

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 365 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 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 17516 Ed 1	<i>Cosmetics - Microbiology - Microbiological limits.</i> This International Standard is applicable for all cosmetics and assists interested parties in the assessment of the microbiological quality of the products. Microbiological testing does not need to be performed on those products considered to be microbiologically low risk (see ISO 29621).	2020-08-03
SANS 60598-2-1 Ed 2	<i>Luminaires -Part 2-1: Particular requirements - Fixed general purpose luminaires.</i> This part of IEC 60598 specifies requirements for fixed general purpose luminaires for use with electric light sources on supply voltages not exceeding 1 000 V. This edition includes the following technical changes with respect to the previous edition, the scope has been modified to be in line with Part 1 to include all electric light sources, and references to Part 1 have been updated.	2020-08-11
SANS 60335-2-58 Ed 4	<i>Household and similar electrical appliances - Safety Part 2-58: Particular requirements for commercial electric dishwashing machines.</i> This International Standard deals with the safety of electrically operated dishwashing machines for washing plates, dishes, glassware, cutlery and similar articles, with or without means for water heating or drying, not intended for household use, their rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral and 480 V for other appliances.	2020-08-11
SANS 54502-1 Ed 1	<i>Cranes Equipment for the lifting of persons and Cranes Inspection.</i> This standard applies to baskets suspended on cranes. This standard does not cover the controls for the movement of the basket. It is not applicable to: lifts for crane drivers; moveable cabins; It deals with all significant hazards, hazardous situations and events relevant to suspended baskets, when used as intended and under conditions foreseen by the manufacturer (see Clause 4). The significant hazards covered by this document are identified in Clause 4. It is not applicable to suspended baskets which are manufactured before the date of publication by CEN.	2020-08-11
SANS 9927-1 Ed 1	<i>Cranes - Inspections - Part 1 General.</i> Specifies the general requirements for inspections to be carried out on cranes as defined in ISO 4306-1.	2020-08-11
SANS 15288 Ed 3	<i>Systems and software engineering - Systems life cycle processes.</i> Establishes a common framework of process descriptions for describing the life cycle of systems created by humans.	2020-08-11
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) Systems and software engineering - System of systems (SoS) considerations in life cycle stages of a system.</i> Provides guidance on the application of processes in ISO/IEC/IEEE 15288 to systems of systems (SoS).	2020-08-11

SANS 16350 Ed 1	<i>Information technology - Systems and software engineering - Application management.</i> Establishes a common framework for application management processes with well-defined terminology that can be referenced by the software industry.	2020-08-11
SANS 1042 Ed 2	<i>Polymer floor dressings.</i> Covers two types of a slip-resistance; waterbased polymer floor dressing that is suitable for use on thermoplastic (asphalt); semiflexible vinyl (vinyl asbestos), flexible vinyl, linoleum, rubber, and any other flooring where a dressing is used.	2020-08-11
SANS 80601-2-56 Ed 2	<i>Medical electrical equipment Part 2-56: Particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement.</i> Applies to the basic safety and essential performance of electrical clinical thermometers in combination with its accessories, used for measuring the body temperature of patients. Gives general and technical requirements.	2020-06-29
SATR 80002-2 Ed 1	<i>Medical device software - Part 2: Validation of software for medical device quality systems.</i> Applies to any software used in device design, testing, component acceptance, manufacturing, labelling, packaging, distribution and complaint handling or to automate any other aspect of a medical device quality system as described in ISO 13485. It applies to software used in the quality management system; software used in production and service provision; and software used for the monitoring and measurement of requirements.	2020-06-29
SANS 60601-1-8 Ed 1	<i>Medical electrical equipment -Part 1-8: General requirements for basic safety and essential performance -Collateral standard: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems.</i> Specifies basic safety and essential performance requirements and tests for alarm systems in medical electrical equipment and medical electrical systems and to provide guidance for their application.	2020-06-29
SANS 25023 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.	2020-06-29
SANS 651 Ed 1	<i>Laundry detergents Part 1: Low-foam laundry detergents (for use in automatic and non-automatic domestic washing machines).</i> Specifies the characteristics of two types (powder and liquid) of low-foam laundry detergent intended for the washing (in automatic and non-automatic domestic washing machines) in either hard or soft water, of textiles made of cotton or of cotton-and-synthetic fibre yarns.	2020-06-30
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 12175 Ed 3	<i>Chemicals used for treatment of water intended for human consumption - Hexafluorosilicic acid.</i> Applicable to hexafluorosilicic acid used for treatment of water intended for human consumption.	2020-08-21
SANS 50882 Ed 2	<i>Chemicals used for treatment of water intended for human consumption - Sodium aluminate.</i> Applicable to sodium aluminate used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements for sodium aluminate and refers to the corresponding analytical methods.	2020-08-21
SANS 50896 Ed 2	<i>Chemicals used for treatment of water intended for human consumption - Sodium hydroxide.</i> This standard is applicable to sodium hydroxide used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements and the corresponding test methods for sodium hydroxide. It gives information on its use in water treatment, also determines the rules relating to safe handling and use.	2020-08-21
SANS 50936 Ed 2	<i>Chemicals used for treatment of water intended for human consumption - Carbon dioxide.</i> Applicable to carbon dioxide used for treatment of water intended for human consumption.	2020-08-21

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 522 Ed 1.1	<i>The inspection, testing and examination of tower cranes.</i>	Amended to update referenced standards.	2020-08-21
SANS 10109-1 Ed 3.2	<i>Concrete floors Part 1: Bases to concrete floors.</i>	Amended to update normative references.	2020-08-03
SANS 1492-2 Ed 2.3	<i>Men's shoes with stuck-on outer soles Part 2: California type construction.</i>	Amended to update referenced standards.	2020-08-03
SANS 47 Ed 3.3	<i>Coal-tar type disinfectant liquids (black and white).</i>	Amended to delete the annex on notes to purchasers.	2020-08-03
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.	2020-08-11
SANS 514 Ed 3.5	<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.	2020-06-29
SANS 1182 Ed 1.5	<i>Light gauge welded steel pipes.</i>	Amended to update referenced standards, to update the sub-clause on weld integrity test, to add a sub-clause on eddy current test, and to delete the annex on notes to purchasers.	2020-08-25
SANS 60851-5 Ed 2.2	<i>Winding wires - Test methods Part 5: Electrical properties.</i>	Amended to update the contents, to modify information on test 13: Breakdown voltage and test 14: Continuity of insulation applicable to enamelled round and tape wrapped round wire).	2020-06-28
SANS 10257 Ed 1.3	<i>The reconditioning of valves for use with pipelines.</i>	This specification has been amended to update the legislation in the forward, inspection authority, test certificate and informative standards (bibliography).	2020-06-30

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 13818-1 Ed 3	Information technology - Generic coding of moving pictures and associated audio information: Systems.	This series of Standards is no longer used in South Africa, as all coding of television signals in South Africa now takes place in a digital domain.	2020-07-20
SANS 13818-2 Ed 2	Information technology - Generic coding of moving pictures and associated audio information: Video	This series of Standards is no longer used in South Africa, as all coding of television signals in South Africa now takes place in a digital domain.	2020-07-20
SANS 13818-3 Ed 2	Information technology - Generic coding of moving pictures and associated audio information Part 3: Audio.	This series of Standards is no longer used in South Africa, as all coding of television signals in South Africa now takes place in a digital domain.	2020-07-20
SANS 14520-2 Ed 2	Gaseous fire-extinguishing systems - Physical properties and system design Part 2: CF3I extinguishant	The standard is obsolete.	2020-08-25

SANS 14520-6 Ed 2	Gaseous fire-extinguishing systems - Physical properties and system design Part 6: HCFC blend A extinguishant	The standard is obsolete.	2020-08-25
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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 60076-16:2020 Ed 2	<i>Power transformers Part 16: Transformers for wind turbine applications.</i> Applies to dry-type and liquid-immersed transformers for wind turbine step-up applications having a winding with highest voltage for equipment up to and including 72,5 kV.
SANS 60335-2-51:2020 Ed 4	<i>Household and similar electrical appliances - Safety Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations.</i> Deals with the safety of electric stationary circulation pumps for household and similar purposes intended for use in heating systems or in service water systems, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.
SANS 60076-22-3:2020 Ed 1	<i>Power transformers -Part 22-3: Power transformer and reactor fittings - Insulating liquid to air heat exchangers.</i> Applies to liquid to air heat exchangers, using forced air and forced liquid circuits, used on liquid immersed power transformers according to SANS 60076-1 and reactors according to SANS 60076-6 with and without conservator for indoor or outdoor installation.
SATS 2234:2020 Ed 1	<i>Business Incubators and Accelerators – Requirements.</i> Specifies requirements for incubators and accelerators, for an organization to (a) distinguish between business incubators and accelerators, and also highlight their differing processes, models, services and measures, and (b) demonstrate its ability to consistently provide its services that meet applicable stakeholder standards and applicable requirements as either a business incubator or an accelerator.
SATR 33015 Ed 1	<i>Information technology - Process assessment - Guidance for process risk determination.</i> Provides guidance on the application of the results of a process assessment for process risk determination.
SANS 60034-14 Ed 4	<i>Rotating electrical machines Part 14: Mechanical vibration of certain machines with shaft heights 56 mm and higher - Measurement, evaluation and limits of vibration severity.</i> Specifies the factory acceptance vibration test procedures and vibration limits for certain electrical machines under specified conditions, when uncoupled from any load or prime mover.
SANS 61010-2-010 Ed 3	<i>Safety requirements for electrical equipment for measurement, control and laboratory use Part 2-010: Particular requirements for laboratory equipment for the heating of materials.</i> Specifies particular safety requirements for the following types a) to c) of electrical equipment and their accessories, wherever they are intended to be used, whenever the heating of materials is one of the functions of the equipment.

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 164-0:2020 Ed 1.7	<i>Plug and socket-outlet systems for household and similar purposes for use in South Africa - Part 0: General requirements. Consolidated edition incorporating amendment No.7.</i> Amended to update the sub-clause on dimensions.
SANS 1661:2020 Ed 3.3	<i>Cord extension sets. Consolidated edition incorporating amendment No.3.</i> Amended to update referenced standards, the clause on requirements, and to remove the annex for thermal overload operating curve.
SANS 1507-3:2020 Ed 1.4	<i>Electric cables with extruded solid dielectric insulation for fixed installations (300/500 V to 1 900/3 300 V) Part 3: PVC Distribution cables. Consolidated edition incorporating amendment No.4.</i> Amended to change the options for phase colours in the table on core colour coding.
SANS 1507-4:2020 Ed 1.5	<i>Electric cables with extruded solid dielectric insulation for fixed installations (300/500 V to 1 900/3 300 V) Part 4: XLPE Distribution cables. Consolidated edition incorporating amendment No.5.</i> Amended to update the scope and referenced standards, to update the table on core insulation colour coding, and to add the subclause on spark testing of the sheath.
SANS 1507-5:2020 Ed 1.6	<i>Electric cables with extruded solid dielectric insulation for fixed installations (300/500 V to 1 900/3 300 V) Part 5: Halogen-free distribution cables. Consolidated edition incorporating amendment No.6.</i> Amended to update the table on core insulation colour coding, to add the subclause on spark testing of the sheath, and to change the rate of conductivity of halogen gas.
SANS 60317-0-3:2020 Ed 1.2	<i>Specifications for particular types of winding wires Part 0-3: General requirements - Enamelled round aluminium wire. Consolidated edition incorporating amendment No.2.</i> Amended to update referenced standards, to update the requirements for general notes and electrical resistance, and to update the annex on method for the calculation of linear resistance.

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 5838:2006 Ed 2	<i>Sand equivalent value of fine aggregates.</i>
SANS 5848:2008 Ed 2.2	<i>Polished-stone value of aggregates.</i>
SANS 55167-1:2011 Ed 1	<i>Ground granulated blast furnace slag for use in concrete, mortar and grout Part 1: Definitions, specifications and conformity criteria.</i>
SANS 55167-2:2011 Ed 1	<i>Ground granulated blast furnace slag for use in concrete, mortar and grout Part 2: Conformity evaluation.</i>

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.