

**DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION**  
**NOTICE 744 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.

<b>Draft Standard No. and Edition</b>	<b>Title, scope and purport</b>	<b>Closing Date</b>
SANS 62930 Ed 1	<i>Electric cables for photovoltaic systems with a voltage rating of 1,5 kV DC.</i> Applies to single-core cross-linked insulated power cables with cross-linked sheath.	2021-02-21
SANS 1833-7 Ed 2	<i>Textiles – Quantitative chemical analysis – Part 7: Mixtures of polyamide and certain other fibres (method using formic acid).</i> Specifies a method, using formic acid, to determine the percentage of polyamide fibre, after removal of non-fibrous matter, in textiles made of binary mixtures of polyamide with cotton, viscose, cupro, modal, polyester, polypropylene, chlorofibre, acrylic glass fibre elastomultiester, elastolefin and melamine, or wool if the wool content is less than or equal to 25 % or animal hair fibres.	2021-01-03
SANS 105-B01 Ed 2	<i>Textiles – Tests for colour fastness – Part B01: Colour fastness to light: Daylight.</i> Specifies a method intended for determining the resistance of the colour of textiles of all kinds and in all forms to the action of daylight.	2021-01-03
SANS 51499 Ed 1	<i>Chemical disinfectants and antiseptics – Hygienic handwash – Test method and requirements (phase 2/step 2).</i> Specifies a test method simulating practical conditions for establishing whether a product for hygienic handwash reduces the release of transient microbial flora on hands when used to wash the artificially contaminated hands of volunteers.	2021-02-05
SANS 51500 Ed 1	<i>Chemical disinfectants and antiseptics – Hygienic handrub - Test method and requirements (phase 2/step 2).</i> Specifies a test method simulating practical conditions for establishing whether a product for hygienic handrub reduces the release of transient microbial flora on hands when rubbed onto the artificially contaminated hands of volunteers.	2021-02-05
SANS 52791 Ed 1	<i>Chemical disinfectants and antiseptics – Surgical hand disinfection - Test method and requirements (phase 2, step 2).</i> Specifies a test method simulating practical conditions for establishing whether a product for surgical handrub and handwash reduces the release of resident and eventually present transient microbial flora on hands when used for the treatment of clean hands of volunteers.	2021-02-05
SANS 52671 Ed 2	<i>Chemicals used for treatment of water intended for human consumption – Chlorine dioxide generated in situ.</i> Describes the characteristics for chlorine dioxide generated on site for treatment of water intended for human consumption.	2021-02-05

**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.

<b>Draft Standard No. and Edition</b>	<b>Title</b>	<b>Scope of amendment</b>	<b>Closing Date</b>
SANS 1507-6 Ed 2.1	<i>Electric cables with extruded solid dielectric insulation for fixed installations (300/500 V to 1 900/3 300 V) Part 6: Service cables</i>	Amended to update the sub-clause on UV weathering tests.	2021-02-21
SANS 10198-3 Ed 2.1	<i>The selection, handling and installation of electric power cables of rating not exceeding 33 kV Part 3: Earthing systems – General provisions</i>	Amended to delete reference to a national organization.	2021-02-21
SANS 11108 Ed 3.1	<i>Washing pretreatment of textile fabrics</i>	Amended to delete references to organizations.	2021-01-03
SANS 1319 Ed 3.2	<i>Zinc phosphate primer for steel</i>	Amended to update referenced standards, and to delete the annex on notes to purchasers.	2021-01-03
SANS 11166 Ed 3.1	<i>Textiles – Colour fastness to domestic washing procedures.</i>	Amended to delete reference to organizations.	2021-01-03
SANS 10076-2 Ed 2.2	<i>The assessment of defects in textile piece-goods and made-up articles – Part 2: Defects in woven terry towelling.</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.	2021-02-03
SANS 10076-4 Ed 2.2	<i>The assessment of defects in textile piece-goods and made-up articles – Part 4: Defects in knitted piece-goods</i>	Amended to delete reference to organizations and notes to purchasers.	2021-02-03
SANS 10076-6 Ed 2.2	<i>The assessment of defects in textile piece-goods and made-up articles – Part 6: Defects in woven filament piece-goods</i>	Amended to delete the note on the sub-clause on permissible number of defects, the footnote on the clause on colour matching, and the notes to purchasers.	2021-02-03
SANS 390 Ed 3.7	<i>Forks and rakes</i>	Amended to delete the appendix on notes to purchasers.	2021-02-05
SANS 788 Ed 1.4	<i>Frozen shrimps (prawns), langoustines and crabs</i>	Amended to update the clause on microbiological requirements, and to delete the annex on notes to purchasers.	2021-02-05
SANS 1172 Ed 1.5	<i>Files and rasps</i>	Amended to delete the appendix on notes to purchasers.	2021-02-05
SANS 1357 Ed 1.2	<i>Granite surface plates and tables</i>	Amended to delete the appendix on notes to purchasers.	2021-02-05
SANS 1110 Ed 1.9	<i>Screwdrivers for slotted-head screws</i>	Amended to delete the appendix on notes to purchasers.	2021-02-05

**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.

<b>Draft Standard No. and Edition</b>	<b>Title</b>	<b>Reason for withdrawal</b>	<b>Closing Date</b>

**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 11137-2:2020 Ed 2	<i>Sterilization of health care products – Radiation Part 2: Establishing the sterilization dose.</i> Specifies methods for determining the minimum dose needed to achieve a specified requirement for sterility and methods to substantiate the use of 25 kGy or 15 kGy as the sterilization dose to achieve a sterility assurance level, SAL, of 10 <sup>-6</sup> .
SANS 15426-2:2020 Ed 2	<i>Information technology – Automatic identification and data capture techniques – Bar code verifier conformance specification – Part 2: Two-dimensional symbols.</i> Defines test methods and minimum accuracy criteria applicable to verifiers using the methodologies of ISO/IEC 15415 (published in South Africa under the designation SANS 15415) for multi-row bar code symbols and two-dimensional matrix symbologies, and specifies reference calibration standards against which these should be tested.
SANS 50116:2020 Ed 2	<i>Diesel and domestic heating fuels – Determination of cold filter plugging point – Stepwise cooling bath method.</i> Specifies a method for the determination of the cold filter plugging point (CFPP) of diesel and domestic heating fuels using automated test equipment.
SANS 52662:2020 Ed 2	<i>Liquid petroleum products – Determination of contamination in middle distillates, diesel fuels and fatty acid methyl esters.</i> Specifies a method for the determination of the content of undissolved substances, referred to as total contamination, in middle distillates, in diesel fuels containing up to 30 % (V/V) fatty acid methyl esters (FAME), and in neat FAME.
SANS 54105:2020 Ed 2	<i>Fat and oil derivatives – Fatty Acid Methyl Esters (FAME) – Determination of free and total glycerol and mono-, di-, triglyceride content.</i> Specifies a method to determine the free glycerol and residual mono-, di- and triglyceride contents in fatty acid methyl esters (FAME) intended for addition to mineral oils.
SANS 54112:2020 Ed 2	<i>Fat and oil derivatives – Fatty Acid Methyl Esters (FAME) – Determination of oxidation stability (accelerated oxidation test).</i> Specifies a method for the determination of the oxidation stability of fatty acid methyl esters (FAME) at 110 °C, by means of measuring the induction period up to 48 h.
SANS 60947-3:2020 Ed 4	<i>Low-voltage switchgear and controlgear – Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units.</i> Applies to switches, disconnectors, switch-disconnectors and fuse-combination units and their dedicated accessories to be used in distribution circuits and motor circuits of which the rated voltage does not exceed 1 000 V AC or 1 500 V DC.
SANS 61511-3:2020 Ed 2	<i>Functional safety – Safety instrumented systems for the process industry sector – Part 3: Guidance for the determination of the required safety integrity levels.</i> Provides information on the underlying concepts of risk, the relationship of risk to safety integrity, the determination of tolerable risk, and a number of different methods that enable the safety integrity levels for the safety instrumented functions to be determined.

**SCHEDULE B.2: AMENDED STANDARDS**

The following standards have been amended in terms of section 24(1)(a) of the Standards Act.

<b>Standard No. and year</b>	<b>Title, scope and purport</b>
SANS 815-2:2020 Ed 1.2	<i>Shoulder-ended and groove-ended pipe systems – Part 2: Groove-ended steel pipes, fittings and couplings. Consolidated edition incorporating amendment No.2.</i> Amended to update referenced standards, the requirements for forged steel couplings, and to delete the annex on notes to purchasers.
SANS 1327:2020 Ed 1.5	<i>Electrical connectors for towing and towed vehicles (7-pole connectors). Consolidated edition incorporating amendment No.5.</i> Amended to update referenced standards, and the figures on socket type 24N7 and on plug type 24N7.
SANS 10257:2020 Ed 1.3	<i>The reconditioning of valves for use with pipelines. Consolidated edition incorporating amendment No.3.</i> Amended to move the reference to legislation to the foreword, to delete the annex on notes to customers, and to update referenced standards.

**SCHEDULE B.3: WITHDRAWN STANDARDS**

In terms of section 24(1)(C) of the Standards Act, the following standards have been withdrawn.

<b>Standard No. and year</b>	<b>Title</b>

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.