

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 261 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 11890-1 Ed 2	<i>Paints and varnishes – Determination of volatile organic compound (VOC) content – Part 1: Difference method.</i> Deals with the sampling and testing of paints, varnishes and related products, and specifies a method for the determination of the volatile organic compound (VOC) content of paints, varnishes and their raw materials.	2021-05-23
SANS 174 Ed 2	<i>Paints and varnishes – Examination and preparation of samples for testing.</i> Specifies both the procedure for preliminary examination of a single sample as received for testing, and the procedure for preparing a test sample by blending and reduction of a series of samples representative of a consignment or bulk of paint, varnish or related product.	2021-05-11
SATR 63179-1 Ed 1	<i>Guideline for planning of HVDC systems – Part 1: HVDC systems with line-commutated converters.</i> Provides guidelines for the selection of a high-voltage direct current (HVDC) system with line-commutated converters (LCC), hereafter referred to as HVDC system, for the purposes of HVDC system planning.	2021-06-06
SANS 27035-1 Ed 1	<i>Information technology – Security techniques – Information security incident management – Part 1: Principles of incident management.</i> Provides basic concepts and phases of information security incident management and combines these concepts with principles in a structured approach to detecting, reporting, assessing, and responding to incidents, and applying lessons learnt.	2021-06-01
SANS 27035-2 Ed 1	<i>Information technology – Security techniques – Information security incident management – Part 2: Guidelines to plan and prepare for incident response.</i> Provides the guidelines to plan and prepare for incident response; the guidelines are based on the "Plan and Prepare" phase and the "Lessons Learned" phase of the "Information security incident management phases" model presented in SANS 27035-1.	2021-06-01
SA S 27035-3 Ed 1	<i>Information technology – Information security incident management – Part 3: Guidelines for ICT incident response operations.</i> Provides guidelines for information security incident response in ICT security operations by covering the operational aspects in ICT security operations from a people, processes and technology perspective.	2021-06-01
SANS 60076-10 Ed 1	<i>Power transformers – Part 10: Determination of sound levels.</i> Defines sound pressure and sound intensity measurement methods from which sound power levels of transformers, reactors and their associated cooling devices are determined.	2021-06-01
SANS 41014 Ed 1	<i>Facility management – Development of facility management strategy.</i> Gives guidelines for the development of a strategy for facility management (FM).	2021-06-01
SANS 62386-105 Ed 1	<i>Digital addressable lighting interface – Part 105: Particular requirements for control gear and control devices – Firmware transfer.</i> Applies to control gear and control devices.	2021-06-06
SANS 62271-108 Ed 2	<i>High-voltage switchgear and controlgear – Part 108: High-voltage alternating current disconnecting circuit-breakers for rated voltages above 52 kV.</i> Applies to high-voltage alternating current disconnecting circuit breakers for operation at frequencies of 50 Hz and 60 Hz on systems having voltages above 52 kV.	2021-06-06
SANS 61482-1-1 Ed 2	<i>Live working – Protective clothing against the thermal hazards of an electric arc – Part 1-1: Test methods – Method 1: Determination of the arc rating (ATPV or</i>	2021-06-06

	<i>EBT50) of flame resistant materials for clothing. Specifies test method procedures to determine the arc rating of flame resistant clothing materials and garments or assemblies of garments intended for use in clothing for workers if there is an electric arc hazard.</i>	
SATS 62898-2 Ed 1	<i>Microgrids – Part 2: Guidelines for operation. Provides guidelines for operation of microgrids; microgrids considered in this document are alternating current (AC) electrical systems with loads and distributed energy resources (DER) at low or medium voltage level.</i>	2021-06-06
SANS 28927-2 Ed 1	<i>Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 2: Wrenches, nutrunners and screwdrivers. Specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of hand-held power-driven wrenches, nutrunners and screwdrivers used for tightening and loosening threaded fasteners.</i>	2021-06-06
SANS 21511 Ed 1	<i>Work breakdown structures for project and programme management. Provides guidance for work breakdown structure for organizations undertaking projects or programme management.</i>	2021-06-06
SANS 60076-22-5 Ed 1	<i>Power transformers – Part 22-5: Power transformer and reactor fittings – Electric pumps for transformers. Covers electric pumps used in the cooling circuits of power transformers and reactors.</i>	2021-06-09
SANS 10142-1-2 Ed 1	<i>The wiring of premises – Part 1-2: Additional special requirements for low voltage small scale embedded generator installations connected in parallel to the normal electrical supply. Covers additional special requirements for the electrical installation of Small Scale Embedded Generators (SSEGs) intended to supply all or part of an installation with nominal voltages not exceeding 1kV AC or 1.5kV DC.</i>	2021-06-09
SANS 15237 Ed 2	<i>Solid mineral fuels – Determination of total mercury content of coal. Specifies a procedure for the determination of the total mercury content of coal.</i>	2021-06-08
SANS 1913 Ed 3	<i>Kerosene for domestic cooking, heating and illuminating. Specifies the requirements for a hydrocarbon fuel suitable for use in wick-fed, pressurised and non-pressurised paraffin cooking, heating and illuminating appliances, for domestic use.</i>	2021-06-13

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 60851-3 Ed 2.2	<i>Winding wires – Test methods – Part 3: Mechanical properties</i>	Amended to update the requirements for test 8: flexibility and adherence, and the clause on test 18: heat bonding.	2021-06-06
SANS 939 Ed 1.5	<i>Polished twines</i>	Amended to update normative references and delete annex on notes to purchasers and update referenced standards.	2021-05-23
SANS 695 Ed 2.1	<i>Plastic carrier bags and flat bags</i>	Amended to update the requirements for carrier bags and flat bags.	2021-05-23
SANS 60034-18-42 Ed 1.1	<i>Rotating electrical machines Part 18-42: – Partial discharge resistant electrical insulation systems (Type II) used in rotating electrical machines fed from voltage converters – Qualification tests</i>	Amended to update terms and definitions, to update the clauses on machine terminal voltages arising from converter operation, qualification of turn insulation, preparation of test objects, qualification test procedures, qualification test pass criteria, and to update the annexes on derivation of the impulse voltage insulation class for the machine insulation, derivation of an IVIC in the absence of a manufacturer's reference life line and operational screening tests.	2021-05-23

SANS 60335-2-64 Ed 3.2	<i>Household and similar electrical appliances – Safety – Part 2-64: Particular requirements for commercial electric kitchen machines</i>	Amended to update the scope, referenced standards, terms and definitions, general conditions for the tests, update a requirement on marking and instructions, update clauses on leakage current and electric strength at operating temperature, moisture resistance, leakage current and electric strength, abnormal operation, stability and mechanical hazards, construction, supply connection and flexible cords, screws and connections, resistance to heat and fire, and to add a clause on leakage current and electric strength at operating temperature.	2021-06-06
SANS 1808-45 Ed 1.4	<i>Water supply and distribution system components – Part 45: Pipe repair clamps</i>	Amended to remove Annex A and all references to it.	2021-06-09
SANS 60335-2-52 Ed 3.2	<i>Household and similar electrical appliances – Safety – Part 2-52: Particular requirements for oral hygiene appliances</i>	Amended to update referenced standards, the clause on heating, and the clause on radiation, toxicity and similar hazards.	2021-06-06

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 61851-22:2014 Ed 1	<i>Electric vehicle conductive charging system – Part 22: AC electric vehicle charging station</i>	The standard has been withdrawn by IEC without replacement.	2021-06-30
SANS 964:2008 Ed 3.1	<i>Solas life-jacket</i>	The document is no longer used.	2021-06-30

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 60276:2021 Ed 1	<i>Carbon brushes, brush holders, commutators and slip-rings – Definitions and nomenclature.</i> Applies to carbon brushes for electrical machinery.
SANS 1381-7:2021 Ed 1	<i>Materials for thermal insulation of buildings – Part 7: Cellulose fibre mats, batts and blanket insulation.</i> Covers cellulose fibrous insulation (flexible or rigid), that may be supplied as mats or batts.
SANS 61643-12:2021 Ed 3	<i>Low-voltage surge protective devices – Part 12: Surge protective devices connected to low-voltage power systems – Selection and application principles.</i> Describes the principles for the selection, operation, location and coordination of SPDs to be connected to 50/60 Hz AC power circuits, and equipment rated up to 1 000 V RMS.
SANS 5073:2021 Ed 1	<i>Hard surface cleaners.</i> Specifies the general requirements for hard surface cleaners for the routine cleaning of hard surfaces such as walls, floors and other fixed surfaces including those in kitchens, windows, glass and other highly polished surfaces or sanitary facilities, such as laundry rooms, toilets, bathrooms, showers.

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 60034-18-41:2021 Ed 2.1	<i>Rotating electrical machines – Part 18-41: Partial discharge free electrical insulation systems (type I) used in rotating electrical machines fed from voltage converters – Qualification and quality control tests. Consolidated edition incorporating amendment No.1.</i> Amended to update the terms and definitions, the recommendations on routine tests, the annex on derivation of test voltages for Type I insulation systems, the annex on derivation of allowable voltages in service, to add an annex on derivation of routine withstand test voltages and an example for a 500 V rated machine, and to update referenced standards.
SANS 1640:2021 Ed 1.3	<i>Reconditioned manually operated chain hoists. Consolidated edition incorporating amendment No.3.</i> Amended to update referenced standards, the definitions, and to delete the annex on notes to customers.
SANS 5136:2021 Ed 3.1	<i>Paints and varnishes – Resistance to sheen development of paint films. Consolidated edition incorporating amendment No.1.</i> Amended to update referenced standards.
SANS 1586:2021 Ed 1.5	<i>Emulsion paints. Consolidated edition incorporating amendment No.5.</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
SANS 10184:2008 Ed 1.1	<i>Definitions for and measurement of body dimensions.</i>

SCHEDULE B4 DIBAND OF TECHNICAL COMMITTEES

Committee No	Title	Scope
SABS/TC 074/SC 04	Communication technology - Subscriber and access equipment	Standards in the field of communication technology of consumer and professional Electronics. Good control and management of the Radio Frequency Spectrum over usage and implementation of National Standards and Regulation has positive bearings to the industry in that it ensures the development of telecommunication and broadcasting technologies which in turn boost the economic standing and globalization of the country
SABS/TC 0268	Sustainable development in communities	The development, maintenance and promotion of those South African National Standards relating to consumers which do not fall under the responsibility of other SABS Technical Committees, and Subcommittees, the promotion of consumer concerns in the work of other relevant SABS Technical Committees and Subcommittees. Standardization in the field of Sustainable Development in Communities will include requirements, guidance and supporting techniques and tools to help all kind of communities, their related subdivisions and interested and concerned parties become more resilient and sustainable and demonstrate achievements in that regard. The proposed series of International Standards will thus encourage the development and implementation of holistic, cross-sector and area-based approaches to sustainable development in communities. As appears in the program of work, it will include Management System Requirement, Guidance and Related

		standards
SABS/TC 0268/SC 01	Sustainable development in communities - Smart community infrastructures	The development, maintenance and promotion of those South African National Standards relating to consumers which do not fall under the responsibility of other SABS Technical Committees, and Subcommittees, the promotion of consumer concerns in the work of other relevant SABS Technical Committees and Subcommittees. Standardization in the field of Sustainable Development in Communities will include requirements, guidance and supporting techniques and tools to help all kind of communities, their related subdivisions and interested and concerned parties become more resilient and sustainable and demonstrate achievements in that regard. The proposed series of International Standards will thus encourage the development and implementation of holistic, cross-sector and area-based approaches to sustainable development in communities. As appears in the program of work, it will include Management System Requirement, Guidance and Related standards

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.