

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 635 OF 2021

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 African 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 3001-AS25 Ed 1	<i>Civil engineering test methods – Part AS25: Recovery and extraction of bituminous binder from an asphalt mix ED1.</i> Describes a method to recover and extract binder from an asphalt mix in sufficient quantity for evaluation of the recovered binder, and is applicable to bitumen-rubber asphalt and polymer modified asphalt..	2021-12-16
SANS 3001-GR60 Ed 1	<i>Civil engineering test method – Part-GR60: Determination of the electrolytic conductivity of water, soil, gravel and graded crushed rock for construction purposes.</i> Describes a method of determining the sulfate content of soil and ground water.	
SANS 3001-GR61 Ed 1	<i>Civil engineering test methods – Part GR61: Determination of the pH of water, soil, gravel and graded crushed rock for construction purposes.</i> Describes a method of determining the electrometric pH of a saturated soil-paste and a construction water using a potentiometric pH meter. The results are used for controlling the pH of soils, gravels, graded crushed rocks, and waters for civil engineering purposes.	2021-12-09
SANS 60335-2-43 Ed 4	<i>Household and similar electrical appliances – Safety – Part 2-43: Particular requirements for clothes dryers and towel rails.</i> Deals with the safety of electric clothes dryers for drying textiles on racks located in a warm airflow, clothes dryers intended for drying footwear or gloves and to electric towel rails, for household and similar purposes, their rated voltage being not more than 250 V. Appliances not intended for normal household use but that nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard.	2021-11-19
SANS 717-1 Ed 2	<i>Acoustics – Rating of sound insulation in buildings and of building elements – Part 1: Airborne sound insulation.</i> Defines single-number quantities for airborne sound insulation in buildings and of building elements such as walls, floors, doors, and windows, takes into consideration the different sound level spectra of various noise sources such as noise sources inside a building and traffic outside a building, and gives rules for determining these quantities from the results of measurements carried out in one-third-octave or octave bands for example in accordance with ISO 10140-2 and ISO 16283-1.	2021-12-10
SANS 717-1 Ed 2	<i>Acoustics – Rating of sound insulation in buildings and of building elements - Part 2: Impact sound insulation.</i> Defines single-number quantities for impact sound insulation in buildings and of floors, gives rules for determining these quantities from the results of measurements carried out in one-third-octave bands in accordance with ISO 10140-3 and ISO 16283-2, and in octave bands in accordance with that option in ISO 16283-2 for field measurements only, defines single-number quantities for the impact sound reduction of floor coverings and floating floors calculated from the results of measurements carried out in accordance with ISO 10140-3, and specifies a procedure for evaluating the weighted reduction in impact sound pressure level by floor coverings on lightweight floors.	2021-12-10

SAN6 2271-200 Ed 3	<i>High-voltage switchgear and controlgear – Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV.</i> Specifies requirements for prefabricated metal-enclosed switchgear and controlgear for alternating current of rated voltages above 1 kV and up to and including 52 kV for indoor and outdoor installation, and for service frequencies up to and including 60 Hz.	2021-12-10
SANS 60335-2-36 Ed 5	<i>Household and similar electrical appliances – Safety – Part 2-36: Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements.</i> Deals with the safety of electrically operated commercial cooking and baking ranges, ovens, hobs, hob elements and similar appliances not intended for household and similar use, their rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral and 480 V for other appliances. The electrical part of appliances making use of other forms of energy is also within the scope of this standard.	2021-12-10
SANS 62271-103 Ed 2	<i>High-voltage switchgear and controlgear – Part 103: Switches for rated voltages above 1 kV up to and including 52 kV.</i> Applies to three-phase, alternating current switches and switch-disconnectors for their switching function, having making and breaking current ratings, for indoor and outdoor installations, for rated voltages above 1 kV up to and including 52 kV and for rated frequencies from 162/3 Hz up to and including 60 Hz.	2021-12-10
SANS 37301 Ed 1	<i>Compliance management systems – Requirements with guidance for use.</i> Specifies requirements and provides guidelines for establishing, developing, implementing, evaluating, maintaining and improving an effective compliance management system within an organization.	2021-12-10
SANS 8537 Ed 1	<i>Sterile single-use syringes, with or without needle, for insulin.</i> Specifies requirements and test methods for empty, sterile, single-use syringes, with or without needles, made of plastic materials and intended solely for the injection of insulin, with which the syringes are filled by the end user. Covers syringes intended for single-use only in humans and with insulins of various concentrations.	2021-12-10
SANS 20471 Ed 1	<i>High visibility clothing – Test methods and requirements.</i> Specifies requirements for high visibility clothing which is capable of visually signalling the user's presence. The high visibility clothing is intended to provide conspicuity of the wearer in any light condition when viewed by operators of vehicles or other mechanized equipment during daylight conditions and under illumination of headlights in the dark.	2021-12-10
SATS 62257-5 Ed 1	<i>Recommendations for renewable energy and hybrid systems for rural electrification – Part 5: Protection against electrical hazards.</i> Specifies the general requirements for the protection of persons and equipment against electrical hazards to be applied in decentralized rural electrification systems.	2021-12-16

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 60335-2-42 Ed 4.2	<i>Household and similar electrical appliances – Safety Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens</i>	Amended to add update the scope, referenced standards, terms and definitions, the requirements for marking and instructions, heating, leakage current and electric strength at operating temperature, moisture resistance, leakage current and electric strength, the clause on abnormal operation, the requirements for stability and mechanical hazards, construction, supply connection and external flexible cords, screws and connections, resistance to heat and fire, radiation toxicity and similar hazards, to add the annex on guidance for the application of this standard to appliances used in tropical mines, to add the annex on appliances to be used on board ships and to update the bibliography.	2021-12-10
SANS 556-2-5 Ed 1.1	<i>Low-voltage switchgear –Part 2-5: Earth leakage switches – Switches that incorporate residual current protection</i>	Amended to update referenced standards.	2021-12-10
SANS 788 Ed 1.4	<i>Frozen shrimps (prawns), langoustines and crabs</i>	Amended to update the clause on microbiological requirements, and to delete the annex on notes to purchasers.	2021-12-10
SANS 585 Ed 4.2	<i>The production of frozen fish, marine molluscs, and products derived therefrom</i>	Amended to update the requirements for abalone that is to be frozen in the shell, to add the notes on tables on microbiological requirements, and to delete the annex on notes to purchasers.	2021-12-10
SANS 1117 Ed 1.3	<i>Plastics wrappings for the protection of steel pipelines</i>	Amended to delete appendix on notes to purchasers.	2021-12-09
SANS 1507-4 Ed 1.6	<i>Electric cables with extruded solid dielectric insulation for fixed installations (300/500 V to 1 900/3 300 V) – Part 4: XLPE Distribution cables</i>	Amended to correct table on bedding and wire armour of cables without lead sheath.	2021-12-10
SANS 3001-AS1 Ed 1.2	<i>Civil engineering test methods – Part AS1: Making of asphalt briquettes for Marshall tests and other specialized tests</i>	Amended to update the introduction and to add explanatory comments in the text.	2021-12-16
SANS 1706 Ed 1.1	<i>Analysis of copper-chromium-arsenic (CCA) treated wood by X-ray fluorescence spectroscopy</i>	Amended to update referenced standards, the clause on sampling, the footnote on dry wood samples, the clause on calculations, the footnote on total wood volume, the footnote on oven-dry wood density, the annex on preparation and treatment of standard wood samples and treating solutions, calculations and calibration of XRFs, and the annex on elemental ratios of CCA.	2021-12-17

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 10161 Ed 1	<i>The design of foundations for buildings</i>	The standard is obsolete and is no longer a statement of good practice in the industry.	2021-12-14

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 60335-2-118:2021 Ed 1	<i>Household and similar electrical appliances – Safety – Part 2-118: Particular requirements for professional ice-cream makers.</i> Deals with the safety of appliances for making ice cream and artisan gelato appliances taken into account are those intended for commercial use and similar appliances not intended for normal household use but which may nevertheless be a source of danger to the public, such as appliances intended to be used by laymen in shops, stores, by artisans or on farms, which rated voltage is not more than 250 V for single-phase appliances and 480 V for other appliances.
SANS 60947-9-2:2021 Ed 1	<i>Low-voltage switchgear and controlgear – Part 9-2: Active arc-fault mitigation systems - Optical-based internal arc-detection and mitigation devices.</i> Covers internal arc-fault control devices, hereinafter referred to as IACD, which are intended to detect internal arc-faults in low-voltage switchgear and controlgear assemblies, by processing (at a minimum) the optical effect of an internal arc-fault.
SATR 62271-312:2021 Ed 1	<i>High-voltage switchgear and controlgear – Part 312: Guidance for the transferability of type tests of high-voltage/low-voltage prefabricated substations.</i> Refers to high-voltage / low-voltage prefabricated substations as specified in IEC 62271-22 (published in South Africa as an identical adoption under the designation SANS 62271-202).
SATS 62344:2021 Ed 1	<i>Design of earth electrode stations for high-voltage direct current (HVDC) links – General guidelines.</i> Applies to the design of earth electrode stations for high-voltage direct current (HVDC) links.
SANS 100013:2021 Ed 2	<i>Quality management systems – Guidance for documented information.</i> Gives guidance for the development and maintenance of the documented information necessary to support an effective quality management system, tailored to the specific needs of the organization.
SANS 60947-6-1:2021 Ed 3	<i>Low-voltage switchgear and controlgear – Part 6-1: Multiple function equipment – Transfer switching equipment.</i> Applies to transfer switching equipment (TSE), to be used in power systems for ensuring the continuity of the supply and allowing the energy management of the installation, by transferring a load between power supply sources, the rated voltage of which does not exceed 1 000 V AC or 1 500 V DC.
SANS 61386-23:2021 Ed 2	<i>Conduit systems for cable management – Part 23: Particular requirements – Flexible conduit systems.</i> Specifies the requirements for flexible conduit systems.
SANS 10014:2021 Ed 2	<i>Quality management systems – Managing an organization for quality results – Guidance for realizing financial and economic benefits.</i> Gives guidelines for realizing financial and economic benefits by applying a top-down structured approach to achieving financial and economic benefits.

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 310:2021 Ed.1.1	<i>Storage tank facilities for hazardous chemicals – Above-ground storage tank facilities for flammable, combustible and non-flammable chemicals. Consolidated edition incorporating amendment No.1.</i> Amended to update referenced standards, to add a new clause on training and to renumber the subsequent clauses, and to update the annex on typical risk assessment methods.
SANS 182-3:2021 Ed 1.6	<i>Conductors for overhead electrical transmission lines – Part 3: Aluminium conductors, steel reinforced. Consolidated edition incorporating amendment No.6.</i> Amended to delete the definition of "acceptable" and the appendix on notes to purchasers.
SANS 60947-4-1 Ed 4.1	<i>Low-voltage switchgear and controlgear – Part 4-1: Contactors and motor-starters – Electromechanical contactors and motor-starters. Consolidated edition incorporating amendment No.1.</i> Corrected to update the subclauses on marking (6.2) and on results to be obtained.

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

SCHEDULE B4: DISBAND OF TECHNICAL COMMITTEES

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: 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.