

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 850 OF 2022

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.

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 3001-GR5 Ed 1.1	<i>Civil engineering test methods – Part GR5: Wet preparation and air-drying of samples for plasticity index and hydrometer test</i>	Amended to update the introduction, delete reference to SANS 241, change definitions for agglomerations and clods, define water quality for testing, expand Principles and incorporate the changes in references and definitions in the text.	2022-04-12
SANS 3001-GR51 Ed 1.3	<i>Civil engineering test methods – Part GR51: Sampling, preparation, compaction and curing of field mixed freshly cementitious stabilized materials including the determination of the maximum dry density and optimum moisture content</i>	Amended to update the introduction, to update referenced standards, to update requirements for apparatus, to update "sample mass", to update formulae in "calculations", to update requirements for the "test report", to update Annex A "Calculation of the compaction mould factor by determining the volume", and to update Annex B "Example of the calculations used in the procedure".	2022-04-12
ARP 032 Ed 1.1	<i>Guidelines for the modification of luminaires for tubular fluorescent lamps to retro-fit LED tubular lamps or T5 semi-luminaires</i>	Amended to update referenced standards.	2022-03-31

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 10142-1-2	<i>The wiring of premises Part 1-2: Additional special requirements for low voltage small scale embedded generator installations connected to THE GRID</i>	Withdrawn in accordance with the outlined due process.	2022-04-17

SCHEDULE A.3: WITHDRAWAL OF NORMATIVE AND INFORMATIVE 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 62620:2022 Ed 1	<i>Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary lithium cells and batteries for use in industrial applications.</i> Specifies marking, tests and requirements for lithium secondary cells and batteries used in industrial applications including stationary applications.
SANS 62271-213:2022 Ed 1	<i>High-voltage switchgear and controlgear – Part 213: Voltage detecting and indicating system.</i> Applicable to the voltage detecting and indicating system (VDIS) to be installed on indoor and outdoor high-voltage equipment.
SANS 2079:2022 Ed 1	<i>Acidic liquid toilet cleaners – Specification.</i> Specifies requirements and methods of test for acidic liquid toilet cleaner and applies to a liquid acidic, heavy-duty compound suitable for cleaning bowls and urinals.
SANS 13408-3:2022 Ed 1	<i>Aseptic processing of health care products – Part 3: Lyophilization.</i> Specifies requirements for, and offers guidance on, equipment, processes, programmes and procedures for the control and validation of lyophilization as an aseptic process.
SANS 60120:2022 Ed 2	<i>Ball and socket couplings of string insulator units – Dimensions.</i> Defines the dimensions of a series of standard ball and socket couplings using the standard locking devices (see IEC 60372) (published in South Africa as an identical adoption under the designation SANS 60372) in order to permit the assembly of insulators or metal fittings supplied by different manufacturers.
SANS 60305:2022 Ed 3	<i>Insulators for overhead lines with a nominal voltage above 1 000 V – Ceramic or glass insulator units for a.c. systems – Characteristics of insulator units of the cap and pin type.</i> Applies to string insulator units of the cap and pin type with insulating parts of ceramic material or glass, intended for AC overhead lines with a nominal voltage greater than 1 000 V and a frequency not greater than 100 Hz.
SANS 60309-2:2022 Ed 4	<i>Plugs, fixed or portable socket-outlets and appliance inlets for industrial purposes – Part 2: Dimensional compatibility requirements for pin and contact-tube accessories.</i> Applies to plugs, fixed or portable socket-outlets, and appliance inlets, hereinafter referred to as accessories, with a rated operating voltage not exceeding 1 000 V DC or 1 000 V AC with a frequency not exceeding 500 Hz and a rated current not exceeding 125 A, primarily intended for industrial use, either indoors or outdoors.
SANS 60335-2-36:2022 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.

Standard No. and year	Title, scope and purport
SANS 60372:2022 Ed 2	<i>Locking devices for ball and socket couplings of string insulator units – Dimensions and tests.</i> Applies to locking devices used with ball and socket couplings of string insulator units and used with the corresponding metal fittings standardized in IEC 60120 (published in South Africa as an identical adoption under the designation SANS 60120), when they are supplied separately.
SANS 60909-4:2022 Ed 2	<i>Short-circuit currents in three-phase a.c. systems – Part 4: Examples for the calculation of short-circuit currents.</i> Intends to give help for the application of IEC 60909-0 (published in South Africa as an identical adoption under the designation SANS 60909-0) for the calculation of short-circuit currents in 50 Hz or 60 Hz three-phase AC systems.
SANS 62271-100:2022 Ed 3	<i>High-voltage switchgear and controlgear – Part 100: Alternating-current circuit-breakers.</i> Applies to three-phase AC circuit-breakers designed for indoor or outdoor installation and for operation at frequencies of 50 Hz and/or 60 Hz on systems having voltages above 1 000 V.
SANS 62271-103:2022 Ed 2	<i>High-voltage switchgear and controlgear – Part 103: Alternating current 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.

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 585:2022 Ed 4.2	<i>The production of frozen fish, marine molluscs, and products derived therefrom. Consolidated edition incorporating amendment No.2.</i> Amended to update the requirements for abalone that is to be frozen in the shell, the tables on microbiological requirements, and to delete the annex on notes to purchasers.
SANS 556-2-5:2022 Ed 1.1	<i>Low-voltage switchgear – Part 2-5: Earth leakage switches – Switches that incorporate residual current protection. Consolidated edition incorporating amendment No.1.</i> Amended to update referenced standards.
SANS 788:2022 Ed 1.4	<i>Frozen shrimps (prawns), langoustines and crabs. Consolidated edition incorporating amendment No.4.</i> Amended to update the clause on microbiological requirements, and to delete the annex on note to purchasers.
SANS 1507-4:2022 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. Consolidated edition incorporating amendment No.6.</i> Amended to correct the table on bedding and wire armour of cables without lead sheath.
SANS 3001-AS1:2022 Ed 1.2	<i>Civil engineering test methods – Part AS1: Making of asphalt briquettes for Marshall tests and other specialized tests. Consolidated edition incorporating amendment No.2.</i> Amended to update the introduction and to update the clauses on apparatus, preparation of test specimen samples, and on procedure.
SANS 3001-GR1:2022 Ed 1.3	<i>Civil engineering test methods – Part GR1: Wet preparation and particle size analysis. Consolidated edition incorporating amendment No.3.</i> Amended to update the introduction, definitions and to renumber them accordingly, the apparatus requirements, the clause on procedure, the clause on calculations, the clause on test report, and to update calculation formulae.

SANS 3001-GR31:2022 Ed 1.3	<i>Civil engineering test methods – Part GR31: Determination of the maximum dry density and optimum moisture content of laboratory mixed cementitiously stabilized materials. Consolidated edition incorporating amendment No.3.</i> Amended to update the introduction, referenced standards, definitions and renumber them accordingly, to update the requirements for apparatus, the requirements for test samples, the clause on procedure, the clause on test report, and the annex on calculation of the compaction mould factor by determining the volume.
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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: ESTABLISHMENT 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 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.