

## DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

## NOTICE 694 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
SANS 62031 Ed 2	<i>LED modules for general lighting - Safety specifications.</i> Specifies general and safety requirements for light-emitting diode (LED) modules, i.e. LED modules without integral control gear for operation under constant voltage, constant current or constant power, and self-ballasted LED modules for use on d.c. supplies up to 250 V or a.c. supplies up to 1 000 V at 50 Hz or 60 Hz.	2021-01-10
SANS 1676-5 Ed 1	<i>Acoustics - Laboratory measurement of sound insulation of building elements Part 5: Requirements for test facilities and equipment.</i> Specifies laboratory test facilities and equipment for sound insulation measurements of building elements, such as components and materials, building elements, technical elements (small building elements) and sound insulation improvement systems.	2021-01-10
SANS 29383 Ed 2	<i>Terminology policies - Development and implementation.</i> Provides policy makers in governments, administration, non-profit and profit organizations with guidelines and a methodology for the development and implementation of a comprehensive policy concerning the planning and management of terminology.	2021-01-05
SANS 3082 Ed 1	<i>Iron ores - Sampling and sample preparation procedures.</i> Provides the underlying theory, the basic principles for sampling and preparation of samples, and the basic requirements for the design, installation and operation of sampling systems for mechanical sampling, manual sampling and preparation of samples taken from a lot under transfer in order to determine the chemical composition, moisture content, size distribution and other physical and metallurgical properties of the lot using ISO 3852:2007 (Method 2).	2021-01-05
SANS 10139 Ed 4	<i>Code of practice for design, installation, commissioning and maintenance of fire detection and alarm systems in non-domestic premises.</i> Provides recommendations for the planning, design, installation, commissioning and maintenance of fire detection and fire alarm systems in and around buildings, other than dwellings.	2021-01-05
SANS 9994 Ed 4	<i>Lighters - Safety specification.</i> Establishes requirements for lighters to ensure a reasonable degree of safety for normal use or reasonable foreseeable misuse. It also applies to all-flame producing products commonly known as cigarette lighter, cigar lighters and pipe lighters. Does not apply to matches nor other flame producing products intended solely for igniting materials other than cigarette lighter, cigar lighters and pipe lighters.	20021-01-13
SANS 4701 Ed 2	<i>Iron ores and direct reduced iron - Determination of size distribution by sieving.</i> Specifies the methods to be employed for determination of size distributions by sieving of iron ore and direct reduced iron (exclude briquetted iron), utilizing sieves having aperture sizes of 36 micrometers or larger.	2021-01-05
SANS20380 Ed	<i>Public swimming pools - Computer vision systems for the detection of drowning accidents in swimming pools - Safety requirements and test methods.</i> Describes the minimum operational, performance and safety requirements and test methods for computer vision systems used to detect drowning accidents, does not apply to the systems used in domestic swimming pools and pool basins with a surface area of less than 150 m <sup>2</sup> .	20021-01-13

SANS 13934-1 Ed 2	<i>Textiles - Tensile properties of fabrics Part 1: Determination of maximum force and elongation at maximum force using the strip method.</i> Specifies a procedure to determine the maximum force and elongation at maximum force of textile fabrics using a strip method. It is mainly applicable to woven textile fabrics.	2021-01-10
SANS 105-X12 Ed 4	<i>Textiles - Tests for colour fastness Part X12: Colour fastness to rubbing.</i> Specifies a method for determining the resistance of the colour of textiles of all kinds, including textile floor coverings and other pile fabrics, to rubbing off and staining other materials. It is applicable to textiles made from all fibres in the form of yarn or fabric, including textile floor coverings, whether dyed or printed.	2021-01-12
SANS 10105-2 Ed 4	<i>The use and control of fire-fighting equipment Part 2: Fire hose reels and above-ground hydrants.</i> Covers the requirements for the installation and inspection and use of fire hose reels and hydrants.	2021-01-12
SANS 10105-1 Ed 4	<i>The use and control of fire-fighting equipment Part 1: Portable and wheeled (mobile) fire extinguishers.</i> Gives the requirements for the selection, installation, inspection and use of portable and mobile fire extinguishers.	2021-01-12
SANS 52386 Ed 2	<i>Chemicals used for treatment of water intended for human consumption - Copper sulfate.</i> Applicable to copper (II) sulfate pentahydrate used for treatment of water intended for human consumption. Describes the characteristics and specifies the requirements of copper (II) sulfate pentahydrate and refers to the corresponding analytical methods. It gives information for its use in water treatment. It also determines the rules relating to safe handling and use of copper (II) sulfate pentahydrate.	2021-01-13

### 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 60335-2-39 Ed 5.1	<i>Household and similar electrical appliances - Safety Part 2-39: Particular requirements for commercial electric multi-purpose cooking pans.</i>	Amended to update the normative reference, change the terms and definitions, marking and instructions, heating, void, screw and connection and bibliography.	2021-01-05
SANS 1209 Ed 1.2	<i>Pipe holderbats</i>	Amended to delete the appendix on "notes to purchasers".	2021-01-13
SANS 1467 Ed 1.3	<i>Narrow bandsaw blades.</i>	Amended to delete the appendix on "notes to purchasers".	2021-01-13
SANS 10368 Ed 2.1	<i>Transport of low-hazard goods in bulk - Emergency information for road vehicles.</i>	Amended to update referenced standard, the requirements for emergency instructions, and the sub-clause on general in annex A.	2021-01-10
SANS 680 Ed 3.1	<i>Glazing putty for wooden and metal window frames.</i>	Amended to update referenced standards, and to delete the annex notes to purchasers.	2021-01-10

### 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

## 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 20700:2020 Ed 1	<i>Guidance for Management Consultancy Services</i> . Provides guidelines for the effective delivery of management consultancy services.
SANS 61851-21-2:2020 Ed 1	<i>Electric vehicle conductive charging system - Part 21-2: Electric vehicle requirements for conductive connection to an AC/DC supply - EMC requirements for off-board electric vehicle charging systems</i> . Defines the EMC requirements for any off-board components or equipment of such systems used to supply or charge electric vehicles with electric power by conductive power transfer (CPT), with a rated input voltage, according to IEC 60038:2009, up to 1 000 V AC or 1 500 V DC and an output voltage up to 1 000 V AC or 1 500 V DC.
SATS 62196-3-1:2020 Ed 1	<i>Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 3-1: Vehicle connector, vehicle inlet and cable assembly for DC charging intended to be used with a thermal management system</i> . Applies to accessories and cable assemblies with the same configuration as specified in IEC 62196-3:2014 with rated operating voltage not exceeding 1 500 V DC and a rated current not exceeding 500 A.
SATS 33053:2020 Ed 1	<i>Information technology - Process assessment - Process reference model for quality management</i> . Defines a process reference model for the domain of quality management.
SANS 15489-1:2020 Ed 2	<i>Information and documentation - Records management</i> . Defines the concepts and principles from which approaches to the creation, capture and management of records are developed.
SANS 290:2020 Ed 3	<i>Mineral insulating oils - Management of polychlorinated biphenyls (PCBs)</i> . Covers requirements for the management of dielectric fluid that contains PCBs, PCB-contaminated or pure PCB material, and other material that comes into contact with PCB fluid.
SANS 52903:2020 Ed 2	<i>Products used for treatment of water intended for human consumption - Powdered activated carbon</i> . Applicable to powdered activated carbon used for treatment of water intended for human consumption.
SANS 114:2020 Ed 2	<i>Laboratory glass and plastics ware - Principles of design and construction of volumetric instruments</i> . Sets out principles for the design of volumetric instruments manufactured from glass or from plastics in order to facilitate the most reliable and convenient use to the intended degree of accuracy.
SANS 60893-3-4:2020 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> . Gives the requirements for industrial rigid laminated sheets for electrical purposes based on phenolic resin and different reinforcements.
SANS 61897:2020 Ed 1	<i>Overhead lines - Requirements and tests for Aeolian vibration dampers</i> . Applies to aeolian vibration dampers intended for single conductors or earth wires or conductor bundles where dampers are directly attached to each subconductor.
SANS 61851-21-1:2020 Ed 1	<i>Electric vehicle conductive charging system - Part 21-1: Electric vehicle on-board charger EMC requirements for conductive connection to an AC/DC supply</i> . Gives requirements for conductive connection of an electric vehicle (EV) to an AC or DC supply.
SANS 50334:2020 Ed 1	<i>Gas pressure regulators for inlet pressures up to 100 bar</i> . Specifies constructional, functional, testing, marking, sizing and documentation requirements of gas pressure regulators and applies to regulators which use the pipeline gas as a source of control energy unassisted by any external power source.
SANS 61643-341:2020 Ed 2	<i>Components for low-voltage surge protection - Part 341: Performance requirements and test circuits for thyristor surge suppressors (TSS)</i> . Specifies standard test circuits and methods for thyristor surge suppressor (TSS) components.

Standard No. and year	Title, scope and purport
SANS 50901:2020 Ed 2	<i>Chemicals used for treatment of water intended for human consumption - Sodium hypochlorite.</i> Describes the characteristics of sodium hypochlorite and specifies requirements and the corresponding test methods for sodium hypochlorite.
SANS 60282-1:2020 Ed 5	<i>High-voltage fuses Part 1: Current-limiting fuses.</i> Applies to all types of high-voltage current-limiting fuses designed for use outdoors or indoors on alternating current systems of 50 Hz and 60 Hz and of rated voltages exceeding 1 000 V.
SANS 61400-25-1:2020 Ed 5	Wind energy generation systems - Part 25-1: Communications for monitoring and control of wind power plants - Overall description of principles and models. <i>Focuses on the communications between wind power plant components such as wind turbines and actors such as SCADA systems.</i>
SANS 50902:2020 Ed 2	<i>Chemicals used for treatment of water intended for human consumption - Hydrogen peroxide.</i> Describes the characteristics of Hydrogen peroxide and specifies the requirements and the corresponding test methods for hydrogen peroxide.

## 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 62386-103:2020 Ed 4.3	<i>Digital addressable lighting interface - Part 103: General requirements-Control devices. Consolidated edition incorporating amendment No.3.</i> Amended to update definitions, and the clauses on method of operation, and on definition of commands.
SANS 60325-2-5:2020 Ed 3.1	<i>Household and similar electrical appliances - Safety Part 2-5: Particular requirements for dishwashers. Consolidated edition incorporating amendment No.1.</i> Amended to update the clauses on moisture resistance and construction, to add the figures on arrangement of work surface for spillage test on built-in dishwashers and arrangement of work surface for spillage test on built-in dishwashers in partially door opened position, and to update the annex on detergent and rinsing agent.
SANS 60947-2:2020 Ed 5.1	<i>Low-voltage switchgear and controlgear Part 2: Circuit-breakers. Consolidated edition incorporating amendment No.1.</i> Amended to update the scope, referenced standards, the clauses on product information, constructional and performance requirements and on tests, and the annexes on co-ordination between a circuit-breaker and another short-circuit protective device associated in the same circuit, on circuit-breakers incorporating residual current protection, on additional requirements for circuit-breakers intended for connection of aluminium conductors, test sequence for circuit-breakers for IT systems, electromagnetic compatibility (EMC) - Requirements and test methods for circuit-breakers, on glossary of symbols and graphical representation of characteristics, circuit-breakers not fulfilling the requirements for overcurrent protection, on modular residual current devices (without integral current breaking device), on electromagnetic compatibility (EMC) - Additional requirements and test methods for devices not covered by annex B, annex F and annex M, on instantaneous trip circuit-breakers (ICB), on DC circuit-breakers for use in photovoltaic (PV) applications, and on circuit-breakers incorporating residual current protection with automatic re-closing functions.
SANS 62386-102:2020 Ed 2.1	<i>Digital addressable lighting interface Part 102: General requirements - Control gear. Consolidated edition incorporating amendment No.1.</i> Amended to update the definitions, the clause on method of operation, and to delete figures 6-10 (fading levels) and tables 9-103 (parameters for test sequence).
SANS 122:2020 Ed 1.4	<i>Pressure-sensitive adhesive tapes for electrical purposes (Metric units). Consolidated edition incorporating amendment No.4.</i> Amended to update the scope, definitions, and the requirements for cores, and for packaging, and to delete the annex on notes to purchasers.

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**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

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.