

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 194 OF 2021

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 952-1 Ed 3	<i>Polymer film for damp-proofing and waterproofing in buildings Part 1: Monofilament and co-extruded products.</i> Covers the requirements for five types of monofilament polyolefin film and four types of co-extruded polyolefin film, for use as a damp-proofing material in walls, under concrete and under roofing tiles, and for the waterproofing of basements.	2021-05-18
SANS 15874-2 Ed 2	<i>Plastics piping systems for hot and cold water installations - Polypropylene (PP) Part 2: Pipes.</i> This part ISO 15874 specifies the requirements of pipes made from polypropylene (PP) for piping systems intended to be used for hot and cold water installations within buildings for the conveyance of water whether or not intended for human consumption (domestic systems) and for heating systems under operating pressures and temperatures appropriate to the class of application (see ISO 15874-1:2013, Table 1). This part of ISO 15874 covers a range of service conditions (application classes), design pressures and pipe dimension classes. For values of TD, Tmax and Tmal in excess of those in Table 1 of ISO 15874-1:2013 do not apply. NOTE 1 It is the responsibility of the purchaser or specifier to make the appropriate selections from these aspects, taking into account their particular requirements and any relevant national regulations and installation practices or codes. It also specifies the test parameters for the test methods referred to in this part of ISO 15874. In conjunction with the other parts of ISO 15874, this part of ISO 15874 is applicable to PP pipes, their joints and to joints with components of PP, other plastics and non-plastics materials intended to be used for hot and cold water installations. It is applicable to pipes with or without (a) barrier layer(s).	2021-05-18
SANS 15874-1 Ed 2	<i>Plastics piping systems for hot and cold water installations - Polypropylene (PP) Part 1: General.</i> This part of ISO 15874 specifies the general aspects of polypropylene (PP) piping systems intended to be used for hot and cold water installations within buildings for the conveyance of water whether or not intended for human consumption (domestic systems), and for heating systems, under design pressures and temperatures according to the class of application (see Table 1). It covers a range of service conditions (classes of application), design pressures and pipe dimension classes. Values of TD, Tmax and Tmal in excess of those in Table 1 of this part of ISO 15874 do not apply.	2021-05-18
SANS 10287 Ed 2	<i>Automatic sprinkler installations for fire-fighting purposes.</i> Establishes general principles for the design, installation and maintenance of automatic sprinkler installations for fire-fighting purposes in buildings and industrial plants.	2021-05-25
SANS 21102 Ed 1	<i>Adventure tourism - Leaders - Personnel competence.</i> Establishes the requirements and recommendations of competencies and the related expected results of competencies for adventure tourism activity leaders common to any adventure tourism activity, which can affect the quality and safety of the services provided	2021-05-28
SANS 68 Ed 2	<i>Single-use sterile rubber surgical gloves – Specification.</i> Specifies requirements for packaged sterile rubber gloves intended for use in surgical procedures to protect the patient and the user from cross-contamination. Applicable to single-use rubber gloves as reference for the performance and safety of rubber surgical gloves.	2021-05-28

SANS 4731 Ed 1	<i>Essential Oil of geranium (Pelargonium x spp.)</i> . Specifies certain characteristics of essential oil of geranium (<i>Pelargonium × spp.</i>) coming from different <i>Pelargonium</i> species commonly known as <i>Pelargonium graveolens</i> , in order to facilitate assessment of its quality.	2021-05-28
SANS 53727 Ed 2	<i>Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of bactericidal activity in the medical area - Test method and requirements (phase 2, step 1)</i> . This Standard specifies a test method and the minimum requirements for bactericidal activity of chemical disinfectant and antiseptic products that form a homogeneous, physically stable preparation when diluted with hard water, or - in the case of ready-to-use products - with water. Products can only be tested at a concentration of 80 % or less (97 % with a modified method for special cases) as some dilution is always produced by adding the test organisms and interfering substance. This Standard applies to products that are used in the medical area in the fields of hygienic handrub, hygienic handwash, surgical handrub, surgical handwash, instrument disinfection by immersion, and surface disinfection by wiping, spraying, flooding or other means. This Standard applies to areas and situations where disinfection or antiseptics is medically indicated.	2021-05-28
SANS 12174 Ed 3	<i>Chemicals used for treatment of water intended for human consumption - Sodium hexafluorosilicate. Applicable to sodium hexafluorosilicate used for treatment of water intended for human consumption</i> . Describes the characteristics of sodium hexafluorosilicate and specifies the requirements and the corresponding test methods for sodium hexafluorosilicate. Gives information on its use in water treatment and also determines the rules relating to the safe handling and use of sodium hexafluorosilicate.	2021-05-28
SANS 53624 Ed 2	<i>Chemical disinfectants and antiseptics - Quantitative suspension test for the evaluation of fungicidal activity of chemical disinfectants for instruments used in the medical area - Test method and requirements (phase 2, step 1)</i> . This Standard specifies a test method and the minimum requirements for fungicidal or yeasticidal activity of chemical disinfectant and antiseptic products that form a homogeneous, physically stable preparation when diluted with hard water, or - in the case of ready-to-use products - with water. Products can only be tested at a concentration of 80 % or less (97 % with a modified method for special cases) as some dilution is always produced by adding the test organisms and interfering substance. This Standard applies to products that are used in the medical area in the fields of hygienic handrub, hygienic handwash, surgical handrub, surgical handwash, instrument disinfection by immersion, and surface disinfection by wiping, spraying, flooding or other means.	2021-05-28
SANS 22059 Ed 1	<i>Guidelines on consumer warranties/guarantees</i> . Specifies the form and content of warranties/guarantees that a manufacturer and/or supplier can use to address reasonable expectations of products by consumers. It is also applicable to transactions between businesses and consumers of new and used products, including online transactions. This document is also applicable to products associated with services to complete a transaction (such as, buying clothes that need alteration).	2021-05-28
SANS 53704 Ed 2	<i>Chemical disinfectants - Quantitative suspension test for the evaluation of sporicidal activity of chemical disinfectants used in food, industrial, domestic, and institutional areas - Test method and requirements (phase 2, step 1)</i> . This document specifies a test method (phase 2/step 1) and the minimum requirements for sporicidal activity of chemical disinfectant products that form a homogeneous, physically stable preparation in hardwater and that are used in food, industrial, domestic and institutional areas, excluding areas and situations where disinfection is medically indicated and excluding products used on living tissues except those for hand hygiene in the above considered areas.	2021-05-28
SANS 3657 Ed 2	<i>Animal and vegetable fats and oils - Determination of saponification value</i> . Specifies a method for the determination of the saponification value of animal and vegetable fats and oils. The saponification value is a measure of the free and esterified acids present in fats and fatty acids. The method is applicable to refined and crude vegetable and animal fats.	2021-05-28

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 10331 Ed 1.1	<i>Translocation of certain species of wild herbivores.</i>	Amended to move reference to legislation to the foreword and to have organizations and province names that are acknowledged in the standard removed.	2021-05-28
SANS 1875 Ed 1.2	<i>Edible oils</i>	Amended to update referenced standards, to move references to legislation to the foreword, to update the requirements for the product, and to delete the annex on notes to purchasers.	2021-05-28
SANS 585 Ed 4.2	<i>The production of frozen fish, marine molluscs, and products derived therefrom.</i>	Amended to update the requirements for abalone that is to be frozen in the shell, to add the notes on tables on microbiological requirements, and to delete the annex on notes to purchasers.	2021-05-28

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 12715:2021 Ed 2	<i>Ultrasonic non-destructive testing - Reference blocks and test procedures for the characterization of contact search unit beam profiles.</i> Introduces two metal reference blocks, the hemicylindrical-stepped (HS) block and the side-drilled-hole (SDH) block, and establishes procedures for measuring the sound beam profiles generated by probes in contact with the test object.
SANS 4701:2021 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 (excluding briquetted iron), utilizing sieves having aperture sizes of 36 μm or larger.
SANS 52386:2021 Ed 2	<i>Chemicals used for treatment of water intended for human consumption - Copper sulfate.</i> Applies to copper (II) sulfate pentahydrate used for treatment of water intended for human consumption.
SANS 4309:2021 Ed 3	<i>Cranes - Wire ropes - Care and maintenance, inspection and discard.</i> Establishes general principles for the care and maintenance, and inspection and discard of steel wire ropes used on cranes and hoists.

Standard No. and year	Title, scope and purport
SANS 3082:2021 Ed 2	<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).
SANS 15504-2:2021 Ed 2	<i>Information technology - Process assessment Part 2: Performing an assessment.</i> Defines the requirements for performing process assessment as a basis for use in process improvement and capability determination. Also defines the minimum set of requirements for performing an assessment that will ensure assessment results are objective, impartial, consistent, repeatable and representative of the assessed processes.
SANS 60895:2021 Ed 1	<i>Live working - Conductive clothing.</i> Applies to conductive clothing, worn during live working (especially bare-hand working) on AC and DC electrical installations, to provide electrical continuity between all parts of the clothing and a reduction of electric field inside the clothing.
SANS 61511-2:2021 Ed 2	<i>Functional safety - Safety instrumented systems for the process industry sector - Part 2: Guidelines for the application of IEC 61511-1: 2016.</i> Provides guidance on the specification, design, installation, operation and maintenance of SIFs and related SIS as defined in IEC 61511-1:2016 (published in South Africa as an identical adoption under the designation SANS 61511-1).
SANS 3059:2021 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.
SANS 10313:2021 Ed 4	<i>Protection against lightning - Physical damage to structures and life hazard.</i> Provides requirements for protection of a structure against physical damage by means of a lightning protection system (LPS), and for protection against injury to living beings due to touch and step voltages in the vicinity of an LPS, with the inclusion of thatched roof structures and buildings with explosive or flammable substances.
SANS 9994:2021 Ed 4	<i>Lighters - Safety specification.</i> Specifies requirements for lighters to ensure a reasonable degree of safety for normal use or reasonably foreseeable misuse of such lighters by users.
SANS 10019:2021 Ed 9	<i>Transportable pressure receptacles for compressed, dissolved and liquefied gases - Basic design, manufacture, use and maintenance.</i> 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 includes requirements over and above those contained in the pressure receptacles design and manufacturing standards (see table 1 and annex A).
SANS 39002:2021 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.
SATR 21506:2021 Ed 1	<i>Project, programme and portfolio management – Vocabulary.</i> Defines terms used in the field of project, programme and portfolio management.
SANS 10019:2021 Ed 9	<i>Transportable pressure receptacles for compressed, dissolved and liquefied gases - Basic design, manufacture, use and maintenance.</i> 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 includes requirements over and above those contained in the pressure receptacles design and manufacturing standards (see table 1 and annex A).
SANS 52672:2021 Ed 2	<i>Chemicals used for treatment of water intended for human consumption - Potassium permanganate.</i> Applies to potassium permanganate used for treatment of water intended for human consumption.

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 1718-5:2021 Ed 1.1	<i>Gambling equipment Part 5: Local area and wide area jackpot and progressive jackpot equipment. Consolidated edition incorporating amendment No.1.</i> Amended to delete reference to legislation in the foreword, to update the introduction, the scope, referenced standards, to update and renumber the definitions and abbreviations accordingly, the functional requirements, the software requirements, the clause on communication, the sub-clause on preservation of RAM, the sub-clause on enclosure construction, the clause on electrical requirements, the clause on significance events, to delete the annex on recommended implementation of requirements, to add the annex on guidelines for submission and scope of testing, and to add a bibliography.
SANS 60335-2-48:2021 Ed 4.2	<i>Household and similar electrical appliances - Safety Part 2-48: Particular requirements for commercial electric grillers and toasters. Consolidated edition incorporating amendment No.2.</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
SANS 61347-1:2021 Ed 3.1	<i>Lamp controlgear Part 1: General and safety requirements. Consolidated edition incorporating amendment No.1.</i> Amended to update the scope and terms and definitions, to update the clauses on marking, terminals, moisture resistance and insulation, fault conditions, creepage distances and clearances, to update the annexes on particular additional requirements for controlgears providing SELV, additional requirements for built in electronic controlgear with double or reinforced insulation, creepage distances and clearances for controlgear with a higher degree of availability (impulse withstand category III), and to update referenced standards.
SANS 1209:2021 Ed 2.1	<i>Pipe holderbats. Consolidated edition incorporating amendment No.1.</i> Amended to delete the appendix on notes to purchasers.
SANS 60335-2-31:2021 Ed 4,1	<i>Household and similar electrical appliances - Safety Part 2-31: Particular requirements for range hoods and other cooking fume extractors. Consolidated edition incorporating amendment No.1.</i> Amended to update referenced standards, and to update the clauses on marking and instructions, heating, construction and on resistance to heat and fire.
SANS 5125:2021 Ed 3.2	<i>Paints and varnishes - Determination of viscosity by means of an efflux cup. Consolidated edition incorporating amendment No.2.</i> Amended to update the annex on calibration.
SANS 10076-1:2021 Ed 4.2	The assessment of defects in textile piece-goods and made-up articles Part 1: Defects in woven piece-goods (cellulosic and cellulosic blends). <i>Consolidated edition incorporating amendment No.2.</i> Amended to delete the note on the sub-clause on permissible number of defects, the sub-clause on general, and the notes to purchasers.
SANS 1467:2021 Ed 1.3	<i>Narrow bandsaw blades. Consolidated edition incorporating amendment No.3.</i> Amended to delete the appendix on notes to purchasers.
SANS 802:2021 Ed 2.6	<i>Bituminous aluminium paint. Consolidated edition incorporating amendment No.6.</i> Amended to update the sub-clause on exposure stations, and the applicable standards.
SANS 10076-2:2021 Ed 2.2	<i>The assessment of defects in textile piece-goods and made-up articles Part 2: Defects in woven terry towelling. Consolidated edition incorporating amendment No.2.</i> Amended to delete the note on the sub-clause on permissible number of defects, the sub-clause on general, and the annex on notes to purchasers and suppliers.
SANS 6103:2021 Ed 2.1	<i>Linear density of yarns in weft-knitted fabrics. Consolidated edition incorporating amendment No.1.</i> Amended to update the clause on sampling and preparation of test specimens, and to update referenced standards.
SANS 1170:2021 Ed 1.5	<i>Linear alkylbenzenesulphonic acid. Consolidated edition incorporating amendment No.1.</i> Amended to delete the annex on notes to purchasers.
SANS 680:2021 Ed 3.1	<i>Glazing putty for wooden and metal window frames. Consolidated edition incorporating amendment No.1.</i> Amended to update referenced standards, and to delete the annex on notes to purchasers.

SANS 10368:2021 Ed 2.1	<i>Transport of low-hazard goods in bulk - Emergency information for road vehicles. Consolidated edition incorporating amendment No.1. Amended to update referenced standards, the requirements for emergency instructions, and the annex on placard hazard diamonds.</i>
SANS 1017:2021 Ed 1.6	<i>Electric cables for motor vehicles - Low-voltage cables and flexible earthing straps for motor vehicles. Consolidated edition incorporating amendment No.1. Amended to update the definitions and the clause on requirements for the finished product, and to delete the appendix on notes to purchasers.</i>
SANS 1357:2021 Ed 1.2	<i>Granite surface plates and tables. Consolidated edition incorporating amendment No.2. Amended to delete the appendix on notes to purchasers.</i>

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 1448:2014	<i>Wax emulsion for coating citrus fruit.</i>
SANS 722:1982	<i>The production of infants' and children's shoes (stuck-on and stitch-down construction)</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 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.