

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 724 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-GR63 Ed 1	<i>Civil engineering test methods – Part-GR63, Soil quality – Determination of water-soluble and acid-soluble sulfater.</i> Specifies procedures for the preparation of water and acid extracts of air-dried soils and soil-like materials.	2021-12-30
SANS 885 Ed 4	<i>Processed meat products.</i> Specifies the requirements for the handling, preparation, processing, packaging, refrigeration, freezing, chilling and storage of processed meat products and includes microbiological and compositional requirements for these products.	2022-01-24
SANS 10462 Ed 3	<i>Gas cylinders – Transportable cylinders for dissolved acetylene – Periodic inspection and maintenance.</i> Specifies requirements for the periodic inspection of acetylene cylinders as required for the transport of dangerous goods and for maintenance in connection with periodic inspection..	2022-01-24
SANS 13408-3 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.	2022-01-24
SANS 2079 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.	2021-12-28
SANS 10108 Ed 7	<i>The classification of hazardous locations and the selection of equipment for use in such locations.</i> Covers the classification of surface and underground locations in which fires or explosions can occur owing to the presence of flammable gases, vapours or mists, dusts, fibres or flyings in the air, in order to permit the proper selection of electrical equipment and mechanical equipment, such as compression-ignition engines (diesel engines), to be used in such locations.	2022-01-11-
SATR 50012 Ed 1	<i>Guidance for reporting uncertainty in measurement and verification.</i> Purpose of this guidance document is to provide clarifications and guidance on the use of statistics and statistical modelling for performing energy and water Measurement and Verification (M&V).	2022-01-14
SANS 60372 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).	2021-12-30
SANS 62271-215 Ed 1	<i>High-voltage switchgear and controlgear – Part 215: Phase comparator used with VDIS.</i> Applies to phase comparators designed to be plugged into the testing points of a voltage detecting and indicating system (VDIS) according to IEC 62271-213, to give an indication of the result of a phase comparison.	2022-01-20

SANS 60309-2 Ed 4	<i>Plugs, socket-outlets and couplers for industrial purposes – Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories.</i> Applies to plugs and socket-outlets, cable couplers and appliance couplers with a rated operating voltage not exceeding 1 000 V, 500 Hz and a rated current not exceeding 125 A, primarily intended for industrial use, either indoors or outdoors.	2021-12-30
SANS 60909-4 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 for the calculation of short-circuit currents in 50 Hz or 60 Hz three-phase a.c. systems.	2021-12-30
SANS 62271-100 Ed 3	<i>High-voltage switchgear and controlgear – Part 100: Alternating-current circuit-breakers.</i> Applies to a.c. circuit-breakers designed for indoor or outdoor installation and for operation at frequencies of 50 Hz and 60 Hz on systems having voltages above 1 000 V.	2021-12-30
SANS 62271-105 Ed 3	<i>High-voltage switchgear and controlgear – Part 105: Alternating current switch-fuse combinations for rated voltages above 1 kV up to and including 52 kV.</i> Applies to three-pole units for public and industrial distribution systems that are functional assemblies of switches including switch-disconnectors and current-limiting fuses designed so as to be capable of breaking, at the rated recovery voltage, any current up to and including the rated short-circuit breaking current, and making, at the rated voltage, circuits to which the rated short-circuit breaking current applies.	2021-12-30
SANS 60120 Ed 2	<i>Ball and socket couplings of string insulator units – Dimensions.</i> Define the dimensions of a series of standard ball and socket couplings using the standard locking devices (see IEC 60372) in order to permit the assembly of insulators or metal fittings supplied by different manufacturers.	2021-12-31
SANS 5667-10 Ed 2	<i>Water quality – Sampling – Part 10: Guidance on sampling of waste waters.</i> Contains details on the sampling of domestic and industrial waste water, i.e. the design of sampling programmes and techniques for the collection of samples. Covers waste water in all its forms, i.e. industrial waste water, and crude and treated domestic waste water.	2022-01-24
SATS 33074 Ed 1	<i>Information technology – Process assessment – Process capability assessment model for service management.</i> Defines a process assessment model that relies on the process reference model published as ISO/IEC TS 33054 that meets the requirements of ISO/IEC 33004 and that supports the performance of an assessment by providing indicators for guidance on the interpretation of the process purposes and outcomes and the process attributes as defined in ISO/IEC 33020.	2022-01-24
SANS 24774 Ed 1	<i>Systems and software engineering – Life cycle management – Specification for process description.</i> Provides an explanation of considerations involved in defining a process, further gives requirements and recommendations for the description of processes by identifying elements and rules for their formulation.	2022-01-27
SANS 16085 Ed 2	<i>Systems and software engineering – Life cycle processes – Risk management.</i> provides risk management elaborations for the processes described in ISO/IEC/IEEE 15288 and ISO/IEC/IEEE 12207, provides the users of ISO/IEC/IEEE 15288, ISO/IEC/IEEE 12207 and their associated elaboration standards with common terminology and specialized guidance for performing risk management within the context of systems and software engineering projects, specifies the required information items that are to be produced through the implementation of risk management process for claiming conformance, and specifies the required contents of the information items..	2022-01-27
SATR 61850-7-6 Ed 1	<i>Communication networks and systems for power utility automation – Part 7-6: Guideline for definition of Basic Application Profiles (BAPs) using IEC 61850.</i> Focused on building application / function profiles and specifies a methodology to define Basic Application Profiles (BAPs).	2022-01-27
SANS 23396 Ed 1	<i>Systems and software engineering – Capabilities of review tools.</i> Specifies the capabilities of a tool to support review work, evaluation and selection of the review tools are performed in accordance with ISO/IEC 20741 which defines the general evaluation selection process and evaluation characteristics.	2022-01-27

SANS 60335-2-32 Ed 4	<i>Household and similar electrical appliances – Safety Part 2-32: Particular requirements for massage appliances.</i> Deals with the safety of electric massage appliances for household and similar purposes, their rated voltage being not more than 250 V for single phase appliances and 480 V for other appliances.	2022-01-27
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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 1018 Ed 1.5	<i>Electric cables for motor vehicles – Ignition cables for motor vehicles.</i>	Amended to delete the annex on notes to purchasers.	2022-01-06
SANS 876 Ed 2.2	<i>Cable terminations and live conductors within air-filled enclosures (insulation co-ordination) for rated a.c. voltages from 7,2 kV up to and including 36 kV</i>	Amended to replace reference to "specification" with "standard", to update the sub-clause on enclosures for cable terminations in air, to replace reference to "tender" with "supplier" or "manufacturer", to update the annex on guide to purchasers on preparing an enquiry, the annex on model form for schedules A and B, and the annex on illustrations of enclosures and live conductors.	2021-12-30
SANS 60079-18 Ed 4.1	<i>Explosive atmospheres – Part 18: Equipment protection by encapsulation "m"</i>	Amended to update the scope, to update the clause on type test, routine verifications and tests, and to add the annex on dielectric strength test between circuits and environment.	2022-01-18
SANS 994-1 Ed 1.1	<i>Ratite farming – Part 1: Ostriches</i>	Amended to move reference to the national department to the foreword, and to delete a tradename.	2022-01-24
SANS 10087-10 Ed 1.3	<i>The handling, storage, distribution and maintenance of liquefied petroleum gas in domestic, commercial and industrial installations – Part 10: Mobile filling stations for refillable liquefied petroleum gas (LPG) containers of capacity not exceeding 9 kg</i>	Amended to update referenced standards, to move reference to legislation from the text to the foreword and to change the requirements for water supply on site.	2022-01-24
SANS 521 Ed 3.6	<i>Hospital beds and cots</i>	Amended to update a sub clause on inspection and test methods, to update applicable standards, and to delete the appendix on notes to purchasers.	2022-01-24

SANS 868-4 Ed 1.2	<i>Compression-ignition engine systems and machines powered by such engine systems, for use in mines and plants with explosive gas atmospheres or explosive dust atmospheres or both – Part 4: Non-hazardous locations in underground coal mines.</i>	Amended to update the foreword, to update referenced standards, to update definitions, to update the clause on requirements, and to update the requirements for marking.	2022-01-26
SANS 60601-1-8 Ed 1.1	<i>Medical electrical equipment – Part 1-8: General requirements for basic safety and essential performance -Collateral standard: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems</i>	Amended to update the scope, referenced standards, terms and definitions, alarm systems requirements, and to add the annexes on auditory alarm signals, and validation of auditory icons.	2022-01-27

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 62271-106:2021 Ed 2	<i>High-voltage switchgear and controlgear – Part 106: Alternating current contactors, contactor-based controllers and motor-starters.</i> Applies to AC contactors and/or contactor-based controllers and motorstarters designed for indoor installation and operation at frequencies up to and including 60 Hz on systems having voltages above 1 kV and up to and including 24 kV.
SANS 60601-1-6:2021 Ed 1	<i>Medical electrical equipment – Part 1-6: General requirements for basic safety and essential performance – Collateral Standard: Usability.</i> Specifies a process for a manufacturer to analyse, specify, develop and evaluate the usability, as it relates to basic safety and essential performance of medical electrical equipment, hereafter referred to as ME equipment.
SATS 62257-1:2021 Ed 1	<i>Recommendations for renewable energy and hybrid systems for rural electrification – Part 1: General introduction to IEC 62257 series and rural electrification.</i> Introduces a methodology for implementing rural electrification using autonomous hybrid renewable energy systems.
SANS 16924:2021 Ed 1	<i>Natural gas fuelling stations – LNG stations for fuelling vehicles.</i> Specifies the design, construction, operation, maintenance and inspection of stations for fuelling liquefied natural gas (LNG) to vehicles, including equipment, safety and control devices.

Standard No. and year	Title, scope and purport
SANS 20150:2021 Ed 1	<i>Uniform provisions concerning the approval of retro-reflective devices and markings for power-driven vehicles and their trailers.</i> Applies to retro-reflective devices as: Retro-reflectors of the Classes IA, IB, IIIA, IIIB and IVA Retro-reflective Markings of the Classes C, D, E and F Retro-reflective Marking Plates for Heavy and Long Vehicles of the Classes 1, 2, 3, 4 and 5 Retro-reflective Marking Plates for the slow moving vehicles of the classes 1 and 2 advance warning triangles of type 1 and 2.
SANS 13408-1:2021 Ed 1	<i>Aseptic processing of health care products – Part 1: General requirements.</i> Specifies the general requirements for, and offers guidance on, processes, programmes and procedures for development, validation and routine control of the manufacturing process for aseptically-processed health care products.
SANS 24748-2 Ed 1	<i>Systems and software engineering – Life cycle management – Part 2: Guidelines for the application of ISO/IEC/IEEE 15288 (System life cycle processes).</i> Addresses system, life cycle, organizational, project, and process, concept application, principally through reference to ISO/IEC/IEEE 24748-1 and ISO/IEC/IEEE 15288:2015 (published in South Africa as an identical adoption under the designation SANS 15288:2020).
SANS 24748-3 Ed 1	<i>Systems and software engineering – Life cycle management – Part 3: Guidelines for the application of ISO/IEC/IEEE 12207 (software life cycle processes).</i> Establishes guidance to implement a common framework for software life cycle processes, with well-defined terminology, that can be referenced by the software industry.
SANS 8528-1:2021 Ed 3	<i>Reciprocating internal combustion engine driven alternating current generating sets Part 1: Application, ratings and performance.</i> Defines various classifications for the application, rating and performance of generating sets consisting of a Reciprocating Internal Combustion (RIC) engine, Alternating Current (a.c.) generator and any associated controlgear, switchgear and auxiliary equipment.
SANS 60034-23:2021 Ed 2	<i>Rotating electrical machines – Part 23: Repair, overhaul and reclamation.</i> Covers the procedures necessary to ensure the satisfactory repair, overhaul, and reclamation of all types and sizes of rotating electrical machines.
SANS 10400-XA:2021 Ed 2	<i>The application of the National Building Regulations Part X: Environmental sustainability Part XA: Energy usage in buildings.</i> Provides deemed-to-satisfy requirements for compliance with part XA (Energy usage in buildings) of the National Building Regulations.
SANS 12207:2021 Ed 3	<i>Systems and software engineering – Software life cycle processes.</i> Establishes a common framework for software life cycle processes, with well defined terminology, that can be referenced by the software industry.
SANS 18013-1:2021 Ed 2	<i>Information technology – Personal identification – ISO-compliant driving licence – Part 1: Physical characteristics and basic data set.</i> Provides guidelines for the design format and data content of an ISO-compliant driving licence (IDL) in regard to both visual human-readable features and ISO machine-readable technologies.
SANS 18013-2:2021 Ed 2	<i>Information technology – Personal identification – ISO-compliant driving licence – Part 2: Machine-readable technologies.</i> Specifies the requirements for the implementation of machine-readable technology on an IDL.
SANS 18013-4:2021 Ed 2	<i>Personal identification – ISO-compliant driving licence – Part 4: Test methods.</i> Describes the test methods used for conformity testing that is methods for determining whether a driving licence can be considered to comply with the requirements of the ISO/IEC 18013 series.
SANS 10142-1-2:2021 Ed 1	<i>The wiring of premises – Part 1-2: Additional special requirements for low voltage small scale embedded generator installations connected to THE GRID.</i> 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.
SANS 60584-1:2021 Ed 1	<i>Thermocouples – Part 1: EMF specifications and tolerances.</i> Specifies reference functions and tolerances for letter-designated thermocouples (Types R, S, B, J, T, E, K, N, C and A).

Standard No. and year	Title, scope and purport
SAS 60715:2021 Ed 1	<i>Dimensions of low-voltage switchgear and controlgear – standardized mounting on rails for mechanical support of switchgear, controlgear and accessories.</i> Specifies dimensional and functional requirements for the compatible mounting of switchgear, controlgear and accessories on some types of rails.
SANS 61158-3-18:2021 Ed 1	<i>Industrial communication networks – Fieldbus specifications – Part 3-18: Data-link layer service definition – Type 18 elements.</i> Provides common elements for basic time-critical and non-time-critical messaging communications between devices in an automation environment and material specific to Type 18 fieldbus.
SANS 61158-3-24:2021 Ed 1	<i>Industrial communication networks – Fieldbus specifications – Part 3-24: Data-link layer service definition – Type 24 elements.</i> Provides common elements for basic time-critical messaging communications between devices in an automation environment.
SATS 63107:2021 Ed 1	<i>Integration of internal arc-fault mitigation systems in power switchgear and controlgear assemblies (PSC-Assemblies) according to IEC 61439-2.</i> States requirements for integration and testing of IAMS in low-voltage switchgear and controlgear assemblies – power switchgear and controlgear assemblies according to IEC 61439-1 (published in South Africa as an identical adoption under the designation SANS 61439-1) and IEC 61439-2 (PSC-assemblies) (published in South Africa as an identical adoption under the designation SANS 61439 -2) to demonstrate their correct operation.
SANS 3001-AS5:2021 Ed 1	<i>Civil engineering test methods – Part AS5: Determination of the dynamic creep of asphalt.</i> Describes a method to determine the dynamic creep of an asphalt mixture by applying a cyclical axial load to a cylindrical specimen at a controlled temperature.
SANS 50054-12:2021 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 detects 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.
SANS 13408-5:2021 Ed 1	<i>Aseptic processing of healthcare products – Part 5: Sterilization in place.</i> Specifies the general requirements for sterilization in place (SIP) applied to product contact surfaces of the equipment used in the manufacture of sterile health care products by aseptic processing and offers guidance on qualification, validation, operation and control.
SANS 21398:2021 Ed 2	<i>Hard coal and coke-- Guidance to the inspection of mechanical sampling systems.</i> Sets out recommended practices for the inspection of mechanical sampling systems and serves as a guide for conformance with applicable ISO/TC 27 standards.
SANS 18013-3:2021 Ed 2	<i>Information technology – Personal identification – ISO-compliant driving licence Part 3: Access control, authentication and integrity validation.</i> Establishes guidelines for the design format and data content of an ISO-compliant driving licence (IDL) with regard to human-readable features (ISO/IEC 18013-1) (published in South Africa as an identical adoption under the designation SANS 18013-1), machine-readable technologies (ISO/IEC 18013-2) (published in South Africa as an identical adoption under the designation SANS 18013-2), and access control, authentication and integrity validation (ISO/IEC 18013-3) (published in South Africa as an identical adoption under the designation SANS 18013-1).
SANS 10146-2:2021 Ed 1	<i>Laundry – Part 2: Operational management.</i> Specifies the requirements for the safe and effective operational management of all laundries.
SANS 62282-3-201:2021 Ed 1	<i>Fuel cell technologies – Part 3-201: Stationary fuel cell power systems – Performance test methods for small fuel cell power systems.</i> Provides test methods for the electrical, thermal and environmental performance of small stationary fuel cell power systems that meet rated electric power output of less than 10 kW; grid-connected/independent operation or stand-alone operation with single-phase AC output or 3-phase AC output not exceeding 1 000 V, or DC output not exceeding 1 500 V; maximum allowable working pressure of less than 0,1 MPa (gauge) for the fuel and oxidant passages; gaseous fuel (natural gas, liquefied petroleum gas, propane, butane, hydrogen, etc.) or liquid fuel (kerosene, methanol, etc.); oxidant: air.

Standard No. and year	Title, scope and purport
SANS 50900: Ed 2	<i>Chemicals used for treatment of water intended for human consumption – Calcium hypochlorite.</i> Applies to calcium hypochlorite used for the treatment of water intended for human consumption.
SANS 1295:2021 Ed 1	<i>Rational use of energy – Thermal efficiency on gas appliances.</i> Sets out the rational use of energy requirements and test methods for gas appliances falling within the scope of SANS 1539 including but not limited to cooking appliances, instantaneous water heaters, and storage water heaters.
SANS 24748-4:2021 Ed 1	<i>Systems and software engineering – Life cycle management – Part 4: Systems engineering planning.</i> Specifies the Technical Management processes from ISO/IEC/IEEE 15288 (published in South Africa as an identical adoption under the designation SANS 15288) that are required to be implemented for planning a systems engineering project, gives guidelines for applying the required processes, specifies a required information item, a plan for the technical management and execution of the project that is to be produced through the implementation of the Project Planning process, gives guidelines for the format and content of the required information item, and provides normative definition of the content of the information item that results from the application of these processes to that end.
SANS 737:2021 Ed 2	<i>Coal – Determination of plastic properties – Constant-torque Gieseler plastometer method.</i> Specifies a method for obtaining a relative measure of the plastic behaviour of coal when heated under prescribed conditions.
SANS 10752:2021 Ed 2	<i>Coal sizing equipment - Performance evaluation.</i> Describes the principles and methods for the expression of results of performance tests on sizing equipment used in coal preparation, and includes methods for the evaluation of performance parameters.
SANS 10753:2021 Ed 2	<i>Coal preparation plant – Assessment of the liability to breakdown in water of materials associated with coal seams.</i> Specifies a method for assessing the liability of materials associated with coal seams to breakdown on agitation with water.
SANS 24617-2:2021 Ed 2	<i>Language resource management – Semantic annotation framework (SemAF) – Part 2: Dialogue acts.</i> Provides a set of empirically and theoretically well motivated concepts for dialogue annotation, a formal language for expressing dialogue annotations (the Dialogue Act Markup Language, DiAML), and a method for segmenting a dialogue into semantic units.
SANS 60034-1:2021 Ed 5	<i>Rotating electrical machines – Part 1: Rating and performance.</i> Applies to all rotating electrical machines except those covered by other IEC standards.
SANS 60598-1:2021 Ed 7	<i>Luminaires Part 1: General requirements and tests.</i> Specifies general requirements for luminaires, incorporating electric light sources for operation from supply voltages up to 1 000 V.

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 61534-21:2021 Ed.1.1	<i>Powertrack systems – Part 21: Particular requirements for powertrack systems intended for wall and ceiling mounting. Consolidated edition incorporating amendment No.1.</i> Amended to update referenced standards, and terms and definitions.
SANS 1825:2021 Ed 4.2	<i>Gas cylinder test stations – General requirements for periodic inspection and testing of transportable refillable gas pressure receptacles. Consolidated edition incorporating amendment No.2.</i> Amended to update the table on intervals for periodic inspection and testing of pressure receptacles, the requirements for identification of cylinder and preparation for inspections and tests, and the requirements for cylinder records and inspection report/certificates, to add foot notes in the table for basic equipment for test stations, to update the requirements for resale of and scrapping/rejection criteria for pressure receptacles, and to update the annexes on withdrawn cylinder specifications, on LPG cylinder inspection and test procedures, and on Test pressure requirements for DOT pressure receptacles, and referenced standards.
SANS 777:2021 Ed 3.5	<i>Overbed tables Consolidated edition incorporating amendment No.5.</i> Amended to delete the appendix on notes to purchasers.
SANS 60269-6:2021 Ed 1.1	<i>Low-voltage fuses – Part 6: Supplementary requirements for fuse-links for the protection of solar photovoltaic energy systems. Consolidated edition incorporating amendment No.1.</i> Amended to update the scope, referenced standards and terms and definitions, to update requirements for characteristics of fuses, tests, the annex on examples of standardized fuse-links for the protection of solar photovoltaic energy systems and the annex on guidance for the protection of photovoltaic strings and arrays with fuse-links designed for PV applications.
SANS 619:2021 Ed 2.3	<i>Emulsifiable cutting oil (light duty). Consolidated edition incorporating amendment No.3.</i> Amended to update the definitions, to replace the reference to "(v/v)" with "volume fraction", to correct a cross-reference to a table, to update referenced standards, and the designation of the annexes on applicable standards and on notes to users of light-duty emulsifiable cutting oils.
SANS 778:2021 Ed 3.5	<i>Patients' trolleys. Consolidated edition incorporating amendment No.5.</i> Amended to delete the annex on notes to purchasers.
SANS 811:2021 Ed 1.1	<i>Shirts, closed and open neck (uniform and hard-wearing types). Consolidated edition incorporating amendment No.1.</i> Amended to update referenced standards, and to delete the annex on notes to purchasers.
SANS 1457:2021 Ed 1.2	<i>Plastics buttons. Consolidated edition incorporating amendment No.2.</i> Amended to update referenced standards, to delete the footnote on washing device, to delete the appendix on notes to purchasers, and to update the appendix on quality evaluation of plastics buttons.
SANS 726:2021 Ed 2.4	<i>Medical trolleys (dressing/medicine; instrument; anaesthetists' dressing). Consolidated edition incorporating amendment No.4.</i> Amended to delete the appendix on notes to purchasers.
SANS 3001-CO3-3:2021 Ed 1.1	<i>Civil engineering test methods – Part CO3-3: Concrete durability index testing – Chloride conductivity test. Consolidated edition incorporating amendment No.1.</i> Amended to update the clause on procedure, the clause on calculations, and 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
SANS 1301:2012 Ed 1	<i>140 L Mobile refuse bins</i>
SATR 21102: 2016 Ed 1	<i>Adventure tourism – Leaders – Personnel competence</i>
SANS 61056-3:2003 Ed 1	<i>Portable lead-acid cells and batteries (valve-regulated types) – Part 3: Safety recommendations for use in electric appliances</i>
SANS 62271-107:2012 Ed 2	<i>High-voltage switchgear and controlgear – Part 107: Alternating current fused circuit-switchers for rated voltages above 1 kV up to and including 52 kV</i>

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.