

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 1818 OF 2023

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.

Draft Standard No. and Edition	Title, scope and purport	Closing Date
SATS 19139-1 Ed 1	<i>Geographic Information – XML schema implementation – Part 1: encoding rules.</i> Defines XML based encoding rules for conceptual schemas specifying types that describe geographic resources.	2023-06-06
SANS 62271-4 Ed 2	<i>High-voltage switchgear and controlgear – Part 4: Handling procedures for sulphur hexafluoride (SF6) and its mixtures.</i> Applies to the procedures for handling of gases for insulation and/or switching during installation, commissioning, repair, overhaul, normal and abnormal operations and disposal at the end-of-life of electric power equipment.	2023-07-02
SANS 51436 Ed 1	<i>Road Marking Materials – Road Marking Performance for road users and test methods.</i> Specifies the performance for road users of white and yellow road markings, as expressed by their reflection in daylight or under road lighting, retroreflection in vehicle headlamp illumination, colour and skid resistance.	2023-07-04

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 2220-2-2 Ed 1.3	<i>Electrical security systems – Part 2-2: Access control systems – Central processor.</i>	Amended to update the referenced standards.	2023-07-06
SANS 1138-3 Ed 2.2	<i>Nurses' woven uniform fabric (polyester-and-cotton).</i>	Amended to delete the annex on notes to purchasers.	2023-06-05
SANS 2220-2-5 Ed 1.3	<i>Electrical security systems – Part 2-5: Access control systems – Biometric readers.</i>	Amended to update the referenced standards.	2023-07-06
SANS 1717-1 Ed 1.1	<i>The design of detonator initiation systems for use in mining and civil blasting applications – Part 1: Electronic initiation systems.</i>	Amended to update the referenced standards.	2023-07-04
SANS 1183 Ed 2.2	<i>Nurses' woven uniform fabric (polyester-and-cotton).</i>	Amended to delete the annex on notes to purchasers.	2023-06-05
SANS 1394-2 Ed 1.3	<i>Duvets and pillows – Part 2: Synthetic-fibre filled.</i>	Amended to update referenced standards, to delete references to the Trade Metrology Regulations, and to delete the annex on notes to purchasers.	2023-07-04
SANS 877 Ed 3.1	<i>Woven cotton tapes.</i>	Amended to delete the annex on notes to purchasers.	2023-07-04

SANS 1318 Ed 1.1	<i>Scholastic stationery.</i>	Amended to include additional requirement for soft covers and to delete the annex on notes to purchasers.	2023-07-04
SANS 985 Ed 3.4	<i>Polyester-and-wool uniform fabrics.</i>	Amended to delete the annex on notes to purchasers.	2023-07-04
SANS 1604 Ed 1.2	<i>Biologically enhanced cleaning and degreasing products.</i>	Amended to add waste treatment products to the standard and adjust standard accordingly.	2023-07-04
SANS 1326 Ed 1.5	<i>Sodium lauryl ether sulphate.</i>	Amended to delete the appendix on notes to purchasers.	2023-07-04
SANS 10114-1 Ed 4.1	<i>Interior lighting – Part 1: Artificial lighting of interiors.</i>	Amended to update Table 1.	2023-07-02
SANS 1324 Ed 2.3	<i>Upholstery fabrics.</i>	Amended to delete the annex on notes to purchasers.	2023-07-04
SANS 1756 Ed 1.1	<i>Packaging, paper potato bag.</i>	Amended to delete the annex on notes to purchasers.	2023-07-04
SANS 60754-2 Ed 2.1	<i>Test on gases evolved during combustion of materials from cables – Part 2: Determination of acidity (by pH measurement) and conductivity.</i>	Amended to improve definition of safety requirements relating to capture of gases, definition of the heating procedure, expression of tolerances and precision, clarify the conductivity and acidity functions, correct the formulae for the calculation of the test results, introduce guidance on the preparation of test specimens for more even combustion, greater precision in the definition of the test temperature for the determination of pH value and conductivity.	2023-06-27
SANS 3001-GR50 Ed 1.2	<i>Civil engineering test methods – Part GR50: Preparation, compaction and curing of specimens of laboratory mixed cementitious stabilized materials.</i>	Amended to update introduction, referenced standards, include water quality requirements for testing and amend the text thereafter, increase sample masses and amend formula in annex A.	2023-07-11
SANS 3001-GR57 Ed 1.1	<i>Civil engineering test methods – Part GR57: Determination of the initial stabilizer consumption of soils and gravels.</i>	Amended to update the introduction and add testing water quality requirements.	2023-07-11

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 1160:2011 Ed 1	<i>Drinking water system components – Health effects.</i>	Technical committee 147 Water was informed that ANSI 61 is freely available and accessible on the internet, an updated version uploaded on a two-year interval. This was confirmed by a member of a Technical committee from the American National Standards Institute	2023-07-31
SANS 12200:2008 Ed 1	<i>Computer applications in terminology – Machine-readable terminology interchange format (MARTIF) – Negotiated interchange.</i>	The standard is outdated.	2023-07-31

SCHEDULE A.3: WITHDRAWAL OF INFORMATIVE AND NORMATIVE 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**

Standard No. and year	Title, scope and purport
SANS 3092:2023 Ed 1	<i>Laundry alkali</i> . Covers two types of alkali for use in laundries intended for use in the heavy-duty laundering of white and coloured cotton fabrics, but are not suitable for use in the laundering of woollen, silk or synthetic fabrics.
SANS 51422:2023 Ed 1	<i>Sterilizers for medical purposes – Ethylene oxide sterilizers – Requirements and test methods</i> . Specifies the requirements and the relevant tests for automatically controlled sterilizers employing ethylene oxide (EO) gas as the sterilant, either as a pure gas or a mixture with other gases, being used for the sterilization of medical devices and their accessories.
SANS 19650-2:2023 Ed 1	<i>Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) – Information management using building information modelling – Part 2: Delivery phase of the assets</i> . Specifies requirements for information management, in the form of a management process, within the context of the delivery phase of assets and the exchanges of information within it, using building information modelling.
SATS 10020:2023 Ed 1	<i>Quality management systems – Organizational change management – Processes</i> . Specifies processes that can be used to govern, manage, and implement organizational change management for any organization, project, or smaller activity.
SANS 556-2-2:2023 Ed 2	<i>Low-voltage switchgear – Part 2-2: Earth leakage switches</i> . Applies to earth leakage switches (ELSWs) that are functionally independent of, or functionally dependent on, line voltage, are for household and similar uses, do not incorporate overcurrent protection, and are for rated voltages that do not exceed 440 V a.c. with rated frequencies of 50 Hz, 60 Hz or 50/60 Hz and rated currents that do not exceed 125 A.
SANS 60335-2-60:2023 Ed 4	<i>Household and similar electrical appliances – Safety – Part 2-60: Particular requirements for whirlpool baths and whirlpool spas</i> . Deals with the safety of electric whirlpool baths for indoor use and whirlpool spas, for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.
SANS 61730-1:2023 Ed 2	<i>Photovoltaic (PV) module safety qualification – Part 1: Requirements for construction</i> . Specifies and describes the fundamental construction requirements for photovoltaic (PV) modules in order to provide safe electrical and mechanical operation.
SANS 62271-203:2023 Ed 3	<i>High-voltage switchgear and controlgear – Part 203: AC gas-insulated metal-enclosed switchgear for rated voltages above 52 kV</i> . Specifies requirements for gas-insulated metal-enclosed switchgear in which the insulation is obtained, at least partly, by an insulating gas or gas mixture other than air at atmospheric pressure, for alternating current of rated voltages above 52 kV, for indoor and outdoor installation, and for service frequencies up to and including 60 Hz.
SANS 62271-204:2023 Ed 2	<i>High-voltage switchgear and controlgear – Part 204: Rigid gas-insulated transmission lines for rated voltage above 52 kV</i> . Applies to rigid HV gas-insulated transmission lines (GIL) in which the insulation is obtained, at least partly, by an insulating gas or gas mixture other than air at atmospheric pressure, for alternating current of rated voltages above 52 kV, and for service frequencies up to and including 60 Hz.

Standard No. and year	Title, scope and purport
SANS 1482:2023 Ed 3	<i>Ladies' shoes, flat lasted, with stuck-on outer soles.</i> Specifies requirements for materials and construction for ladies' shoes made in accordance with the flat-lasted stuck-on principle.
SANS 12402-2:2023 Ed 2	<i>Personal flotation devices – Part 2: Lifejackets, performance level 275 – Safety requirements.</i> Specifies the safety requirements for lifejackets, performance level 275.
SANS 7816-4:2023 Ed 4	<i>Identification cards – Integrated circuit cards – Part 4: Organization, security and commands for interchange.</i> Specifies contents of command-response pairs exchanged at the interface.
SANS 27001:2023 Ed 3	<i>Information security, cybersecurity and privacy protection – Information security management systems – Requirements.</i> Specifies the requirements for establishing, implementing, maintaining and continually improving an information security management system within the context of the organization.
SANS 27002:2023 Ed 3	<i>Information security, cybersecurity and privacy protection – Information security controls.</i> Provides a reference set of generic information security controls including implementation guidance.

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 60335-2-17:2023 Ed 3.2	<i>Household and similar electrical appliances – Safety – Part 2-17: Particular requirements for blankets, pads, clothing, and similar flexible heating appliances. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards, terms and definitions, general conditions for the tests, the requirements for classification, marking and instructions, power input and current, heating, leakage current and electric strength at operating temperature, moisture resistance, leakage current and electric strength, abnormal operation, mechanical strength, construction, supply connection and external flexible cords, resistance to heat and fire, and to update the figures on radiation, toxicity and similar hazards and the annex on routine tests.
SANS 60335-2-54:2023 Ed 4.2	<i>Household and similar electrical appliances – Safety – Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam. Consolidated edition incorporating amendment No. 2.</i> Amended to update the clause on stability and mechanical hazards requirements, and construction requirements.
SANS 62271-1:2023 Ed 2.1	<i>High-voltage switchgear and controlgear – Part 1: Common specifications for alternating current switchgear and controlgear. Consolidated edition incorporating amendment No. 1.</i> Amended to modify the requirements for auxiliary and control equipment circuits.
SANS 62841-3-1:2023 Ed 1.1	<i>Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 3-1: Particular requirements for transportable table saws. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, terms and definitions, the clauses on marking and instructions, and on abnormal operation, the requirements on mechanical hazards, mechanical strength, construction, creepage distances, and on clearances and distances through insulation, and the annex on battery tools and battery packs.
SANS 28:2023 Ed 4.2	<i>Metal ties for cavity walls. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards and to delete the appendix on notes to purchasers.
SANS 3001-GR41:2023 Ed 1.1	<i>Civil engineering test methods – Part GR41: Determination of the California bearing ratio of lime treated materials. Consolidated edition incorporating amendment No. 1.</i> Amended to update the introduction, referenced standards, and the requirements for samples, test procedure, and for test report.
SANS 10109-2:2023 Ed 3.2	<i>Concrete floors – Part 2: Finishes to concrete floors. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 651-1:2023 Ed 1.1	<i>Laundry detergents – Part 1: Low-foam laundry detergents (for use in automatic and non-automatic domestic washing machines). Consolidated edition incorporating amendment No. 1.</i> Amended to update the referenced standards and the test requirement for pH.

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
ARP 062-2:2005 Ed 1	<i>Recommendations for small renewable energy and hybrid systems for rural electrification – Part 2: From requirements to a range of electrification systems.</i>
ARP 062-6:2006 Ed 1	<i>Recommendations for small renewable energy and hybrid systems for rural electrification – Part 6: Acceptance, operation, maintenance and replacement.</i>
ARP 062-7-1:2011 Ed 2	<i>Recommendations for small renewable energy and hybrid systems for rural electrification – Part 7-1: Generators – Photovoltaic generators.</i>
ARP 062-8-1:2007 Ed 1	<i>Recommendations for small renewable energy and hybrid systems for rural electrification – Part 8-1: Selection of batteries and battery management systems for stand-alone electrification systems – Specific case of automotive flooded lead-acid batteries available in developing countries.</i>

ARP 062-9-1:2009 Ed 1	<i>Recommendations for small renewable energy and hybrid systems for rural electrification – Part 9-1: Micropower systems.</i>
ARP 062-9-3:2008 Ed 1	<i>Recommendations for small renewable energy and hybrid systems for rural electrification – Part 9-3: Integrated system – User interface.</i>
ARP 062-9-5:2007 Ed 1	<i>Recommendations for small renewable energy and hybrid systems for rural electrification – Part 9-5: Integrated system – Selection of portable PV lanterns for rural electrification projects.</i>
ARP 062-12-1:2008 Ed 1	<i>Recommendations for small renewable energy and hybrid systems for rural electrification – Part 12-1: Selection of self-ballasted lamps (CFL) for rural electrification systems and recommendations for household lighting equipment.</i>
SANS 62053-31:2015 Ed 1	<i>Electricity metering equipment (a.c.) – Particular requirements – Part 31: Pulse output devices for electromechanical and electronic meters (two wires only).</i>
SANS 5117:2005 Ed 2	<i>Textiles – Formulae used in statistical analysis.</i>

SCHEDULE B4: ESTABLISHMENT OF TECHNICAL COMMITTEES

In terms of the South African Norm for the development of South African National Standards, the following technical committee has been established:

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: RETRACTION OF PREVIOUSLY GAZETTED ITEMS

Notice is hereby given that the following standards gazetted for public enquiry have been retracted.

Standard No.	Title	Scope	Date gazetted

SCHEDULE B6: GENERAL

Notice is hereby given that the following standards/draft standard have been renumbered.

Standard/draft No.	Title	Scope	New number/designation

SCHEDULE B7: 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.