

## GENERAL NOTICES • ALGEMENE KENNISGEWINGS

## DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

## NOTICE 2257 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
SANS 62056-3-1 Ed 2	<i>Electricity metering data exchange – The DLMS/COSEM suite – Part 3-1: Use of local area networks on twisted pair with carrier signalling.</i> Describes three profiles for local bus data exchange with stations either energized or not.	2024-02-19
SATS 62056-8-20 Ed 1	<i>Electricity metering data exchange – The DLMS/COSEM suite – Part 8-20: Mesh communication profile for neighbourhood networks.</i> Specifies a DLMS/COSEM communication profile that can be used in a smart metering system in which the Neighbourhood Networks (NN) are mesh networks.	2024-02-19
SANS 62586-2 Ed 2	<i>Power quality measurement in power supply systems – Part 2: Functional tests and uncertainty requirements.</i> Specifies functional tests and uncertainty requirements for instruments whose functions include measuring, recording, and possibly monitoring power quality parameters in power supply systems, and whose measuring methods (class A or class S) are defined in IEC 61000-4-30 (published in South Africa as an identical adoption under the designation SANS 61000-4-30).	2024-02-15
SANS 20186-1 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.	2024-02-19
SANS 20186-2 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.	2024-02-19
SANS 20186-3 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.	2024-02-19
SATS 60079-32-1 Ed 1	<i>Explosive atmospheres – Part 32-1: Electrostatics hazards, guidance.</i> Gives guidance about the equipment, product and process properties necessary to avoid ignition and electrostatic shock hazards arising from static electricity as well as the operational requirements needed to ensure safe use of the equipment, product process.	2024-02-08
SANS 4307 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.	2024-02-19
SANS 2087 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.	2024-02-19

SANS 61968-100 Ed 1	<i>Application integration at electric utilities – System interfaces for distribution management – Part 100: IEC implementation profiles for application integration.</i> Defines how messages may be exchanged between cooperating systems in order to facilitate the transfer of application-specific data.	2024-02-19
SANS 62056-7-5 Ed 1	<i>Electricity metering data exchange – The DLMS/COSEM suite – Part 7-5: Local data transmission profiles for Local Networks (LN).</i> Specifies DLMS/COSEM communication profiles for transmitting metering data modelled by COSEM interface objects through a Local Data Transmission Interface (LDTI).	2024-02-19
SANS 62056-8-8 Ed 1	<i>Electricity metering data exchange – The DLMS/COSEM suite – Part 8-8: Communication profile for ISO/IEC 14908 series networks.</i> Describes how the DLMS/COSEM Application layer and the COSEM object model as specified in IEC 62056.5.3:2017, IEC 62056.6.1:2017 and IEC 62056.6.2:2017 can be used over the lower layers specified in the IEC 14908 series, forming a DLMS/COSEM ISO/IEC 14908 communication profile.	2024-02-19

### 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 896 Ed 2.3	<i>Soiled linen carriers.</i>	Amended to delete the appendix on notes to purchasers.	2024-02-15
SANS 865 Ed 2.5	<i>Ambulance stretchers.</i>	Amended to delete the appendix on notes to purchasers.	2024-01-30
SANS 1808-31 Ed 1.4	<i>Water supply and distribution system components – Part 31: Automatic control valves.</i>	Amended to delete the annex on notes to purchasers.	2024-02-08
SANS 1808-32 Ed 1.4	<i>Water supply and distribution system components – Part 32: Float valves (equilibrium type).</i>	Amended to delete the annex on notes to purchasers.	2024-02-08
SANS 895 Ed 2.2	<i>Gas cylinder trolleys.</i>	Amended to update the subclause on finish, and to delete the appendix on notes to purchasers.	2024-02-15
SANS 1173 Ed 3.1	<i>Conveyor belting – General purpose textile-reinforced construction.</i>	Amended to delete the annex on notes to purchasers.	2024-02-08
SANS 1884-2 Ed 1.1	<i>Holding pens for temporary housing of animals – Part 2: Vehicles for the transportation of wild herbivores by road to holding pens and other facilities.</i>	Amended to update referenced standards, and the definitions.	2024-02-19

**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

**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 15118-20:2023 Ed 1	<i>Road vehicles – Vehicle to grid communication interface – Part 20: 2nd generation network layer and application layer requirements.</i> Specifies the communication between the electric vehicle (EV), including battery electric vehicle (BEV) and plug-in hybrid electric vehicle (PHEV), and the electric vehicle supply equipment (EVSE).
SANS 60652:2023 Ed 1	<i>Overhead line structures – Loading tests.</i> Specifies the methods and procedures of testing supports for overhead lines.
SANS 60773:2023 Ed 1	<i>Rotating electrical machines – Test methods and apparatus for the measurement of the operational characteristics of brushes.</i> Applies to test methods for the measurement of the operational characteristics of brushes designed to operate on commutating and slip ring machines under specified test conditions.
SANS 62208:2023 Ed 3	<i>Empty enclosures for low-voltage switchgear and controlgear assemblies – General requirements.</i> Applies to empty enclosures, as provided by the enclosure manufacturer, prior to the incorporation of switchgear and controlgear components by the assembly manufacturer.
SANS 62885-9:2023 Ed 1	<i>Surface cleaning appliances – Part 9: Floor treatment machines with or without traction drive, for commercial use – Methods for measuring the performance.</i> Lists the characteristic performance parameters for walk behind and ride-on floor scrubbers and sweepers and other floor cleaning machines in accordance with IEC 60335-2-72:2016 (published in South Africa as an identical adoption under the designation SANS 60335-2-72:2017).
SANS 20134:2023 Ed 1	<i>Uniform provisions concerning the approval of motor vehicles and their components with regard to the safety-related performance of hydrogen fuelled vehicles (HFCV).</i> Applies to compressed hydrogen storage systems for hydrogen-fuelled vehicles on their safety-related performance.
SANS 2340:2023 Ed 1	<i>Sclerocarya birrea caffra (Marula) seed oil.</i> Applies to Sclerocarya birrea caffra (marula) seed oil suitable for cosmetic use.
SANS 20166-1:2023 Ed 1	<i>Molecular in vitro diagnostic examinations – Specifications for pre-examination processes for formalin fixed and paraffin-embedded (FFPE) tissue – Part 1: Isolated RNA.</i> Gives guidelines on the handling, documentation, storage and processing of formalin fixed and paraffin-embedded (FFPE) tissue specimens intended for RNA examination during the pre-examination phase before a molecular assay is prepared.

Standard No. and year	Title, scope and purport
SANS 20166-3:2023 Ed 1	<i>Molecular in vitro diagnostic examinations – Specifications for pre-examination processes for formalin-fixed and paraffin-embedded (FFPE) tissue – Part 3: Isolated DNA.</i> Gives guidelines on the handling, documentation, storage and processing of formalin-fixed and paraffin-embedded (FFPE) tissue specimens intended for DNA examination during the pre-examination phase before a molecular assay is performed.
SANS 20184-1:2023 Ed 1	<i>Molecular in vitro diagnostic examinations – Specifications for pre-examination processes for frozen tissue – Part 1: Isolated RNA.</i> Gives guidelines on the handling, documentation, storage and processing of frozen tissue specimens intended for RNA examination during the pre-examination phase before a molecular assay is performed.
SANS 20184-2:2023 Ed 1	<i>Molecular in vitro diagnostic examinations – Specifications for pre-examination processes for frozen tissue – Part 2: Isolated proteins.</i> Gives guidelines on the handling, documentation, storage and processing of frozen tissue specimens intended for the examination of isolated proteins during the pre-examination phase before a molecular assay is performed.
SANS 23162:2023 Ed 1	<i>Basic semen examination – Specification and test methods.</i> Specifies the minimum requirements for equipment and critical aspects of the test methods for best practice in laboratories performing basic examination of human semen collected by ejaculation.
SATS 20914:2023 Ed 1	<i>Medical laboratories – Practical guide for the estimation of measurement uncertainty.</i> Provides practical guidance for the estimation and expression of the measurement uncertainty (MU) of quantitative measurand values produced by medical laboratories.
SATS 22583:2023 Ed 1	<i>Guidance for supervisors and operators of point-of care testing (POCT) devices.</i> Gives guidance for supervisors and operators of point-of-care testing (POCT) services where POCT is performed without medical laboratory training, supervision or support.
SANS 10191:2023 Ed 3	<i>Acoustics – Determination of sound power levels of noise sources – Guidelines for the use of basic standards.</i> Gives guidance for the use of a set of twelve basic International Standards describing various methods for determining sound power levels from all types of machinery, equipment and products.
SANS 10196:2023 Ed 3	<i>Acoustics – Determination of sound power levels of noise sources using sound pressure – Precision methods for anechoic and hemi-anechoic rooms.</i> Specifies methods for measuring the sound pressure levels on a measurement surface enveloping a noise source (machinery or equipment) in an anechoic room or a hemi-anechoic room.
SANS 60034-18-32:2023 Ed 3	<i>Rotating electrical machines – Part 18-32: Functional evaluation of insulation systems (Type II) – Electrical endurance qualification procedures for form-wound windings.</i> Describes qualification procedures for the evaluation of electrical endurance of insulation systems for use in rotating electrical machines using form-wound windings energized with sinusoidal power frequency voltage.
SANS 60086-1:2023 Ed 7	<i>Primary batteries – Part 1: General.</i> Intended to standardise primary batteries with respect to dimensions, nomenclature, terminal configurations, markings, test methods, typical performance, safety and environmental aspects.
SANS 60086-2:2023 Ed 8	<i>Primary batteries – Part 2: Physical and electrical specifications.</i> Applies to primary batteries which are based on standardised electrochemical systems.
SANS 60086-4:2023 Ed 5	<i>Primary batteries – Part 4: Safety of lithium batteries.</i> Specifies tests and requirements for primary lithium batteries to ensure their safe operation under intended use and reasonably foreseeable misuse.
SANS 60079-30-1:2023 Ed 2	<i>Explosive atmospheres – Part 30-1: Electrical resistance trace heating – General and testing requirements.</i> Specifies general and testing requirements for electrical resistance trace heaters for application in explosive atmospheres with the exclusion of those for EPL Ga and Da.
SANS 60079-30-2:2023 Ed 2	<i>Explosive atmospheres – Part 30-2: Electrical resistance trace heating – Application guide for design, installation and maintenance.</i> Provides guidance for the application of electrical resistance trace heating systems in areas where explosive atmospheres may be present, with the exclusion of those classified as requiring EPL Ga/Da (traditional relationship to Zone 0 and Zone 20 respectively).

Standard No. and year	Title, scope and purport
SANS 18033-1:2023 Ed 3	<i>Information security – Encryption algorithms – Part 1: General.</i> Provides definitions that apply in subsequent parts of the ISO/IEC 18033 series.
SANS 27005:2023 Ed 4	<i>Information security, cybersecurity and privacy protection – Guidance on managing information security risks.</i> Provides guidance to assist organizations to fulfil the requirements of ISO/IEC 27001 (published in South Africa as an identical adoption under the designation SANS 27001) concerning actions to address information security risks; perform information security risk management activities, specifically information security risk assessment and treatment.
SANS 33020:2023 Ed 2	<i>Information technology – Process assessment – Process measurement framework for assessment of process capability.</i> Defines a process measurement framework that supports the assessment of process capability, in accordance with the requirements of ISO/IEC 33003 (published in South Africa as an identical adoption under the designation SANS 33003).

## 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 1213:2023 Ed 3.1	<i>Mechanical cable glands. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, definitions, and to delete the annex on notes to purchasers.
SANS 1418-2:2023 Ed 1.8	<i>Aerial bundled conductor systems – Part 2: Assembled insulated conductor bundles. Consolidated edition incorporating amendment No. 8.</i> Amended to delete the appendix on notes to purchasers, and to delete a note on configuration of bundles.
SANS 1713:2023 Ed 1.5	<i>Electric cables – Medium-voltage aerial bundled conductors for voltages from 3,8/6,6 kV to 19/33 kV. Consolidated edition incorporating amendment No. 5.</i> Amended to update referenced standards, definitions, and to delete the annex on notes to purchasers.
SANS 2220-2-6:2023 Ed 1.3	<i>Electrical security systems – Part 2-6: Access control systems – Access cards. Consolidated edition incorporating amendment No. 3.</i> Amended to update referenced standards.
SANS 10222-5-1-1:2023 Ed 1.2	<i>Electrical security installations – Part 5-1-1: CCTV installations – CCTV surveillance systems for use in security applications – Operational requirements. Consolidated edition incorporating amendment No. 2.</i> Amended to update the clause on determining the design and specification, and to delete the clause on tender based on operational requirements.
SANS 10222-5-1-2:2023 Ed 1.2	<i>Electrical security installations – Part 5-1-2: CCTV installations – CCTV surveillance systems for use in security applications – System design requirements. Consolidated edition incorporating amendment No. 2.</i> Amended to update the clauses on equipment overview and on power supply considerations, and to delete the clause on enquiry documentation.
SANS 10222-5-1-3:2023 Ed 1.2	<i>Electrical security installations – Part 5-1-3: CCTV installations – CCTV surveillance systems for use in security applications – Installation, planning and implementation requirements. Consolidated edition incorporating amendment No. 2.</i> Amended to update the sub-clause on typical surge protection devices.
SANS 10222-5-1-4:2023 Ed 1.2	<i>Electrical security installations – Part 5-1-4: CCTV installations – CCTV surveillance systems for use in security applications – Testing, commissioning and hand-over requirements. Consolidated edition incorporating amendment No. 2.</i> Amended to update the sub-clause on quality standards, and to replace "tender" with "purchase".
SANS 10222-5-2:2023 Ed 1.3	<i>Electrical security installations – Part 5-2: CCTV installations – Application guidelines. Consolidated edition incorporating amendment No. 3.</i> Amended to update referenced standards.
SANS 62620:2023 Ed 1.1	<i>Secondary cells and batteries containing alkaline or other non-acid electrolytes – Secondary lithium cells and batteries for use in industrial applications. Consolidated edition incorporating amendment No. 1.</i> Amended to correct the cell and battery designations, and to change the rate discharge type limits.
SANS 1107:2023 Ed 1.2	<i>Disposable portable condensed aerosol fire extinguishers. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards, and to delete the annex on notes to purchasers.
SANS 1575:2023 Ed 1.2	<i>Burnt clay paving units. Consolidated edition incorporating amendment No. 2.</i> Amended to delete the annex on notes to purchasers.
SANS 431:2023 Ed 2.2	<i>Liners and fluting for corrugated board. Consolidated edition incorporating amendment No. 2.</i> Amended to add the clause on sampling, update referenced standards, delete appendix on notes to purchasers, to update the annex on quality verification of liners and fluting, and to add the bibliography.
SANS 432:2023 Ed 3.3	<i>Indelible marking ink for textile fabrics. Consolidated edition incorporating amendment No. 3.</i> Amended to delete the annex on notes to purchasers, and to modify the clause on sampling and compliance with the standard.
SANS 822:2023 Ed 2.1	<i>Paper sizes and specific end-uses. Consolidated edition incorporating amendment No. 1.</i> Amended to correct the title of the standard, to delete the footnote on the A series and to update referenced standards.
SANS 943:2023 Ed 2.4	<i>Man-made fibre ropes. Consolidated edition incorporating amendment No. 4.</i> Amended to delete the appendix on notes to purchasers.
SANS 1228:2023 Ed 2.3	<i>Abrasion-resistant polymeric gloves: Lined type. Consolidated edition incorporating amendment No. 3.</i> Amended to update referenced standards, the clause on sampling and inspection, the annex on ongoing quality verification of abrasion-resistant polymeric gloves of the lined type, and to delete the annex on notes to purchasers.



SANS 1423-2:2023 Ed 1.4	<i>Performance requirements for textile fabrics of low flammability – Part 2: Curtain and drape fabrics. Consolidated edition incorporating amendment No. 4.</i> Amended to delete the appendix on notes to purchasers, and to update the appendix on quality verification of low flammable curtain and drape fabrics.
SANS 1794-1:2023 Ed 1.1	<i>Personal protective clothing for hazardous industrial environment (Heat and flame). Consolidated edition incorporating amendment No. 1.</i> Amended to delete the annex on notes to purchasers.
SANS 1860:2023 Ed 1.2	<i>Wool packs for unprocessed wool. Consolidated edition incorporating amendment No. 2.</i> Amended to delete a trade name, and the annex on notes to purchasers.

### 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
SATS 61439-7:2014 Ed 1	<i>Low-voltage switchgear and controlgear assemblies – Part 7: Assemblies for specific applications such as marinas, camping sites, market squares, electric vehicles charging stations.</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.