

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NO. 1151

30 OCTOBER 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 20187 Ed 1.1	<i>Inflatable play equipment - Safety requirements and test methods.</i> Specifies safety requirements for inflatable play equipment for which the primary activities are bouncing and sliding. Sets measures to address risks and also to minimize accidents to users for those involved in the design, manufacture, and supply of inflatable play equipment.	2020-12-04
SANS 39002 Ed 1	<i>Road traffic safety - Good practices for implementing commuting safety management.</i> Provides guidelines for good practices that can be adopted by organizations for the implementation of commuting safety management. Practices are intended to reduce the number of fatalities and serious injuries, the severity of injuries, and further to minimize damage to property and economic loss due to road crashes.	2020-12-04
SANS 52485 Ed 2	<i>Chemicals used for treatment of water intended for human consumption - Calcium carbonate, high-calcium lime, half-burnt dolomite, magnesium oxide, calcium magnesium carbonate and dolomitic lime - Test methods.</i> This document specifies methods used for the chemical analyses and the determination of physical properties of calcium carbonate, high-calcium lime, half-burnt dolomite, magnesium oxide, calcium magnesium carbonate and dolomitic lime used to treat water for human consumption.	2020-12-04
SANS 50897 Ed 2	<i>Chemicals used for treatment of water intended for human consumption - Sodium carbonate.</i> Described the characteristics and specifies the requirements and the corresponding test methods for sodium carbonate. It gives information on its use in water treatment and determines the rules relating to safe handling and use.	2020-12-04
SANS 62386-221 Ed 1	<i>Digital addressable lighting interface -Part 221: Particular requirements for control gear - Demand response(device type 20).</i> Specifies the methodology of demand response which focuses on the curtailment of electric loads during peak demand times thus avoiding the requirement to find new sources of generation capacity.	2020-12-05
SANS 62442-2 Ed 2	<i>Energy performance of lamp controlgear Part 2: Controlgear for high intensity discharge lamps (excluding fluorescent lamps) - Method of measurement to determine the efficiency of the controlgear.</i> This part of IEC 62442 defines a measurement method of the power losses of electromagnetic controlgear, the total input power and the standby power of electronic controlgear for high intensity discharged lamps (excluding fluorescent lamps). A calculation method of the efficiency of controlgear for high intensity discharged lamp(s) is also defined. It is assumed that the controlgear are designed for use on DC supplies up to 1 000 V and/or AC supplies up to 1 000 V at 50 Hz or 60 Hz. This document applies to electrical controlgear-lamp circuits comprised solely of the controlgear and of the lamp(s).	2020-12-05
SANS 62386-302 Ed 1	<i>Digital addressable lighting interface -Part 302: Particular requirements - Input devices - Absolute input devices.</i> Specifies a bus system for control by digital signals of electronic lighting equipment which is in line with the requirements of IEC 61347, with the addition of DC supplies.	2020-12-05

SATR 21506 Ed 1	<i>Project, programme and portfolio management – Vocabulary.</i> This document defines terms used in the field of project, programme and portfolio management. It can be used by any type of organisation, including public, private and any size sector, as well as any type of projects in terms of complexity.	2020-12-05
SANS 51992-4 Ed 1	<i>Eurocode 2 - Design of concrete structures - Part 4: Design of fastenings for use in concrete.</i> This European Standard provides a design method for fastenings (connection of structural elements and non-structural elements to structural components), which are used to transmit actions to the concrete. This design method uses physical models which are based on a combination of tests and numerical analysis consistent with EN 1990:2002, 5.2. Additional rules for the transmission of the fastener loads within the concrete member to its supports are given in EN 1992-1-1 and Annex A of this EN. Inserts embedded in precast concrete elements during production, under Factory Production Control (FPC) conditions and with the due reinforcement, intended for use only during transient situations for lifting and handling, are covered by CEN/TR 15728. This EN is intended for safety related applications in which the failure of fastenings may result in collapse or partial collapse of the structure, cause risk to human life or lead to significant economic loss. In this context it also covers non-structural elements. The support of the fixture can be either statically determinate or statically indeterminate. Each support can consist of one fastener or a group of fasteners. This EN is valid for applications which fall within the scope of the EN 1992 series. In applications where special considerations apply, e.g. nuclear power plants or civil defense structures, modifications can be necessary. This EN does not cover the design of the fixture. Rules for the design of the fixture are given in the appropriate Standards meeting the requirements on the fixture as given in this EN. This document relies on characteristic resistances and distances which are stated in a European Technical Product Specification (see Annex E). At least the characteristics of Annex E are given in a European Technical Product Specification for the corresponding loading conditions providing a basis for the design methods of this EN.	2020-12-05
SANS 60095-6 Ed 1	<i>Lead-acid starter batteries -Part 6: Batteries for micro-cycle applications.</i> Applies to lead-acid batteries with a nominal voltage of 12 V, used primarily as power source for the starting of internal combustion engines (ICE), lighting and also for auxiliary equipment of ICE vehicles. These batteries are commonly called "starter batteries". This document specifies the general requirements and methods of test specific to lead-acid batteries used for micro-cycle applications. This document is applicable to batteries for the following purposes: lead-acid batteries of the dimensions according to IEC 60095-2 for vehicles with the capability to automatically switch off the ICE during vehicle operation either in standstill or when moving ("start-stop"); lead-acid batteries of the dimensions according to IEC 60095-2 for vehicles with start-stop applications with the capability to recover braking energy or energy from other sources. Li-ion technology is excluded from this document.	2020-12-06
SANS 62386-224 Ed 1	<i>Digital addressable lighting interface -Part 224: Particular requirements for control gear - Non-replaceable light source(device type 23).</i> Specifies a bus system for control by digital signals of electronic lighting equipment which is in line with the requirements of IEC 61347 (all parts), with the addition of DC supplies.	2020-12-10
SANS 60335-2-25 Ed 5	<i>Household and similar electrical appliances - Safety Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens.</i> Applies to microwave ovens intended to be used on board ships, for which Annex BB is applicable. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard. However, if the appliance is intended to be used professionally to process food for commercial purposes, the appliance is not considered to be for household and similar use only.	2020-12-10
SANS 3059 Ed 2	<i>Non-destructive testing - Penetrant testing and magnetic particle testing - Viewing conditions.</i> Specifies the control of the viewing conditions for magnetic particle and penetrant testing. It includes minimum requirements for the illuminance and UV-A irradiance and their measurement. It is intended for use when the human eye is the primary detection aid.	2020-12-14

SANS 10019 Ed 9	<i>Transportable pressure receptacles for compressed, dissolved and liquefied gases - Basic design, manufacture, use and maintenance. Covers the minimum requirements for the design, manufacture, use and maintenance of refillable and non-refillable pressure receptacles of water capacity 0,5 L to 3 000 L and cartridges of water capacity greater than 0,5 L, and can include requirements over and above those contained in the pressure receptacles design and manufacturing standards (see table 1 and annex A).</i>	2020-12-14
SANS 12715 Ed 2	<i>Ultrasonic non-destructive testing - Reference blocks and test procedures for the characterization of contact search unit beam profiles.</i> Introduces two ultrasonic reference blocks and provides a general methodology of using the blocks in order to establish sound fields or beam profiles in contact tests.	2020-12-14
SANS 52672 Ed 2	<i>Chemicals used for treatment of water intended for human consumption - Potassium permanganate.</i> Applicable to potassium permanganate used for treatment of water intended for human consumption. It describes characteristics of the chemical and specifies the requirements and corresponding test methods for potassium permanganate. It gives information on it's used in water treatment.	2020-12-14

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
SATS 2 Ed 1.1	<i>The development of normative documents other than South African National Standards.</i>	Amended to delete the note to the scope, to update referenced documents, definitions, and the figure on stages of development.	2020-12-12
SANS 776 Ed 3.2	<i>Copper alloy gate valves - Heavy duty.</i>	Amended to update the sub-clause materials, and the sub-clause on Strength test on handwheels	2020-12-01
SANS 898 Ed 1.1	<i>Good manufacturing practices for the self mixing of feed in the livestock industry.</i>	Amended to update the scope.	2020-12-04
SANS 61534-1 Ed 2.2	<i>Powertrack systems Part 1: General requirements.</i>	Amended to update the scope, referenced standards, terms and definitions, general requirements, general notes on tests, the requirements for marking and documentation, construction, protection against electrical shock, fire hazard, external influences, electromagnetic compatibility and the annex on additional requirements for PT systems already complying with IEC 61534-1:2011 and IEC 61534-1:2011/AMD1:2014.	2020-12-10
SANS 61347-1 Ed 3.1	<i>Lamp controlgear Part 1: General and safety requirements.</i>	Amended to update the scope and terms and definitions, to update the clauses on marking, terminals, moisture resistance and insulation, fault conditions, creep age distances and clearances, to update the annexes on particular additional requirements for controlgears providing SELV, additional requirements for built-in electronic control gear with double or reinforced insulation, creep age distances and clearances for control gear with a higher degree of availability (impulse withstand category III), and to update referenced standards.	2020-12-10
SANS 60335-2-50 Ed 4.2	<i>Household and similar electrical appliances - Safety Part 2-50: Particular requirements for commercial electric bains-marie.</i>	Amend to update the scope, add definitions, add general on classification, add heating and add a new annex P.	2020-12-14

SANS 60335-2-48 Ed 4.2	<i>Household and similar electrical appliances - Safety Part 2-48: Particular requirements for commercial electric grillers and toasters.</i>	Amended to update Scope, Normative references, Classification, Marking and instructions, Heating, Leakage current and electric strength at operating temperature, Leakage current and electric strength, Abnormal operation, Construction, Supply connection and external flexible cords, Screws and connections, add annex P on Guidance for the application of this standard to appliances used in tropical climates.	2020-12-14
SANS 60335-2-24 Ed 5.2	<i>Household and similar electrical appliances - Safety Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice-makers.</i>	Amended to update Normative references, terms and definitions, Marking and instructions, mechanical strength, Construction, Annex CC Non-sparking "n" electrical apparatus.	2020-12-14
SANS 60335-2-47 Ed 4.2	<i>Household and similar electrical appliances - Safety Part 2-47: Particular requirements for commercial electric boiling pans</i>	Amended to update scope, Normative references, Classification, Marking and instructions, Heating, Leakage current and electric strength.	2020-12-14
SANS 60335-2-4 Ed 3.2	<i>Household and similar electrical appliances - Safety Part 2-4: Particular requirements for spin extractors.</i>	Amended to update terms and definitions, to modify Moisture resistance, introduce annex R on Software evaluation and delete annex AA on Rinsing agent.	2020-12-14
SANS 182-1 Ed 1.3	<i>Conductors for overhead electrical transmission lines Part 1: Copper wires and stranded copper conductors.</i>	Amended to update the requirements for spraying properties, and the applicable standards.	2020-12-22

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 withdrawn 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**

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 695:2020 Ed 2	<i>Plastic carrier bags and flat bags.</i> Specifies requirements for secondary packaging, i.e. carrier bags and flat bags that are made from (virgin and or recycled) thermoplastics and any other polymeric material.
SANS 15289:2020 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).
SANS 16001:2020 Ed 3	<i>Wellness, health and disease management systems (WHDMS) - Requirements for guidance of use.</i> Specifies general requirements for wellness and disease management systems (WDMS), including Human Immunodeficiency Virus (HIV), Tuberculosis (TB) and non-occupational diseases (NCD), with guidance for its use to enable organisations to proactively provide healthy workplaces, and wellness and disease management interventions that improve its wellness and disease management system's performance, and promote the health of workers.
SANS 22301:2020 Ed 2	<i>Security and resilience - Business continuity management systems – Requirements.</i> Specifies requirements to implement, maintain and improve a management system to protect against, reduce the likelihood of the occurrence of, prepare for, respond to and recover from disruptions when they arise.
SANS 10001:2020 Ed 2	<i>Quality management - Customer satisfaction - Guidelines for codes of conduct for organizations.</i> Gives guidelines for planning, designing, developing, implementing, maintaining and improving customer satisfaction codes of conduct.
SANS 25023:2020 Ed 1	<i>Systems and software engineering - Systems and software Quality Requirements and Evaluation (SQuaRE) - Measurement of system and software product quality.</i> Defines quality measures for quantitatively evaluating system and software product quality in terms of characteristics and subcharacteristics defined in ISO/IEC 25010 and is intended to be used together with ISO/IEC 25010.
SANS 60071-2:2020 Ed 1	<i>Insulation co-ordination -Part 2: Application guidelines.</i> Constitutes application guidelines and deals with the selection of insulation levels of equipment or installations for three-phase electrical systems.
SANS 60400:2020 Ed 5	<i>Lampholders for tubular fluorescent lamps and starterholders.</i> States the technical and dimensional requirements for lampholders for tubular fluorescent lamps and for starterholders, and the methods of test to be used in determining the safety and the fit of the lamps in the lampholders and the starters in the starterholders.
SANS 1953:2020 Ed 2	<i>Hard coal - Size analysis by sieving.</i> Specifies reference methods for the size analysis of coal by manual sieving (wet or dry), using test sieves of aperture sizes between 125 mm and 45 µm.
SANS 11724:2020 Ed 2	<i>Solid mineral fuels - Determination of total fluorine in coal, coke and fly ash.</i> Specifies a method for the determination of total fluorine in coal, coke and fly ash.
SANS 862:2020 Ed 3	<i>Set-top box decoder for free-to-air digital terrestrial television.</i> Sets out the minimum technical requirements for a standard-definition and high-definition set-top box decoder for free-to-air digital terrestrial television in South Africa
SANS 12620:2020 Ed 3	<i>Management of terminology resources - Data category specifications.</i> Provides guidelines and requirements governing data category specifications for language resources.

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 60317-0-1:2020 Ed 4.1	<i>Specifications for particular types of winding wires Part 0-1: General requirements - Enamelled round copper wire. Consolidated edition incorporating amendment No.1.</i> Amended to update referenced standards, the requirements for general notes, the requirements for electrical resistance, and the annex on method for the calculation of linear resistance.
SANS 50572-5:2020 Ed 1	<i>Glass in building - Basic soda lime silicate glass products Part 5: Patterned glass. Consolidated edition incorporating amendment No.1.</i> Specifies dimensional and minimum quality requirements (in respect of visual and pattern faults) for patterned glass for use in building. It applies only to patterned glass supplied in rectangular panes and in stock sizes.
SANS 16063-1:2020 Ed 1	<i>Methods for the calibration of vibration and shock transducers Part 1: Basic concepts. Consolidated edition incorporating amendment No.1.</i> Amended to update terms and definitions.
SANS 28927-8:2020 Ed 1	<i>Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 8: Saws, polishing and filing machines with reciprocating action and small saws with oscillating or rotating action. Consolidated edition incorporating amendment No.1.</i> Amended to update the terms and definitions, and the the clauses on description of the family of machines, characterization of vibration, testing and operating conditions of the machinery, and on measurement report.
SANS 514:2020 Ed 3.6	<i>Immersion heaters for electric storage water heaters. Consolidated edition incorporating amendment No.6.</i> Amended to update the scope, and referenced standards, to update definitions and to renumber them accordingly, to update the clauses on constructional requirements, electrical and physical requirements, and on marking, and to delete the annex on notes to purchasers.
SANS 1515-1:2020 Ed 3.1	<i>Gas measuring equipment primarily for use in mines Part 1: Battery-operated portable, flammable gas measuring instruments and warning devices. . Consolidated edition incorporating amendment No.1.</i> Amended to update the annex on assessment of compliance with this part of SANS 1515, and the referenced standards.
SANS 60754-1:2020 Ed 2.1	<i>Test on gases evolved during combustion of materials from cables - Part 1: Determination of the halogen acid gas content. . Consolidated edition incorporating amendment No.1.</i> Amended to update the introduction, the clauses on test apparatus, test specimen and test procedure, and the figures on test apparatus: method 1 - use of synthetic or compressed air from a bottle, test apparatus: method 2 - use of laboratory compressed air supply and test apparatus: method 3 - use of ambient air sucked by means of a suction pump.
SANS 61347-2-7:2020 Ed 3.1	<i>Lamp controlgear Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained). . Consolidated edition incorporating amendment No.1.</i> Amended to update the introduction, the scope, and definitions, to change the reference from "ballast" to "controlgear", to update the requirements for marking, the clause on functional safety, and to update the figure on circuit for testing rectifying effect and referenced standards.
SANS 61800-5-1:2020 Ed 2.1	<i>Adjustable speed electrical power drive systems Part 5-1: Safety requirements - Electrical, thermal and energy. Consolidated edition incorporating amendment No.1.</i> Amended to update referenced standards, terms and definitions, the clauses on protection against electric shock, thermal, and energy hazards, test requirements, and on information and marking requirements.
SANS 490:2020 Ed 1.2	<i>Alcohol-based hand sanitizer and handrub. . Consolidated edition incorporating amendment No.2.</i> Amended to update the title of the standard and the foreword, to update the scope, referenced standards, definitions, requirements, inspection and methods of test, and the requirements for marking, to delete the annex on notes to purchasers, to update the annexes on sampling and compliance with this standard, and on quality verification of alcohol-based hand sanitizer and handrub, and to add a new annex on standard handrub procedure.

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 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.