

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 458 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 11724 Ed 2	<i>Solid mineral fuels - Determination of total fluorine in coal, coke and fly ash.</i> This document specifies a method for the determination of total fluorine in coal, coke and fly ash.	2020-09-11
SANS 52903 Ed 2	<i>Products used for treatment of water intended for human consumption - Powdered activated carbon.</i> Applicable to powdered activated carbon used for treatment of water intended for human consumption.	2020-09-11
SANS 57034 Ed 2	<i>Chemicals used for treatment of water intended for human consumption - Aluminum chloride anhydrous, aluminum chloride basic, dialuminium chloride pentahydroxide and aluminum chloride hydroxide sulfate.</i> Applicable to aluminium chloride anhydrous, aluminium chloride basic, dialuminium chloride, pentahydroxide and aluminium chloride hydroxide sulfate used for treatment of water intended for human consumption.	2020-09-11
SANS 50937 Ed 2	<i>Chemicals used for treatment of water intended for human consumption – Chlorine.</i> Applicable to chlorine used for treatment of water intended for human consumption.	2020-09-11
SANS 1953 Ed 1	<i>Hard coal - Size analysis by sieving.</i> This standard specifies reference methods for the size analysis of coal by manual sieving (wet and dry), using test sieves of aperture sizes between 125 mm and 45 µm.	2020-09-21
SANS 10400-L Ed 4	<i>The application of the National Building Regulations Part L: Roofs.</i> Provides deemed-to-satisfy requirements for compliance with part L (Roofs) of the National Building Regulations.	2020-09-24
SANS 53774 Ed 1	<i>Valves for gas distribution systems with maximum operating pressure less than or equal to 16 bar. Performance requirements.</i> This Standard deals with metal isolating valves used for gas distribution systems with maximum operating pressure up to 16 bar, and which operate with fuel gases of the first, the second and the third family, in accordance with EN 437.	2020-09-24
SANS 60076-21 Ed 2	<i>Power transformers - Part 21: Standard requirements, terminology, and test code for step-voltage regulators.</i> Describes electrical, mechanical and test requirements of liquid-immersed, single- and three-phase, 50 Hz and 60 Hz, self and forced-air cooled, distribution, overhead and substation, step-voltage regulators, 1 000 kVA (single-phase units) or 3 000 kVA (threephase units) and smaller, 34 500 volts and below (2 400 V minimum) and their associated controls.	2020-09-22
SANS 20700 Ed 1	<i>Guidance for Management Consultancy Services.</i> Help organizations improve their business through analysing their systems and processes and developing programmes for improvement. These can include everything from change management schemes to get them through a transition period or the implementation of new technology, right through to a complete overhaul of the whole business.	2020-10-19
SATS 62898-1 Ed 1	<i>Microgrids - Part 1: Guidelines for microgrid projects planning and specification.</i> Provide guidelines for microgrid projects planning and specification. Microgrids considered in this document are alternating current (AC) electrical systems with	2020-10-04

	loads and distributed energy resources (DER) at low or medium voltage level.	
SANS 862 Ed 3	<i>Set-top box decoder for free-to-air digital terrestrial television.</i> Sets out the minimum technical requirements for a standard-definition and high-definition set-top box decoder for free-to-air digital terrestrial television in South Africa.	2020-10-07
SANS 60895 Ed 1	<i>Live working - Conductive clothing.</i> Applies to conductive clothing, worn during live working (especially bare-hand working) on AC and DC electrical installations, to provide electrical continuity between all parts of the clothing and a reduction of electric field inside the clothing.	2020-10-04
SANS 61439-1 Ed 3	<i>Low-voltage switchgear and controlgear assemblies Part 1: General rules.</i> This part of IEC 61439 lays down the general definitions and service conditions, construction requirements, technical characteristics and verification requirements for low-voltage switchgear and controlgear assemblies.	2020-10-04
SANS 114 Ed 2	<i>Laboratory glass and plastics ware -Principles of design and construction of volumetric instruments.</i> Sets out principles for the design of volumetric instruments manufactured from glass or from plastics in order to facilitate the most reliable and convenient use to the intended degree of accuracy	2020-10-13
SANS 1381-7 Ed 1	<i>Materials for thermal insulation of buildings Part -7 Bonded cellulose fibre batts.</i> This part of SANS 1381 covers cellulose fibrous insulation (flexible or rigid), that may be supplied as mats or batts.	2020-10-13

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 62386-101 Ed 2.1	<i>Digital addressable lighting interface -- Part 101: General requirements -- System components.</i>	Amended to update the scope, referenced standards, add definitions, update the clause on timing, the clause on method of operation, to delete the clause on test procedures and to update the annex on background information for systems.	2020-09-22
SANS 61184 Ed 4.1	<i>Bayonet lampholders.</i>	Amended to delete alternative calculation option described for the calculation of the depth indentation method, update information on Non tracking materials for application with ELV(extra low voltage).	2020-10-04
ARP 006 Ed 2.1	<i>A guide to health hazards and personal protection in the paint industry.</i>	Amended to update the annex on example of material safety data sheet, and to update referenced standards.	2020-10-13
SANS 1255 Ed 2.2	<i>Oven cleaner and grease remover.</i>	Amended to delete the clauses on requirements and on packing and marking and to delete the annex on notes to purchasers	2020-10-13
SANS 1227 Ed 1.6	<i>Textured wall coatings, emulsion base, for interior and exterior use.</i>	Amended to delete the appendix on notes to purchasers.	2020-10-13
SANS 1221 Ed 3.1	<i>Detergent skin cleansers (non-cosmetic).</i>	Amended to modify reference to detergent skin cleansers, to include stability testing and additional marking requirements on non-cosmetic detergent skin cleansers and to delete notes to purchasers.	2020-10-13
SANS 815-2 Ed 1.2	<i>Shoulder-ended and groove-ended pipe systems Part 2: Groove-ended steel pipes, fittings and couplings.</i>	Amended to update referenced standards, the requirements for forged steel couplings and to delete the annex on notes to purchasers.	2020-10-13

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

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 3:2020 Ed 1	<i>Recognition of Standards Development Organizations (SDOs) in South Africa.</i> Describes the criteria for the recognition of Standards Development Organizations (SDOs), for the purpose of the preparation of South African National Standards for publication by the South African Bureau of Standards (SABS).
SANS 14067:2020 Ed 1	<i>Greenhouse gases - Carbon footprint of products - Requirements and guidelines for quantification.</i> Specifies principles, requirements and guidelines for the quantification.
SANS 501:2020 Ed 3	<i>Coal - Determination of the crucible swelling number.</i> Specifies a method for determining the swelling properties of hard coal when heated in a covered crucible.
SANS 502:2020 Ed 2	<i>Coal - Determination of caking power - Gray-King coke test.</i> Specifies a method of assessing the caking power of coal under standard conditions.
SANS 50572-1:2020 Ed 3	<i>Glass in building - Basic soda lime silicate glass products Part 1: Definitions and general physical and mechanical properties.</i> Specifies and classifies basic glass products and indicates their chemical composition, their main physical and mechanical characteristics and defines their general quality criteria.
SANS 50572-3:2020 Ed 3	<i>Glass in building - Basic soda lime silicate glass products Part 3: Polished wired glass.</i> Specifies dimensional and minimum quality requirements (in respect of optical, visual and wire faults) for polished wired glass, as defined in EN 572-1:2012 (published in South Africa as an identical adoption under the designation SANS 50572-1), for use in building.
SANS 50572-4:2020 Ed 3	<i>Glass in building - Basic soda lime silicate glass products Part 4: Drawn sheet glass.</i> Specifies dimensional and minimum quality requirements (in respect of optical and visual faults) for drawn sheet glass, as defined in EN 572-1:2012 (published in South Africa as an identical adoption under the designation SANS 50572-1), for use in building.
SANS 651-1:2020 Ed 1	<i>Laundry detergents Part 1: Low-foam laundry detergents (for use in automatic and non-automatic domestic washing machines).</i> Specifies the characteristics of two types (powder and liquid) of low-foam laundry detergent intended for the washing (in automatic and non-automatic domestic washing machines) in either hard or soft water, of textiles made of cotton or of cotton-and-synthetic fibre yarns.

Standard No. and year	Title, scope and purport
SANS 334:2020 Ed 2	<i>Solid mineral fuels - Determination of total sulfur - Eschka method.</i> Specifies a reference method for determining the total sulfur content of hard coal, brown coals and lignites, and coke by the Eschka method.
SANS 10206:2020 Ed 3	<i>The handling, storage and disposal of pesticides.</i> Specifies the procedures and requirements for the handling, storage and disposal of pesticides by farmers, pest control operators, distributors, manufacturers, formulators and packers to ensure the least risk to health and safety, and to property and the environment. Covers first-aid actions and firefighting procedures to be taken in the case of an incident.
SANS 10409:2020 Ed 2	<i>Design, selection and installation of geomembranes.</i> Provides requirements and guidance for the design, selection and installation of thermoplastics geomembranes. Also specifies quality control (QC) and quality assurance (QA) procedures.
SANS 80601-2-72:2020 Ed 1	<i>Medical electrical equipment Part 2-72: Particular requirements for basic safety and essential performance of home healthcare environment ventilators for ventilator-dependent patients.</i> 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 home healthcare environment; intended for use by lay operator; intended for use with patients who are dependent on mechanical ventilation for their life support.
SANS 21839:2020 Ed.1	<i>Systems and software engineering - System of systems (SoS) considerations in life cycle stages of a system.</i> Provides a set of critical system of systems (SoS) considerations to be addressed at key points in the life cycle of the system of interest (Sol).
SANS 60601-2-66:2020 Ed.2	<i>Medical electrical equipment Part 2-66: Particular requirements for the basic safety and essential performance of hearing instruments and hearing instrument systems.</i> Applies to the basic safety of hearing instruments and hearing instrument systems.
SANS 626-2:2020 Ed 2	<i>Solid mineral fuels - Vocabulary Part 2: Terms relating to sampling, testing and analysis.</i> Defines terms commonly employed in the sampling, testing and analysis of solid mineral fuels.
SANS 10142-1:2020 Ed 3	<i>The wiring of premises Part 1: Low-voltage installations.</i> Applies to electrical installations of residential premises, commercial premises, public premises, industrial premises, prefabricated buildings, fixed surface installations on mining properties, construction and demolition site installations, agricultural and horticultural premises, caravan sites and similar sites, marinas, pleasure craft and house boats, medical locations, exhibitions, fairs and other temporary installations, extra low voltage lighting installations, electrical installations for street lighting and street furniture, and equipment enclosures (structures that provide physical and environmental protection for telecommunication equipment). Covers circuits supplied at nominal voltages up to and including 1 000 V a.c. or 1 500 V d.c.
SANS 50572-2:2020 Ed 3	<i>Glass in building - Basic soda lime silicate glass products Part 2: Float glass.</i> Specifies dimensional and minimum quality requirements (in respect of optical and visual faults) for float glass, as defined in EN 572-1:2012 (published in South Africa as an identical adoption under the designation SANS 50572-1), for use in building.

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 164-5:2020 Ed 1.3	<i>Plug and socket-outlet systems for household and similar purposes for use in South Africa Part 5: Two-pole, 2,5 A 250 V a.c. system. Consolidated edition incorporating amendment No.3.</i> Amended to update the title, the scope, referenced standards, and the clause on requirements, to add the standard sheet on 2,5 A 250 V Two-pole socket-outlet for class II plug-in adaptors, to add the annexes on gauge for checking the impossibility of single pin insertion in Item 2 of standard sheet 5-2, gauges to verify the distances in Item 6 in standard sheet 5-2, gauge for checking the minimum withdrawal force and gauge for checking non-compatibility with SANS 164-2, 2-pin plug, and to add the bibliography.
SANS 182-2:2020 Ed 1.5	<i>Conductors for overhead electrical transmission lines Part 2: Stranded aluminium conductors. Consolidated edition incorporating amendment No.5.</i> Amended to update the preface, definitions and the clause on sampling and compliance with the specification, to update referenced standards, and to delete the appendix on notes to purchasers.
SANS 1063:2020 Ed 4.1	<i>Earth rods, couplers and connections. Consolidated edition incorporating amendment No.1.</i> Amended to delete the annex on notes to purchasers.
SANS 1680:2020 Ed 1.1	<i>Live lobsters. Consolidated edition incorporating amendment No.1.</i> Amended to update referenced standards, and the subclauses on hand-washing facilities, and effluent sewage and waste disposal.
SANS 1808-15:2020 Ed 1.3	<i>Water supply and distribution system components Part 15: Mechanical backflow-prevention devices. Consolidated edition incorporating amendment No.3.</i> Amended to update the sub-clause on materials, and to delete the annex on notes to purchasers.
SANS 61400-11:2020 Ed 1.1	<i>Wind turbines - Part 11: Acoustic noise measurement techniques. Consolidated edition incorporating amendment No.1.</i> Amended to address the situation where a measurement consists of measurements series on different days or with substantially different conditions and to introduce clarifications on tonality analysis and reporting.
SANS 1274:2020 Ed 2.2	<i>Coatings applied by the powder-coating process. Consolidated edition incorporating amendment No.2.</i> Amended to update referenced standards, to delete the annex on notes to purchasers, and the annex on common aluminium/zinc alloys.
SANS 28927-5:2020 Ed. 1	<i>Hand-held portable power tools - Test methods for evaluation of vibration emission Part 5: Drills and impact drills. Consolidated edition incorporating amendment No.1.</i> Amended to replace the table on drills without impact action - Drill diameter and feed force by free running speed.
SANS 1492-1:2020 Ed 2.3	<i>Men's shoes with stuck-on outer soles Part 1: Flat lasted construction. Consolidated edition incorporating amendment No.3.</i> Amended to update referenced standards, to update the requirements on materials and components, constructional requirements, workmanship and finish, methods for test, and to delete the annex on notes to purchasers.
SANS 1492-3:2020 Ed 2.3	<i>Men's shoes with stuck-on outer soles Part 3: Moccasin type construction. Consolidated edition incorporating amendment No.3.</i> Amended to update referenced standards, to update the requirements on materials and components, constructional requirements, workmanship and finish, methods of test, 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
SANS 38:2020 Ed 3.3	<i>Metallic naphthenates for timber preservation.</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
SABS/TC 147 SC/4	Water - Microbiological Treatment and Assessment of Water	Standardization of the performance of headwear/gear or hats intended to safeguard users against head injuries within their scope of work
SABS/TC 147 SC/5	Water - Biological Test Methods	Standardization of the performance of headwear/gear or hats intended to safeguard users against head injuries within their scope of work

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.