

DEPARTMENT OF TRADE AND INDUSTRY

NOTICE 122 OF 2018

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 1781:2018 Ed 1	<i>Biological based treatment products.</i> Specifies characteristics and requirements for biologically based treatment products for bioremediation, bio-augmentation, and biodegradation. This document also covers product labelling and safety aspects when using bacteria and enzymes in biological treatment.	2018-04-25
SANS 721:2018 Ed 2	<i>Polypropylene (PP) pipes and pipe fittings for soil, waste and vent applications for above-ground use.</i> Covers polypropylene (PP) pipes (including vent pipes) and pipe fittings of nominal sizes 40 mm to 160 mm intended for above-ground non-pressure applications.	2018-04-24
SANS 967:2018 Ed 3	<i>Unplasticized poly(vinyl chloride) (PVC-U) soil, waste and vent pipes and pipe fittings.</i> Covers unplasticized polyvinyl chloride (uPVC) pipes (including vent pipes) and pipe fittings of nominal sizes 40-160 mm intended for above-ground non-pressure applications for the conveyance of soil and waste water where continuous temperatures in excess of 60 °C are not encountered. Covers fittings manufactured predominantly by the injection-moulding process, but does not cover fittings produced by fabrication only. Covers two methods of jointing.	2018-04-24
SANS 2231:2018 Ed 1	<i>Bactericidal efficacy of alcohol based products intended for general use.</i> Specifies a method to determine the bactericidal efficacy of alcohol based products intended for general use.	2018-04-25
SANS 17025:2018 Ed 3	<i>General requirements for the competence of testing and calibration laboratories.</i> Specifies the general requirements for the competence to carry out tests and/or calibrations, including sampling. It covers testing and calibration performed using standard methods, non-standard methods, and laboratory-developed methods. Applicable to all organizations performing tests and/or calibrations. These include, for example, first-, second- and third-party laboratories, and laboratories where testing and/or calibration forms part of inspection and product certification. This standard is applicable to all laboratories regardless of the number of personnel or the extent of the scope of testing and/or calibration activities.	2018-05-11
SANS 10134:2018 Ed 3	<i>Safety of private swimming pools.</i> Lays down responsibilities, principles, methods, and planning techniques for the protection of children from the hazards of swimming pools situated on private premises, and makes recommendations for the design and installation of typical protective devices that are intended to prevent a child from gaining access to a swimming pool.	2018-04-24
SANS 33004:2018 Ed 1	<i>Information technology - Process assessment - Requirements for process reference, process assessment and maturity models.</i> Sets out the requirements for process reference models, process assessment models, and maturity models	2018-04-26
SANS 50131-2:2018 Ed 2	<i>Ladders - Part 2: Requirements, testing, marking. Specifies the general design features, requirements and test methods for portable ladders.</i>	2018-04-25
SANS 62586-2:2018 Ed 1	<i>Power quality measurement in power supply systems - Part 2: Functional tests and uncertainty requirements.</i> Specifies functional tests and uncertainty requirements for instruments whose functions include measuring, recording, and possibly monitoring power quality parameters in power supply systems, and whose measuring methods (class A or class S) are defined in IEC 61000-4-30	2018-04-25

	(published in South Africa as an identical adoption under the designation SANS 61000-4-30).	
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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 164-2:2018 Ed 3.2	<i>Plug and socket-outlet systems for household and similar purposes for use in South Africa Part 2: Two-pole and earth and 2 pin (Class II), 16 A 250 V a.c. system.</i>	Amended to change the title of the standard, the foreword, the list of parts in the foreword.	2018-05-07
SANS 868-1-1:2018 Ed 1.1	<i>Compression-ignition engine systems and machines powered by such engine systems, for use in mines and plants with explosive gas atmospheres or explosive dust atmospheres or both Part 1-1: Hazardous locations in underground mines - Basic explosion protected engines</i>	Specifies constructional and performance requirements for basic explosion protected engines for use in hazardous locations in underground mines and works. It facilitates the repair of the engine as a specialized activity.	2018-05-02
SANS 10252-1:2018 Ed 3.2	<i>Water supply and drainage for buildings Part 1: Water supply installations for buildings.</i>	Amended to update the normative reference, definitions, materials, taps mixers and showers, stainless steel water heaters, storage containers, gate and butterfly valves, strainers, hot water delivery pressure, relief valve, drain pipes, table 9, table 13, maximum supply temperature, hot water piping, table 19, and table 20	2018-05-02

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 62771:2018 Ed 2	<i>High-voltage switchgear and controlgear Part 101: Synthetic testing</i>	The committee decided to withdraw the document as a national standard since is not used by local industries or in SA environment.	2018-05-31

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 60076-57-1202:2018 Ed 1	<i>Power transformers - Part 57-1202: Liquid immersed phase-shifting transformers.</i> Covers the requirements for phase-shifting transformers of all types.
SANS 61131-5:2018 Ed 1	<i>Programmable controllers - Part 5: Communications.</i> Specifies communication aspects of a programmable controller.

Standard No. and year	Title, scope and purport
SANS 61131-7:2018 Ed 1	<i>Programmable controllers - Part 7: Fuzzy control programming.</i> Defines a language for the programming of Fuzzy Control applications used by programmable controllers.
SANS 1604:2018 Ed 1	<i>Biologically enhanced cleaning and degreasing products.</i> Specifies the characteristics and requirements for biologically based cleaning and degreasing products. Covers biodegradation, product labelling, risks and advantages involved in using bacteria and enzymes in cleaning products.
SANS 60884-2-5:2018 Ed 2	<i>Plugs and socket-outlets for household and similar purposes Part 2-5: Particular requirements for adaptors.</i> Applies to adaptors for a.c. only with or without earthing contact, with a rated voltage greater than 50 V but not exceeding 440 V and a rated current not exceeding 32 A, intended for household and similar purposes, either indoors or outdoors.
SANS 61921:2018 Ed 2	<i>Power capacitors - Low-voltage power factor correction banks. Applies to low-voltage AC shunt capacitor banks intended to be used for power factor correction purposes, possibly equipped with a built-in switchgear and controlgear apparatus capable of connecting to or disconnecting from the mains part(s) of the bank with the aim to correct its power factor.</i>
SANS 62271-1:2018 Ed 2	<i>High-voltage switchgear and controlgear Part 1: Common specifications for alternating current switchgear and controlgear.</i> Applies to AC switchgear and controlgear designed for indoor and/or outdoor installation and for operation at service frequencies up to and including 60 Hz and having rated voltages above 1 000 V.
SANS 20007:2018 Ed 4	<i>Uniform provisions concerning the approval of front and rear position lamps, stop-lamps and end-outline marker lamps for motor vehicles (except motor cycles) and their trailers.</i> Applies to a) front and rear position (side) lamps and stop lamps for vehicles of categories L, M, N, O and T, and b) end-outline marker lamps for vehicles of categories M, N, O and T.
SANS 14004:2018 Ed 3	<i>Environmental management systems - General guidelines on implementation.</i> Provides guidance for an organization on the establishment, implementation, maintenance and improvement of a robust, credible and reliable environmental management system.

SCHEDULE B.2: AMENDMENT/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 545:2018 Ed 3.6	<i>Wooden doors. Consolidated edition incorporating amendment No.6.</i> Amended to update referenced standards, table on exposure class, performance requirements for different types of doors, the clause on inspection and the appendix on coding of door markings.
SANS 1326:2018 Ed 1.4	<i>Sodium lauryl ether sulphate. Consolidated edition incorporating amendment No.4.</i> Amended to delete reference to the standardization mark scheme, and the footnotes on reagents.
SANS 556-1:2018 Ed 1.2	<i>Low-voltage switchgear Part 1: Circuit-breakers. Consolidated edition incorporating amendment No.2: Amended to update the list of parts in the foreword, referenced standards, and requirements.</i>
SANS 556-2-1:2018 Ed 1.1	<i>Low-voltage switchgear Part 2-1: Earth leakage circuit-breakers. Consolidated edition incorporating amendment No.1.</i> Amended to update the list of parts in the foreword, and to update referenced standards.
SANS 556-2-3:2018 Ed 1.1	<i>Low-voltage switchgear Part 2-3: Modular earth leakage devices (without integral current breaking). Consolidated edition incorporating amendment No.1.</i> Amended to update the list of parts in the foreword and referenced standards.
SANS 60335-2-9:2018 Ed 4.2	<i>Household and similar electrical appliances - Safety Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances. Consolidated edition incorporating amendment No.2.</i> Amended to update referenced standards, the heading for the terms and definitions clause, the requirements for general conditions for the tests, marking and instructions, protection against access to live parts, heating requirements, abnormal operation, and mechanical strength.
SANS 60335-2-15:2018 Ed 4.1	<i>Household and similar electrical appliances - Safety Part 2-15: Particular requirements for appliances for heating liquids. Consolidated edition incorporating amendment No.1.</i> Amended to update the scope, terms and definitions, marking and instructions, the requirements for power input and current, heating, moisture resistance, abnormal operation, and construction.

Standard No. and year	Title, scope and purport
SANS 10148:2018 E d 1.2	<i>The installation and operation of cable cranes and aerial rope-ways. Consolidated edition incorporating amendment No.2.</i> Amended to update the introduction, to change "code of practice" to "standard", to update the clause on requirements and to renumber the subclauses accordingly, to move reference to legislation and reference to an international organisation to the foreword, to delete the notes on secondary limit switches in order to incorporate the information previously contained in the notes into the text and to renumber the subclauses accordingly, to update the clause on sockets, cappelles and clamps and to renumber the subclauses accordingly, and to update the requirements for training, operation and maintenance.

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

SCHEDULE B.4: ESTABLISHMENT OR DISBANDMENT OF TECHNICAL COMMITTEES

In terms of section 4(2) (1) the South African Bureau of Standards has established/disbanded the following technical committees:

Technical 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: ADDRESSES OF THE SOUTH AFRICAN BUREAU OF STANDARDS OFFICES

The addresses of offices of the South African Bureau of Standards where copies of the standards mentioned in this notice can be obtained, are as follows:

1. Gauteng Head Office, 1 Dr Lategan Road, Groenkloof, Private Bag X191, Pretoria 0001.
2. Western Cape Regional Office, SABS, Liesbeek Park Way, Rosebank, PO Box 615, Rondebosch 7701.
3. Eastern Cape Regional Office, SABS, 30 Kipling Road, cor. Diaz and Kipling Roads, Port Elizabeth, PO Box 3013, North End 6056.
4. KwaZulu-Natal Regional Office, SABS, 15 Garth Road, Waterfall Park, Durban, PO Box 30087, Mayville 4058.