simultaneous interpreting booths.
SANS 50021:2020 Ed 1	<i>Energy management and energy savings - General guidelines for selecting energy savings evaluators.</i> Gives guidelines for selecting energy savings evaluators to determine ex-post (realized) energy savings for projects, organizations and regions.
SANS 56002:2020 Ed 1	<i>Innovation Management - Innovation management system – Guidance.</i> Provides guidance for the establishment, implementation, maintenance, and continual improvement of an innovation management system for use in all established organizations.
SANS 10114-1:2020 Ed 4	<i>Interior lighting Part 1: Artificial lighting of interiors.</i> Covers requirements for good lighting and also basic guidelines for, and recommendations on, the design of artificial lighting installations for general interior locations. Aimed at new installations in interior workplaces, but also applies in general to other interior locations.
SANS 608:2020 Ed 2	<i>Reference materials - Guidance for characterization and assessment of homogeneity and stability.</i> Explains concepts and provides approaches in the assessment of homogeneity, the assessment of stability and management of risks associated with possible stability issues related to the properties of interest, the characterization and value assignment of properties of a reference material, the evaluation of uncertainty for certified values and the establishment of the metrological traceability of certified property values.
SANS 10330:2020 Ed 3	<i>Requirements for a Hazard Analysis and Critical Control Point (HACCP) system.</i> Specifies the requirements for the development, establishment, implementation, maintenance and continual improvement of Hazard Analysis Critical Control Point (HACCP) as a preventative means to enhance the safety of food in all food handling organizations, directly or indirectly involved in the food chain.
SANS 22717:2020 Ed 2	<i>Cosmetics - Microbiology - Detection of Pseudomonas aeruginosa.</i> Gives general guidelines for the detection and identification of the specified micro-organism Pseudomonas aeruginosa in cosmetic products.
SANS 214-1:2020 Ed 4	<i>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 as defined below, whether powered by AC or DC (including a battery).
SANS 27003:2020 Ed 2	<i>Information technology - Security techniques - Information security management systems – Guidance.</i> Provides explanation and guidance on ISO/IEC 27001:2013 (published in South Africa as an identical adoption under the designation SANS 27001:2015).

Standard No. and year	Title, scope and purport
SANS 27004:2020 Ed 2	<i>Information technology - Security techniques - Information security management - Monitoring, measurement, analysis and evaluation.</i> Provides guidelines intended to assist organizations in evaluating the information security performance and the effectiveness of an information security management system in order to fulfil the requirements of ISO/IEC 27001:2013 (published in South Africa as an identical adoption under the designation SANS 27001:2015), 9.1.
SANS 23210:2020 Ed 1	<i>Stationary source emissions -- Determination of PM10/PM2,5 mass concentration in flue gas -- Measurement at low concentrations by use of impactors.</i> Specifies a standard reference method for the determination of PM10 and PM2,5 mass concentrations at stationary emission sources by use of two-stage impactors.
SATR 20694:2020 Ed 1	<i>A typology of language registers.</i> Gives the general principles for language registers in both descriptive and prescriptive environments.
SANS 60079-6:2020 Ed 4	<i>Explosive atmospheres Part 6: Equipment protection by liquid immersion "o".</i> Specifies the requirements for the design, construction, testing and marking of Ex Equipment and Ex Components with type of protection liquid immersion "o" intended for use in explosive gas atmospheres.
SANS 10400-T:2020 Ed 4	<i>The application of the National Building Regulations Part T: Fire protection.</i> Provides deemed-to-satisfy requirements for compliance with part T (Fire Protection) of the National Building Regulations.
SANS 11138-2:2020 Ed 3	<i>Sterilization of health care products - Biological indicators Part 2: Biological indicators for ethylene oxide sterilization processes.</i> Specifies requirements for test organisms, suspensions, inoculated carriers, biological indicators and test methods intended for use in assessing the performance of sterilizers and sterilization processes employing ethylene oxide gas as the sterilizing agent, either as pure ethylene oxide gas or mixtures of this gas with diluent gases, at sterilizing temperatures within the range of 29 °C to 65 °C.
SANS 15883-4:2020 Ed 2	<i>Washer-disinfectors Part 4: Requirements and tests for washer-disinfectors employing chemical disinfection for thermolabile endoscopes.</i> Specifies the particular requirements, including performance criteria for washerdisinfectors (WD) that are intended to be used for cleaning and chemical disinfection of thermolabile endoscopes.

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 60269-3:2020 Ed 3.2	<i>Low-voltage fuses Part 3: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household and similar applications) - Examples of standardized systems of fuses A to F. Consolidated edition incorporating amendment No. 2.</i> Amended to remove the introduction, to modify the scope, to update the requirements for fuse system A - D type fuse system, fuse system B - cylindrical fuses (NF cylindrical fuse system), fuse system C - cylindrical fuses (BS cylindrical fuse system) and fuse system F - cylindrical fuse-links for use in plugs (BS plug-top system), and to remove requirements for fuse system D - cylindrical fuses, type C (Italian cylindrical fuse system) and fuse system E - pin-type fuses.
SANS 470:2020 Ed 4.2	<i>Concrete poles for telephone, power and lighting purposes. Consolidated edition incorporating amendment No. 2.</i> Amended update referenced standards and requirements, and 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
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SANS 27687:2008 Ed 1	<i>Nanotechnologies - Terminology and definitions for nano-objects - Nanoparticle, nanofibre and nanoplate</i>
SANS 647:1974 Ed 1	<i>Brown coals and lignites - Determination of the yields of tar, water, gas and coke residue by low temperature distillation.</i>

SCHEDULE B.4: REINSTATEMENT OF WITHDRAWN STANDARD

In terms of section 4(2) (1) the South African Bureau of Standards has established the following technical committees:

Draft Standard No. and Edition	Title	Scope of amendment	Reason

SCHEDULE B.5: ESTABLISHMENT OF TECHNICAL COMMITTEES

In terms of section 4(2) (1) the South African Bureau of Standards has established the following technical committees:

Technical Committee No.:	Title	Scope

SCHEDULE B.6: DISBANDMENT OF TECHNICAL COMMITTEES

In terms of section 4(2) (1) the South African Bureau of Standards has disbanded the following technical committees:

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

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