

## DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NO. 2381

22 March 2024

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
SANS 19162 Ed 2	<i>Geographic information – Well-known text representation of coordinate reference systems.</i> Defines the structure and content of a text string implementation of the abstract model for coordinate reference systems described in ISO 19111 (published in South Africa as an identical adoption under the designation SANS 19111).	2024-05-07
SANS 30300 Ed 2	<i>Information and documentation – Records management – Core concepts and vocabulary.</i> Contains terms and definitions that are relevant to the core concepts of the records management domain.	2024-05-07
SANS 21503 Ed 1	<i>Programme and portfolio management – Guidance on programme management.</i> Gives guidance on programme management.	2024-05-07
SANS 21504 Ed 2	<i>Project, programme and portfolio management-Guidance on portfolio management.</i> Gives guidance on the principles of project and programme portfolio management.	2024-05-07
SANS 3697 Ed 2	<i>Standard test method for antimony in water.</i> Covers the determination of dissolved and total recoverable antimony in water by atomic absorption spectroscopy.	2024-05-07
SANS 3859 Ed 2	<i>Standard test methods for selenium in water.</i> Covers the determination of dissolved and total recoverable selenium in most waters and wastewaters.	2024-05-07
SANS 61238-1-1 Ed 1	<i>Compression and mechanical connectors for power cables – Part 1-1: Test methods and requirements for compression and mechanical connectors for power cables for rated voltages up to 1 kV (Um = 1,2 kV) tested on non-insulated conductors.</i> Define the type test methods and requirements which apply to compression and mechanical connectors for power cables with copper or aluminium conductors.	2024-05-09
SANS 10087-1 Ed 7	<i>The handling, storage, distribution and maintenance of liquefied petroleum gas in domestic, commercial, and industrial installations – Part 1: Liquefied petroleum gas installations involving gas storage containers of individual water capacity not exceeding 500 L and a combined water capacity not exceeding 3 000 L per installation.</i> Specifies requirements for the materials, the methods of construction and the installation of equipment used in liquefied petroleum gas applications for domestic and commercial installations that involve gas containers of individual water capacity not exceeding 500 L and of a combined water capacity not exceeding 3 000 L.	2024-04-15
SANS 60840 Ed 2	<i>Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV) – Test methods and requirements.</i> Specifies test methods and requirements for power cable systems, cables alone and accessories alone, for fixed installations and for rated voltages above 30 kV (Um = 36 kV) up to and including 150 kV (Um = 170 kV).	2024-05-14
SANS 1808-53 Ed 2	<i>Water supply and distribution system components – Part 53: Drain cocks for hot-water storage containers.</i> Specifies dimensional and performance requirements for copper alloy drain cocks that are suitable for the draining of hot-water storage containers that comply with SANS 151.	2024-05-14
SANS 61238-1-2 Ed 1	<i>Compression and mechanical connectors for power cables – Part 1-2: Test methods and requirements for insulation piercing connectors for power cables for rated voltages up to 1 kV (Um = 1,2 kV) tested on insulated conductors.</i> Define the type test methods and requirements, which apply to insulation piercing connectors for power cables with copper or aluminium conductors.	2024-05-14

**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.

<b>Draft Standard No. and Edition</b>	<b>Title</b>	<b>Scope of amendment</b>	<b>Closing Date</b>
SANS 61557-7 Ed 1.1	<i>Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. – Equipment for testing, measuring or monitoring of protective measures – Part 7: Phase sequence.</i>	Amended to add the clause on measuring equipment, to update marking and operating instructions, and the clause on tests.	2024-05-14
SANS 62262 Ed 1.1	<i>Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code).</i>	Amended to update the scope, the normative references, to add terms and definitions, to remove and add on designation. And bibliography.	2024-05-14
SANS 10222-5-1-5 Ed 1.2	<i>Electrical security installations – Part 5-1-5: CCTV installations – CCTV surveillance systems for use in security applications – Maintenance requirements.</i>	Amended to delete reference to certificate of compliance.	2024-05-14
SANS 868-3-2 Ed 1.1	<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 3-2: Hazardous locations on surface – Explosion-protected engine systems.</i>	Amended to update the subclause on marking.	2024-05-14

**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 withdrawn them.

<b>Draft Standard No. and Edition</b>	<b>Title</b>	<b>Reason for withdrawal</b>	<b>Closing Date</b>
SANS 5274 Ed 3	<i>Alkali-solubility of flax materials.</i>	The standard is obsolete.	2024-05-05
SANS 6008 Ed 3	<i>Assessment of the tendency of apparel fabrics to snag (mace tester method)</i>	The standard is obsolete.	2024-05-05

**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 17409:2024 Ed 1	<i>Electrically propelled road vehicles – Conductive power transfer – Safety requirements.</i> Specifies electric safety requirements for conductive connection of electrically propelled road vehicles to external electric circuits.
SANS 61215-1-2:2024 Ed 1	<i>Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 1-2: Special requirements for testing of thin-film Cadmium Telluride (CdTe) based Photovoltaic (PV) modules.</i> Sets out the requirements for the design qualification of terrestrial photovoltaic modules suitable for long-term operation in open-air climates.
SANS 61215-2:2024 Ed 1	<i>Terrestrial photovoltaic (PV) modules – Design qualification and type approval – Part 2: Test procedures.</i> Lays down requirements for the design qualification of terrestrial photovoltaic modules suitable for long-term operation in open-air climates.
SANS 61851-25:2024 Ed 1	<i>Electric vehicle conductive charging system – Part 25: DC EV supply equipment where protection relies on electrical separation.</i> Applies to the DC EV supply equipment for charging electric road vehicles with a rated supply voltage of up to 480 V AC or up to 600 V DC, with rated output voltage not exceeding 120 V DC and output currents not exceeding 100 A DC.
SANS 61980-1:2024 Ed 1	<i>Electric vehicle wireless power transfer (WPT) systems – Part 1: General requirements.</i> Applies to the supply device for charging electric road vehicles using wireless methods at standard supply voltages per IEC 60038 up to 1 000 V AC and up to 1 500 V DC.
SANS 62552-3:2024 Ed 1	<i>Household refrigerating appliances – Characteristics and test methods – Part 3: Energy consumption and volume.</i> Specifies the essential characteristics of household and similar refrigerating appliances cooled by internal natural convection or forced air circulation, and establishes test methods for checking these characteristics.
SANS 63119-1:2024 Ed 1	<i>Information exchange for electric vehicle charging roaming service – Part 1: General.</i> Specifies the terms and definitions, general description of the system model, classification, information exchange and security mechanisms for roaming between EV charge service providers (CSPs), charging station operators (CSOs) and clearing house platforms through roaming endpoints.
SANS 2087:2024 Ed 1	<i>Antibacterial Bathing Bars – Specifications.</i> Specifies the requirement and method of sampling and test for solid antibacterial bathing bars used for personal care.
SANS 4307:2024 Ed 1	<i>Molecular in vitro diagnostic examinations – Specifications for pre-examination processes for saliva – Isolated human DNA.</i> Specifies requirements and recommendations on the handling, storage, processing and documentation of saliva specimens intended for human DNA examination during the pre-examination phase before a molecular examination is performed.
SANS 20186-1:2024 Ed 1	<i>Molecular in vitro diagnostic examinations – Specifications for pre-examination processes for venous whole blood – Part 1: Isolated cellular RNA.</i> Gives guidelines on the handling, storage, processing and documentation of venous whole blood specimens intended for cellular RNA examination during the pre-examination phase before a molecular examination is performed.

Standard No. and year	Title, scope and purport
SANS 20186-3:2024 Ed 1	<i>Molecular in vitro diagnostic examinations – Specifications for pre-examination processes for venous whole blood – Part 3: Isolated circulating cell free DNA from plasma.</i> Provides recommendations and requirements on the handling, storage, processing and documentation of venous whole blood specimens intended for circulating cell free DNA (ccfDNA) examination during the pre-examination phase before an analytical test is performed.
SANS 20186-2:2024 Ed 1	<i>Molecular in vitro diagnostic examinations – Specifications for pre-examination processes for venous whole blood – Part 2: Isolated genomic DNA.</i> Gives guidelines on the handling, storage, processing and documentation of venous whole blood specimens intended for genomic DNA examination during the pre-examination phase before a molecular examination is performed.
SANS 24495-1:2024 Ed 1	<i>Plain language – Part 1: Governing principles and guidelines.</i> Establishes governing principles and guidelines for developing plain language documents.
SANS 673:2024 Ed 4	<i>Mixtures of copper-chromium-arsenic compounds for timber preservation.</i> Covers mixtures of copper-chromium-arsenic compounds (in the form of a powder, a granular powder, a paste, or a liquid) for timber preservation.

## 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 347:2024 Ed 3.1	<i>Categorization and conformity assessment criteria for all pressure equipment. Consolidated edition incorporating amendment No. 1.</i> Amended to update the clause on conformity assessments criteria, the annex on declaration of conformity requirements for RSA/CI/OHSA marked pressure equipment (non-nuclear use), and the annex on Declaration of conformity requirements for RSA/CI/OHSA marked pressure equipment (nuclear use).
SANS 794:2024 Ed 2.3	<i>Aggregates of low density. Consolidated edition incorporating amendment No. 3.</i> Amended to delete the annex on notes to purchasers.
SANS 1553-1:2024 Ed 1.3	<i>PVC-U window and door frames for external use – Part 1: PVC-U profiles for window and door frames. Consolidated edition incorporating amendment No. 3.</i> Amended to add an introduction, and to delete the annex on notes to purchasers.
SANS 1173:2024 Ed 3.1	<i>Conveyor belting – General purpose textile-reinforced construction. Consolidated edition incorporating amendment No. 1.</i> Amended to delete the annex on notes to purchasers.
SANS 1808-32:2024 Ed 1.4	<i>Water supply and distribution system components – Part 32: Float valves (equilibrium type). Consolidated edition incorporating amendment No. 4.</i> Amended to delete annex on notes to purchasers.
SANS 1882:2024 Ed 1.1	<i>Polymer concrete surface boxes, manhole and inspection covers, gully gratings and frames. Consolidated edition incorporating amendment No. 1.</i> Amended to delete the annex on notes to purchasers.
SANS 3001-PR5:2024 Ed 1.2	<i>Civil engineering test methods – Part PR5: Computation of soil-mortar percentages, coarse sand ratio, grading modulus and fineness modulus. Consolidated edition incorporating amendment No. 2.</i> Amended to update the introduction and calculations.
SANS 585:2024 Ed 4.3	<i>The production of frozen fish, marine molluscs, and products derived therefrom. Consolidated edition incorporating amendment No. 3.</i> Amended to update the notes and the footnotes in the tables on microbiological requirements.
SANS 788:2024 Ed 1.5	<i>Frozen shrimps (prawns), langoustines and crabs. Consolidated edition incorporating amendment No. 5.</i> Amended to update the tables on microbiological requirements for one random sample of product and on microbiological requirements for five random samples of product.
SANS 1905:2024 Ed 2.2	<i>Hydraulic brake and clutch fluid (DOT 3 and DOT 4). Consolidated edition incorporating amendment No. 2.</i> Amended 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
SANS 60439-1:2004 Ed 3.1	<i>Low-voltage switchgear and controlgear assemblies – Part 1: Type-tested and partially type-tested assemblies.</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](mailto: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.