

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 386 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
ARP 22000 Ed 1	<i>Food safety management systems – A practical guide.</i> Provides generic guidance to assist all organizations regardless of size and complexity (including small and medium-sized) that recognize the potential benefits of implementing a FSMS in accordance with ISO 22000:2018.	2021-08-02
SANS 13408-4 Ed 1	<i>Aseptic processing of health care products – Part 4: Clean-in-place technologies.</i> Specifies the general requirements for clean-in-place processes applied to product contact surfaces of equipment used in the manufacture of sterile health care products by aseptic processing and offers guidance on qualification, validation, operation and control.	2021-08-02
SANS 602 Ed 3	<i>Reference materials – Selected terms and definitions.</i> Recommends terms and definitions that should be used in connection with reference materials, with a particular emphasis on terms that are used in reference material product information sheets, certificates and corresponding certification reports.	2021-08-10
SANS 22367 Ed 1	<i>Medical laboratories – Application of risk management to medical laboratories.</i> Specifies a process for a medical laboratory to identify and manage the risks to patients, laboratory workers and service providers that are associated with medical laboratory examinations.	2021-08-02
SANS 17000 Ed 2	<i>Conformity assessment – Vocabulary and general principles.</i> Specifies general terms and definitions relating to conformity assessment, including the accreditation of conformity assessment bodies, and to the use of conformity assessment to facilitate trade.	2021-08-02
SANS 1661 Ed 4	<i>Cord extension sets.</i> Specifies the safety requirements for cord extension sets with a rated current not exceeding 16 A and a rated single-phase voltage not exceeding 250 V a.c. intended for household and similar general-purpose equipment.	2021-08-02
SANS 1195 Ed 2	<i>Busbars.</i> Covers requirements for construction, resistivity, tensile strength and elongation at break for busbars of copper, aluminium or an alloy of aluminium, in the form of bars, rods, tubes, channels and angles, and intended for use as electrical conductors.	2021-08-02
SANS 60947-4-3 Ed 3	<i>Low-voltage switchgear and controlgear – Part 4-3: Contactors and motor-starters – Semiconductor controllers and semiconductor contactors for non-motor loads.</i> Applies to semiconductor controllers and semiconductor contactors for nonmotor load intended to be connected to circuits, the rated voltage of which does not exceed 1 000 V AC..	2021-08-02
SANS 1019 Ed 3	<i>Standard voltages, currents and insulation levels for electricity supply.</i> Covers standard voltages and currents for use in a.c. transmission, distribution and reticulation systems (and in equipment for use in such systems) having a nominal frequency of 50 Hz and a nominal voltage exceeding 100 V, based on the standard values given in IEC 60038 and IEC 60059.	2021-08-02
SANS 1874 Ed 4	<i>Switchgear – Metal-enclosed ring main units for rated a.c. voltages above 1 kV and up to and including 36 Kv.</i> Specifies the characteristics of new, factory-assembled metal-enclosed ring main units that are rated for use on a three-phase cable system for rated a.c. voltages above 1 kV and up to and including 36 kV, and are designed for indoor or outdoor operation at a rated frequency of 50 Hz.	2021-08-02

SANS 8894 Ed 1	<i>Dead-grid safety lock</i> . Specifies the requirements for the dead-grid safety lock (DGSL) rated at a voltage of 230 V single phase and 400 V three phase systems.	2021-08-02
SANS 60947-4-2 Ed 4	<i>Low-voltage switchgear and controlgear – Part 4-2: Contactors and motor-starters – Semiconductor motor controllers, starters and soft-starters</i> . Applies to semiconductor motor controllers, starters and soft-starters which can include a series mechanical switching device, intended to be connected to circuits the rated voltage of which does not exceed 1 000 V AC.	2021-08-02
SANS 45003 Ed 1	<i>Occupational health and safety management – Psychological health and safety at work – Guidelines for managing psychosocial risks</i> . Provides guidance with respect to managing psychosocial risk within an occupational health and safety (OH&S) management system based on ISO 45001 <i>Occupational health and safety management systems – Requirements with guidance for use</i> .	2021-08-02
SANS 15190 Ed 2	<i>Medical laboratories – Requirements for safety</i> . Specifies requirements for safe practices in the medical laboratory.	2021-08-02
SANS 35001 Ed 1	<i>Biorisk management for laboratories for laboratories and other related organizations</i> . Defines a process to identify, assess, control, and monitor the risks associated with hazardous biological materials.	2021-08-02
SANS 20148 Ed 1	<i>Uniform provisions concerning the approval of light-signalling devices (lamps) for power-driven vehicles and their trailers</i> . Applies to the following lamps: Rear-registration plate illuminating lamps, direction indicator lamps, position lamps, stop lamps, end-outline marker lamps, reversing lamps, manoeuvring lamps, rear fog lamps, parking lamps, daytime running lamps and side marker lamps.	2021-08-02
SANS 1634 Ed 1	<i>Barrier protection systems for preservative treated wooden poles</i> . Covers the minimum performance requirements for barrier protection systems used to augment the performance and service lives of preservative treated wooden poles, posts and piling intended for ground contact service conditions by either partially or wholly covering the butt end portion below the intended ground line.	2021-08-02
SANS 50054-12 Ed 2	<i>Fire detection and fire alarm systems – Part 12: Smoke detectors – Line detectors using an optical light beam</i> . Specifies requirements, test methods and performance criteria for line detectors using an optical beam that detect smoke by utilizing the attenuation and/or changes in attenuation of an optical beam, for use in fire detection and fire alarm systems installed in buildings.	2021-08-10
SANS 500 Ed 2	<i>Inspection, examination and testing of manually operated chain blocks and chain lever hoists currently in use</i> . Specifies the requirements for the inspection, examination and testing of manually operated chain blocks and chain lever hoists in use.	2021-08-03
SANS 61158-3-3 Ed 1	<i>Industrial communication networks – Fieldbus specifications – Part 3-3: Data-link layer service definition – Type 3 elements</i> . Provides common elements for basic time-critical messaging communications between devices in an automation environment.	2021-08-13
SANS 61158-3-4 Ed 1	<i>Industrial communication networks – Fieldbus specifications – Part 3-4: Data-link layer service definition – Type 4 elements</i> . Provides common elements for basic time-critical messaging communications between devices in an automation environment.	2021-08-13
SANS 60079-25 Ed 3	<i>Explosive atmospheres – Part 25: Intrinsically safe electrical systems</i> . Contains specific requirements for the construction and assessment of intrinsically safe systems, type of protection "i", intended for use, as a whole or in part, in locations in which the use of Group I, II or III apparatus is required.	2021-08-13

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 789 Ed 1.1	<i>Knitted jerseys and cardigans</i>	Amended to update referenced standards, and to delete the notes to purchasers.	2021-08-02
SANS 439 Ed 1.1	<i>Vests – Short sleeved, long sleeved and athletic type</i>	Amended to update referenced standards, and to delete the annex on notes to purchasers.	2021-08-02
SANS 1118-9 Ed 1.4	<i>School clothing – Part 9 Knee-high and ankle socks</i>	Amended to update referenced standards, the subclause on apparatus and to delete the annex on notes to purchasers.	2021-08-02
SANS 1118-11 Ed 1.5	<i>School clothing – Part 11: Briefs</i>	Amended to update the sub-clause on size, to delete the appendix on notes to purchasers, and to update referenced standards.	2021-08-02
SANS 63 Ed 5.6	<i>Blankets</i>	Amended to delete the annex on notes to purchasers.	2021-08-03
SANS 1851 Ed 1.3	<i>Lubricating grease</i>	Amended to update referenced standards.	2021-03-03
SANS 60269-6 Ed 1.1	<i>Low-voltage fuses – Part 6: Supplementary requirements for fuse-links for the protection of solar photovoltaic energy systems</i>	Corrected to insert a note on verification of conventional non-fusing and fusing current.	2021-08-02
SANS 888 Ed 3.2	<i>Interlining</i>	Amended to update referenced standards, and to delete the annex on notes to purchasers.	2021-08-03
SANS 182-3 Ed 1.6	<i>Conductors for overhead electrical transmission lines – Part 3: Aluminium conductors, steel reinforced</i>	Amended to delete the appendix on notes to purchasers.	2021-08-13
SANS 1515-4-1 Ed 1.1	<i>Gas measuring equipment primarily for use in mines Part 4-1: Battery-operated portable, oxygen-deficient/oxygen-enriched measuring instruments and warning devices</i>	Amended to update the sub-clause on flameproof sensor enclosure, the sub-clause on sensor enclosure marking - flameproof sensor enclosure, the annex on assessment of compliance with this part of SANS 1515, and referenced standards.	2021-08-17

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

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 21102:2021 Ed 1	<i>Adventure tourism – Leaders – Personnel competence.</i> Establishes the requirements and recommendations of competencies and the related expected results of competencies for adventure tourism activity leaders common to any adventure tourism activity, which can affect the quality and safety of the services provided.
SANS 952-1:2021 Ed 3	<i>Polymer film for damp-proofing and waterproofing in buildings – Part 1: Monofilament and co-extruded products.</i> Covers the requirements for five types of monofilament polyolefin film and four types of co-extruded polyolefin film, for use as a damp-proofing material in walls, under concrete and under roofing tiles, and for the waterproofing of basements.
SANS 10105-1:2021 Ed 4	<i>The use and control of fire-fighting equipment – Part 1: Portable and wheeled (mobile) fire extinguishers.</i> Gives the requirements for the selection, installation, inspection and use of portable and mobile fire extinguishers.
SANS 10105-2:2021 Ed 4	<i>The use and control of fire-fighting equipment – Part 2: Fire hose reels and above-ground hydrants.</i> Covers the requirements for the installation and inspection and use of fire hose reels and hydrants.
SANS 174:2021 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.
SANS 3657:2021 Ed 2	<i>Animal and vegetable fats and oils – Determination of saponification value.</i> Specifies a method for the determination of the saponification value of animal and vegetable fats and oils.
SANS 53624:2021 Ed 2	<i>Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of fungicidal activity of chemical disinfectants for instruments used in the medical area – Test method and requirements (phase 2, step 1).</i> Specifies a test method and the minimum requirements for fungicidal or yeasticidal activity of chemical disinfectant and antiseptic products that form a homogeneous, physically stable preparation when diluted with hard water, or - in the case of ready-to-use products - with water.
SANS 53727:2021 Ed 2	<i>Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of bactericidal activity in the medical area – Test method and requirements (phase 2, step 1).</i> Specifies a test method and the minimum requirements for bactericidal activity of chemical disinfectant and antiseptic products that form a homogeneous, physically stable preparation when diluted with hard water, or - in the case of ready-to-use products - with water.
SANS 54885:2021 Ed 2	<i>Chemical disinfectants and antiseptics – Application of European Standards for chemical disinfectants and antiseptics.</i> Specifies the European standards to which products have to conform in order to support the claims for microbicidal activity which are referred to in this standard, and specifies terms and definitions which are used in European standards.
SANS 14064-1 Ed 2	<i>Greenhouse gases –Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals.</i> Specifies principles and requirements at the organization level for the quantification and reporting of greenhouse gas (GHG) emissions and removals.

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 60270:2021 Ed 1.1	<i>High-voltage test techniques – Partial discharge measurements. Consolidated edition incorporating amendment No.1.</i> Corrected to delete the sign X for the determination of Z(f) in table 3 – Test required for measuring systems.
SANS 695:2021 Ed 2.1	<i>Plastic carrier bags and flat bags. Consolidated edition incorporating amendment No.1.</i> Amended to update the requirements for carrier bags and flat bags.
SANS 939:2021 Ed 1.5	<i>Polished twines. Consolidated edition incorporating amendment No.5.</i> Amended to update normative references, to delete the annex on notes to purchasers, and to update referenced standards.

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.