

## DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

## NOTICE 379 OF 2020

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
SABS NATIONAL NORM Ed 1	<i>National Norm for the development of South African National Standards.</i>	2020-08-25
SANS 15289 Ed 2	<i>Systems and software engineering - Content of life-cycle information items (documentation).</i> Specifies the purpose and content of all identified systems and software life-cycle and service management information items (documentation).	2020-08-25
SANS 50887 Ed 2	<i>Chemicals used for treatment of water intended for human consumption - Aluminium iron (III) sulfate.</i> Applies to aluminium iron (III) sulfate used for treatment of water intended for human consumption. It describes the characteristics of aluminium iron (III) sulfate and specifies the requirements for aluminium iron (iii) sulfate and refers to the corresponding analytical methods. It gives information on its use in water treatment.	2020-08-24
SANS 50898 Ed 2	<i>Chemicals used for treatment of water intended for human consumption - Sodium hydrogen carbonate.</i> Applies to sodium hydrogen carbonate used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements and the corresponding test methods for sodium hydrogen carbonate. It gives information on its use in water treatment.	2020-08-24
SANS 15289 Ed 2	<i>Systems and software engineering - Content of life-cycle information items (documentation).</i> Specifies the purpose and content of all identified systems and software life-cycle and service management information items (documentation).	2020-08-25
SANS 21840 Ed 1	<i>Systems and software engineering - Guidelines for the utilization of ISO/IEC/IEEE 15288 in the context of system of systems (SoS)</i> Systems and software engineering - System of systems (SoS) considerations in life cycle stages of a system. Provides guidance on the application of processes in ISO/IEC/IEEE 15288 to systems of systems (SoS).	2020-08-11
SANS 22718 Ed 2	<i>Cosmetics - Microbiology - Detection of Staphylococcus aureus.</i> This standard gives general guidelines for the detection and identification of the specified microorganism Staphylococcus aureus in cosmetic products. Microorganisms considered as specified in this standard might differ from country to country according to practices or regulations. It is advisable to perform an appropriate microbiological risk analysis to determine the types of cosmetic product to which this standard is applicable to ensure product quality and safety for consumers. Products considered to present a low microbiological risk include those with low water activity, hydro-alcoholic products, extreme pH values, etc.	2020-08-21
SANS 10497 Ed 1	<i>Testing of valves - Fire type-testing requirements.</i> This international standard specifies fire type-testing requirements and a fire type-test method for confirming the pressure containing capability of a valve under pressure during and after the fire test.	2020-07-26
SANS 23-3 Ed 1	<i>Steel wire and wire products for fencing and netting - Part 3: Hexagonal steel wire mesh products for civil engineering purposes.</i> Describes requirements for the dimensions, coatings, test methodology and delivery conditions of steel wire mesh products having meshes of hexagonal shape specified for engineering purposes.	2020-08-03

SANS 60893-3-4 Ed 1	<i>Insulating materials - Industrial rigid laminated sheets based on thermo setting resins for electrical purposes -Part 3-4: Specifications for individual materials - Requirements for rigid laminated sheets based on phenolic resins.</i> This part of IEC 60893 gives the requirements for industrial rigid laminated sheets for electrical purposes based on phenolic resin and different reinforcements.	2020-08-30
SANS 50352-3 Ed 2	<i>Hearing protectors - Safety requirements and testing Part 3: Ear-muffs attached to an industrial safety helmet.</i> Specifies requirements for construction, design, performance, marking and user information for ear-muffs fitted to an industrial helmet which complies with EN 397.	2020-08-30
SANS 50352-1 Ed 2	<i>Hearing protectors - General requirements and testing Part 1: Ear-muffs.</i> This part of the standard specifies requirements for the construction, design, performance, marking, and user information for ear-muffs.	2020-08-30
SATR 60076-26 Ed 1	<i>Power transformers -Part 26: Functional requirements of insulating liquids for use in power transformers.</i> In this document, the functional requirements of insulating liquids that are considered necessary for use in power transformers, including, for example, reactors and HVDC transformers, are assembled and listed.	2020-08-30

### 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 514 Ed 3.6	<i>Immersion heaters for electric storage water heaters.</i>	Amended to add the term a.c. to the scope, and to modify a requirement in the clause on marking.	2020-08-13
SANS 368 Ed 1.3	<i>Aloe raw material.</i>	Amended to delete the annex on notes to purchasers.	2020-08-03
SANS 151 Ed 8.2	<i>Fixed electric storage water heaters.</i>	Amended to update referenced standards, definitions and to renumber them accordingly, delete the test for cathodic protection, the tables on capacities of water containers, and maximum permissible standing loss, to update the subclause on standing loss test, delete the annex on notes to purchaser, and update the annex on materials, construction methods and tests for hot water storage containers	2020-08-02
SANS 122 Ed 1.4	<i>Pressure-sensitive adhesive tapes for electrical purposes (Metric units).</i>	Amended to delete annex on notes to purchasers and the term acceptable.	2020-08-25
SANS 890-2 Ed 3.3	<i>Ballasts for fluorescent lamps Part 2: Ballasts for lamps for operation without starters (class B lamps).</i>	Amended to delete the notes to purchasers.	2020-8-11
SANS 60317-0-1 Ed 4.1	<i>Specifications for particular types of winding wires Part 0-1: General requirements - Enamelled round copper wire.</i>	Amended to update the contents, the normative references, Terms, definitions, general notes and appearance, Dimensions, and annex B.	2020-06-29
SANS 61800-5-1 Ed 2.1	<i>Adjustable speed electrical power drive systems Part 5-1: Safety requirements - Electrical, thermal and energy.</i>	Amended to add figures for short circuit test and the table for the maximum tripping time for electronic motor overload protection, to add of overvoltage categories and the distinction between the touch current and conductor current.	2020-08-25
SANS 61400-11 Ed 1.1	<i>Wind turbines - Part 11: Acoustic noise measurement techniques.</i>	Amended to addresses the situation where a measurement consists of measurements series on different days or with substantially different conditions and to introduce clarifications on tonality analysis and reporting.	2020-07-21

SANS 780 Ed 5.1	<i>Distribution transformers.</i>	Amended to update referenced standards, requirements for load loss and temperature rise, tap changers, construction requirements, tank cover, cable connection boxes, protection against corrosion, insulating materials and method of cooling.	2020-08-30
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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
SANS 22004 Ed 2	Food safety management systems - Guidance on the application of ISO 22000:2005.	The standard is obsolete	2020-07-20

## 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

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 90003:2020 Ed 2	<i>Software engineering - Guidelines for the application of ISO 9001:2015 to computer software.</i> Provides guidance for organizations in the application of ISO 9001:2015 (published in South Africa as an identical adoption under the designation SANS 9001) to the acquisition, supply, development, operation and maintenance of computer software and related support services.
SANS 579:2020 Ed 2	<i>Coke - Determination of total moisture.</i> Specifies a method for determining the total moisture of coke.
SANS 942:2020 Ed 3	<i>School shoes with direct injection-moulded soles and heels.</i> Covers three types of school shoes made according to the direct injection-moulded principle.
SANS 60335-2-107:2020 Ed 2	<i>Household and similar electrical appliances Safety - Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers.</i> Specifies safety requirements and their verification for the design and construction of robotic battery powered electrical rotary lawnmowers and their peripherals with the rated voltage of the battery being not more than 75 V d.c.
SATS 60034-30-2:2020 Ed 1	<i>Rotating electrical machines - Part 30-2: Efficiency classes of variable speed AC motors (IE-code).</i> Specifies efficiency classes for variable speed rotating electric machines not covered in IEC 60034-30-1.
SATS 19157-2:2020 Ed 1	<i>Geographic information - Data quality - Part 2: XML schema implementation.</i> Defines data quality encoding in XML.

**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 60851-2:2020 Ed 2.2	<i>Winding wires - Test methods Part 2: Determination of dimensions. Consolidated edition incorporating amendment No.2.</i> Amended to add the subclause on increase in dimensions due to the bonding layer of enamelled rectangular wire.

**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

**SCHEDULE B.4: REINSTATEMENT OF WITHDRAWN STANDARD**

In terms of section 4(2) (1) the South African Bureau of Standards has established the following technical committees:

Draft Standard No. and Edition	Title	Scope of amendment	Reason

**SCHEDULE B.5: ESTABLISHMENT OF TECHNICAL COMMITTEES**

In terms of section 4(2) (1) the South African Bureau of Standards has established the following technical committees:

Technical 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 5: 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.