

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 2183 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
SATR 22428-1 Ed 1	<i>Managing records in cloud computing environments - Part 1: Issues and concerns.</i> Presents a model for cloud records management and outlines the risks and issues that are considered by records managers before adopting cloud services for records management.	2023-12-21
SANS 62264-3 Ed 2	<i>Enterprise-control system integration - Part 3: Activity models of manufacturing operations management.</i> This part of IEC 62264 defines activity models of manufacturing operations management that enable enterprise system to control system integration. The activities defined in this document are consistent with the object models definitions given in IEC 62264-1. The modelled activities operate between business planning and logistics functions, defined as the Level 4 functions and the process control functions, defined as the Level 2 functions of IEC 62264-1.	2023-12-21
SANS 17664-1 Ed 1	<i>Processing of health care products - Information to be provided by the medical device manufacturer for the processing of medical devices- Part 1: Critical and semi-critical medical devices.</i> Specifies requirements for the information to be provided by the medical device manufacturer for the processing of critical or semi-critical medical devices or medical devices that are intended to be sterilized.	2023-11-18
SANS 60086-3 Ed 3	<i>Primary batteries Part 3: Watch batteries.</i> Specifies dimensions, designation, methods of tests and requirements for primary batteries for watches. In several cases, a menu of test methods is given. When presenting battery electrical characteristics and/or performance data, the manufacturer specifies which test method was used.	2023-11-25
SANS 18033-4 Ed 2	<i>Information technology - Security techniques - Encryption algorithms Part 4: Stream ciphers.</i> Specifies output functions to combine a keystream with plaintext, keystream generators for producing keystream, and object identifiers assigned to dedicated keystream generators.	2023-11-30

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 235 Ed 3.5	<i>General purpose pure soap.</i>	Amended to delete the annex on notes to purchasers.	2023-12-24
SANS 1865 Ed 1.3	<i>Point-of-use drinking water treatment units.</i>	Amended to update the scope, to update referenced standards and to delete the annex on notes to purchasers.	2023-12-18
SANS 164-2-2 Ed 1.2	<i>Plug and socket-outlet systems for household and similar purposes for use in South Africa Part 2-2: Two-pole and earth, 16 A 250 V a.c. fully dedicated system.</i>	Amended to modify the requirements for marking.	2023-12-20

SANS 164-2-1 Ed 1.2	<i>Plug and socket-outlet systems for household and similar purposes for use in South Africa - Part 2-1: Two-pole and earth, 16 A 250 V a.c. partially dedicated system</i>	Amended to modify the requirements for marking.	2023-12-20
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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 61215-1-3:2023 Ed 1	<i>Terrestrial photovoltaic (PV) modules - Design qualification and type approval -Part 1-3: Special requirements for testing of thin-film amorphous silicon based photovoltaic (PV) modules.</i> Lays down requirements for the design qualification of terrestrial photovoltaic modules suitable for long-term operation in open-air climates.
SANS 61215-1-4:2023 Ed 1	<i>Terrestrial photovoltaic (PV) modules - Design qualification and type approval - Part 1-4: Special requirements for testing of thin-film Cu(In,Ga)(S,Se)₂ based photovoltaic (PV) modules.</i> Lays down requirements for the design qualification of terrestrial photovoltaic modules suitable for long-term operation in open-air climates.
SANS 500:2023 Ed 2	<i>Inspection, examination and testing of manually operated chain blocks and chain lever hoists currently in use.</i> Specifies the requirements for the periodic inspection, examination and testing of manually operated chain blocks and manually operated chain lever hoists currently in use.
SANS 4427-1:2023 Ed 2	<i>Plastics piping systems for water supply and for drainage and sewerage under pressure - Polyethylene (PE) - Part 1: General.</i> Specifies the general aspects of polyethylene (PE) piping systems (mains and service pipes) intended for the conveyance of water for human consumption, including raw water prior to treatment and water for general purposes.
SANS 4427-2:2023 Ed 2	<i>Plastics piping systems for water supply, and for drainage and sewerage under pressure - Polyethylene (PE) - Part 2: Pipes.</i> Specifies the pipes made from polyethylene (PE) intended for the conveyance of water for human consumption, including raw water prior to treatment and water for general purposes.
SANS 4427-3:2023 Ed 2	<i>Plastics piping systems for water supply, and for drainage and sewerage under pressure - Polyethylene (PE) - Part 3: Fittings.</i> Specifies the general aspects of fittings made from polyethylene (PE) for piping systems intended for the conveyance of water for human consumption, including raw water prior to treatment and water for general purposes.

Standard No. and year	Title, scope and purport
SANS 4427-5:2023 Ed 2	<i>Plastics piping systems for water supply, and for drainage and sewerage under pressure - Polyethylene (PE) - Part 5: Fitness for purpose of the system.</i> Specifies the characteristics of the fitness for purpose of assembled piping systems made from polyethylene (PE) intended for the conveyance of water for human consumption, including raw water prior to treatment and water for general purposes.
SANS 60034-9:2023 Ed 4	<i>Rotating electrical machines Part 9: Noise limits.</i> Specifies test methods for the determination of sound power level of rotating electrical machines.
SANS 60072-1:2023 Ed 2	<i>Rotating electrical machines - Dimensions and output series - Part 1: Frame numbers 56 to 400 and flange numbers 55 to 1080.</i> Applies to the majority of rotating electrical machines for industrial purposes within the dimension range and output powers:Foot-mounted: shaft heights: 56 mm to 400 mm. Flange-mounted: pitch circle diameter of flange: 55 mm to 1 080 mm.
SANS 60331-3:2023 Ed 2	<i>Tests for electric cables under fire conditions - Circuit integrity Part 3: Test method for fire with shock at a temperature of at least 830 °C for cables of rated voltage up to and including 0,6/1,0 kV tested in a metal enclosure.</i> Specifies the test apparatus and procedure and gives the performance requirements, including recommended flame application times, for low-voltage power cables of rated voltage up to and including 0,6/1,0 kV, and control cables with a rated voltage which are required to maintain circuit integrity when tested in a metal enclosure and when subject to fire and mechanical shock under specified conditions.
SANS 60095-1:2023 Ed 4	<i>Lead-acid starter batteries Part 1: General requirements and methods of test.</i> Applies to lead-acid batteries with a nominal voltage of 12 V, used primarily as a power source for the starting of internal combustion engines, lighting, and for auxiliary equipment of internal combustion engine vehicles.
SANS 60034-1:2023 Ed 6	<i>Rotating electrical machines - Part 1: Rating and performance.</i> Applicable to all rotating electrical machines, except rotating electrical machines for rail and road vehicles, which are covered by the IEC 60349 series of standards.
SANS 3743-2:2023 Ed 2	<i>Acoustics - Determination of sound power levels of noise sources using sound pressure - Engineering methods for small, movable sources in reverberant fields Part 2: Methods for special reverberation test rooms.</i> Specifies a relatively simple engineering method for determining the sound power levels of small, movable noise sources.

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 950:2023 Ed 3.2	<i>Non-metallic conduit fittings for use in electrical installations. Consolidated edition incorporating amendment No. 2.</i> Amended to update the requirements on construction.
SANS 1352:2023 Ed 1.1	<i>The installation, maintenance, replacement and repair of domestic air source water heating heat pump systems. Consolidated edition incorporating amendment No. 1.</i> Amended to delete a trade name, to update referenced standards, to move reference to a national department to the foreword, to delete the reference to the certificate of compliance, and to move reference to the relevant national authority to the foreword.
SANS 1423-5:2023 Ed 1.2	<i>Performance requirements for textile fabrics of low flammability Part 5: Fabrics for use in movable office partitions. Consolidated edition incorporating amendment No. 2.</i> Amended to delete the annex on notes to purchasers.
SANS 1601:2023 Ed 2.4	<i>Structured wall pipes and fittings of unplasticized poly(vinyl chloride) (PVC-U) for buried drainage and sewerage systems. Consolidated edition incorporating amendment No. 4.</i> Amended to update the apparatus on the clause on determination of dimension, to delete reference to by-laws, and the annex on notes to purchasers.
SANS 1732:2023 Ed 1.1	<i>Greywater Reuse Systems - General Requirements. Consolidated edition incorporating amendment No. 1.</i> Amended to delete a tradename, and the reference to the certificate of compliance.
SANS 10083:2023 Ed 6.1	<i>The measurement and assessment of occupational noise for hearing conservation purposes.</i> Amended to update referenced standards, and the definitions, to replace "certificate of compliance" with "calibration certificate", and to update the sub-clause on test environment, and a cross-reference.
SANS 18033-2:2007 Ed 1	<i>Information technology - Security techniques - Encryption algorithms Part 2: Asymmetric ciphers.</i> Amended to reflect the changes to the introduction, scope, to update the clauses on generic hybrid ciphers, ElGamal-based key encapsulation mechanisms, the annexes on ASN.1 syntax for object identifiers, on security considerations, and on test vectors, and the bibliographic references.
SANS 555-3:2023 Ed 1.1	<i>Fluids for electrotechnical applications Part 3: Recycled inhibited mineral insulating oils for transformers and switchgear. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, the clauses on requirements and on properties and methods of tests, to delete the annex on notes to purchasers, and to update the annex on potentially corrosive sulfur.

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 12200:1999 Ed 1	<i>Computer applications in terminology - Machine-readable terminology interchange format (MARTIF) - Negotiated interchange.</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>

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.