

## DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

## NOTICE 851 OF 2022

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 23531 Ed 1	<i>Systems and software engineering – Capabilities of issue management tools.</i> Defines the capabilities of issue management tools and is used to select the most appropriate one from many issue management tools, evaluation and selection of the issue management tools is performed in accordance with ISO/IEC 20741 which defines the general evaluation selection process and evaluation characteristics.	2022-03-25
SANS 61558-1 Ed 3	<i>Safety of power transformers, power supplies, reactors and similar products – Part 1: General requirements and tests.</i> Deals with safety aspects of transformers, reactors, power supply units and combinations thereof such as electrical, thermal and mechanical safety.	2022-03-24
SATS 33054 Ed 1	<i>Information technology – Process assessment – Process reference model for service management.</i> Defines a process reference model for the domain of service management and specifies a process architecture for the domain and comprises a set of processes.	2022-02-24
SANS 23026 Ed 2	<i>Systems and software engineering – Engineering and management of websites for systems, software, and services information.</i> Defines system engineering and management requirements for the life cycle of websites, including strategy, design, engineering, testing and validation, and management and sustainment for Intranet and Extranet environments.	2022-02-24
SATS 62257-6 Ed 1	<i>Recommendations for renewable energy and hybrid systems for rural electrification – Part 6: Acceptance, operation, maintenance and replacement.</i> Describes the various rules to be applied for acceptance, operation, maintenance and replacement (AOMR) of decentralized rural electrification systems (DRES) which are designed to supply electric power for sites which are not connected to a large interconnected system, or a national grid, in order to meet basic needs.	2022-02-31
SANS 19160-3 Ed 1	<i>Addressing – Part 3: Address data quality.</i> Establishes a set of data quality elements and measures for describing the quality of address data.	2022-04-04
SANS 50890 Ed 2	<i>Chemicals used for treatment of water intended for human consumption – Iron (III) sulfate liquid.</i> Applies to iron (III) sulfate liquid of various iron and/or acid contents used for treatment of water intended for human consumption and describes the characteristics of iron (III) sulfate liquid and specifies the requirements and the corresponding analytical methods for iron (III) sulfate liquid and gives information on its use in water treatment.	2022-04-04
SANS 51407 Ed 2	<i>Chemicals used for treatment of water intended for human consumption – Anionic and non-ionic polyacrylamides.</i> Applies to anionic and non-ionic polyacrylamides used for treatment of water intended for human consumption.	2022-04-04
SANS 51410 Ed 2	<i>Chemicals used for treatment of water intended for human consumption – Cationic polyacrylamides.</i> Applies to cationic polyacrylamides used for treatment of water intended for human consumption and describes the characteristics of cationic polyacrylamides and specifies the requirements and corresponding test methods for cationic polyacrylamides.	2022-04-04

SANS 7393-2 Ed 2	<i>Water quality – Determination of free chlorine and total chlorine – Part 2: Colorimetric method using N,N-diethyl 1,4-phenylenediamine, for routine control purposes.</i> Specifies a method for the determination of free chlorine and total chlorine in water, readily applicable to field testing; based on measurement of the colour intensity by visual comparison of the colour with a scale of standards which is regularly calibrated.	2022-04-04
SANS 62056-5-3 Ed 2	<i>Electricity metering data exchange – The DLMS/COSEM suite – Part 5-3: DLMS/COSEM application layer.</i> Specifies the DLMS/COSEM application layer in terms of structure, services and protocols for COSEM clients and servers, and defines how to use the DLMS/COSEM application layer in various communication profiles.	2022-04-04
SANS 62056-6-2 Ed 2	<i>Electricity metering data exchange – The DLMS/COSEM suite – Part 6-2: COSEM interface classes.</i> Specifies a model of a meter as it is seen through its communication interface(s).	2022-04-04
SANS 62056-6-1 Ed 2	<i>Electricity metering data exchange – The DLMS/COSEM suite – Part 6-1: Object Identification System (OBIS).</i> Specifies the overall structure of the Object Identification System (OBIS) and the mapping of all commonly used data items in metering equipment to their identification codes.	2022-04-04
SANS 50071-7 Ed 2	<i>Safety of toys – Part 7: Finger paints – Requirements and test methods.</i> Specifies requirements for the substances and materials used in finger paints and applies to finger paints only. Additional requirements are specified for markings, labelling and containers.	2022-04-04
SANS 50071-8 Ed 2	<i>Safety of toys – Part 8: Activity toys for domestic use.</i> Specifies requirements and test methods for activity toys for domestic use often attached to or incorporating a crossbeam, and similar toys intended for children under 14 years to play on or in and often intended to bear the mass of one or more children.	2022-04-04
SATS 62257-8-1 Ed 1	<i>Recommendations for 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> Proposes simple, cheap, comparative tests in order to discriminate easily, in a panel of automotive flooded lead-acid batteries, the most acceptable model for PV individual electrification systems and is particularly useful for project implementers to test in laboratories of developing countries, the capability of locally made car or truck batteries to be used for their project(s).	2022-04-05

## 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 1579 Ed 1.3	<i>Liquid metal polish</i>	Amended to update referenced standards and the clause on inspection and methods of test.	2022-03-25
SANS 151 Ed 8.3	<i>Fixed electric storage water heaters</i>	Amended to update the scope, the clause on constructional requirements, and the annex on additional materials, construction methods and tests for hot water storage containers.	2022-03-27
SANS 10235 Ed 2.2	<i>Fibre-content labelling of textiles and textile products</i>	Amended to update test methods for quantitative fibre analysis.	2022-04-04
SANS 897 Ed 2.5	<i>Wheeled bed screens</i>	Amended to increase the height of type D screen from 1 680mm to 1 750mm and to delete Appendix B notes to purchasers.	2022-04-04
SANS 1343 Ed 3.1	<i>Insecticidal solid fumigants that contain aluminium phosphide (food storage premises)</i>	Amended to update the clause on test methods.	2022-04-04

**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 60146-6 Ed 1	<i>Semiconductor convertors – Part 6: Application guide for the protection of semiconductor convertors against overcurrent by fuses</i>	Withdrawn at IEC with no replacement.	2022-04-02

**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
SATS 62257-5:2022 Ed 1	<i>Recommendations for renewable energy and hybrid systems for rural electrification – Part 5: Protection against electrical hazards.</i> Specifies the general requirements for the protection of persons and equipment against electrical hazards to be applied in decentralised rural electrification systems.
SATS 62257-9-7:2022 Ed 1	<i>Renewable energy and hybrid systems for rural electrification – Part 9-7: Recommendations for selection of inverters.</i> Specifies the criteria for selecting and sizing inverters suitable for different off-grid applications integrating solar as an energy source.
SANS 3001-AS25:2022 Ed 1	<i>Civil engineering test methods – Part AS25: Recovery and extraction of bituminous binder from an asphalt mix.</i> Describes a method to recover and extract binder from an asphalt mix in sufficient quantity for evaluation of the recovered binder, and is applicable to bitumen-rubber asphalt and polymer modified asphalt.
SANS 1332:2022 Ed 2	<i>Accessories for medium-voltage XLPE and impregnated paper-insulated power cables (3,8/6,6 kV to 19/33 kV).</i> Covers requirements for accessories for medium-voltage cables used on a.c. systems of voltages from 3,8/6,6 kV up to and including 19/33 kV, and covers accessories for both XLPE and impregnated paper-insulated cables.
SANS 60335-2-43:2022 Ed 4	<i>Household and similar electrical appliances – Safety – Part 2-43: Particular requirements for clothes dryers and towel rails.</i> Deals with the safety of electric clothes dryers for drying textiles on racks located in a warm airflow, clothes dryers intended for drying footwear or gloves and to electric towel rails, for household and similar purposes, their rated voltage being not more than 250 V.

Standard No. and year	Title, scope and purport
SANS 10400-A:2022 Ed 4	<i>The application of the National Building Regulations – Part A: General principles and requirements.</i> Establishes general requirements for satisfying the National Building Regulations issued in terms of the National Building Regulations and Building Standards Act, 1977 (Act No. 103 of 1977) and the requirements that are deemed to satisfy the relevant parts of such Regulations.
SANS 1314:2022 Ed 2	<i>Industrial fuel oil for burner applications.</i> Specifies requirements and test methods for three categories with multiple grades of industrial fuel oils for burner use.

## 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 60335-2-42:2021 Ed 4.2	<i>Household and similar electrical appliances – Safety – Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens Consolidated edition incorporating amendment No.2.</i> Amended to update the scope, referenced standards, terms and definitions, the requirements for marking and instructions, heating, leakage current and electric strength at operating temperature, moisture resistance, leakage current and electric strength, the clause on abnormal operation, the requirements for stability and mechanical hazards, construction, supply connection and external flexible cords, screws and connections, resistance to heat and fire, radiation toxicity and similar hazards, to add the annex on guidance for the application of this standard to appliances used in tropical mines, and to add the annex on appliances to be used on board ships.
SANS 3001-GR 55:2022 Ed 1.1	<i>Civil engineering test methods – Part GR55: Determination of the wet-dry durability of compacted and cured specimens of cementitious stabilized materials by hand brushing. Consolidated edition incorporating amendment No.1.</i> Amended to update the introduction, apparatus requirements, to include water quality requirements, to update temperature in the testing procedure, the clause on test report, and referenced standards.
SANS 3001-GR56:2022 Ed 1.1	<i>Civil engineering test methods – Part GR56: Determination of the wet-dry durability of compacted and cured specimens of cementitiously stabilized materials by mechanical brushing. Consolidated edition incorporating amendment No.1.</i> Amended to update the introduction, referenced standards, requirements for apparatus, the temperature requirements in the testing procedure, and the clause on test report.
SANS 3001-NG5:2022 Ed 1.1	<i>Civil engineering test methods – Part NG5: Determination of in situ density using a nuclear density gauge Consolidated edition incorporating amendment No.1.</i> Amended to update the introduction and the clause on methods of test.
SANS 10400-D:2022 Ed 4.1	<i>The application of the National Building Regulations – Part D: Public safety. Consolidated edition incorporating amendment No.1.</i> Amended to update the subclause on change in level.
SANS 1382-1:2022 Ed 2.4	<i>Hose – Part 1: Men's and women's hose for institutional use. Consolidated edition incorporating amendment No.4.</i> Amended to delete the note on toe closure, to update referenced standards, and to delete the annex on notes to purchasers.
SANS 1887-9:2022 Ed 1.1	<i>Tissue paper – Part 9: Wrappers for citrus and deciduous fruit. Consolidated edition incorporating amendment No.1.</i> Amended to update referenced standards, to delete the annex on notes to purchasers, and to update the annex on sampling and compliance with this part of SANS 1887.
SANS 20471:2022 Ed 1	<i>High visibility clothing – Test methods and requirements. This edition contains a loose-leaf amendment.</i> Amended to update the subclause on abrasion.

**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 10398:2020 Ed 1.1	<i>Cosmetic cellulite products</i>

**SCHEDULE B4 ESTABLISHMENT OF TECHNICAL COMMITTEES**

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.