

## DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

## NOTICE 490 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 61400-25-1 Ed 2	<i>Wind energy generation systems - Part 25-1: Communications for monitoring and control of wind power plants - Overall description of principles and models.</i> This part of IEC 61400-25 gives an overall description of the principles and models used in IEC 61400-25 (all parts)	2020-10-20
SANS 61400-25-2 Ed 2	<i>Wind turbines Part 25-2: Communications for monitoring and control of wind power plants - Information models.</i> Specifies the information model of devices and functions related to wind power plant applications.	2020-10-20
SANS 8528-8 Ed 2	<i>Reciprocating internal combustion engine driven alternating current generating sets Part 8: Requirements and tests for low-power generating sets.</i> Specifies requirements, minimum performances and type tests for low-power generating sets driven by reciprocating internal combustion engines for land and marine use (domestic, recreational and industrial application), excluding generating sets used on aircraft.	2020-10-20
SATR 19057 Ed 1	<i>Nanotechnologies - Use and application of acellular in vitro tests and methodologies to assess nanomaterial biodegradability.</i> Reviews the use and application of acellular in vitro tests and methodologies implemented in the assessment of the biodegradability of nanomaterials and their ligands in simulated biological and environmental media.	2020-10-19
SANS 6110 Ed 2	<i>Accumulated impact strength of ladies' shoe heels of height greater than 25 mm.</i> Specifies a method for the determination of accumulated impact strength of ladies shoe heels of height greater than 25 mm.	2020-10-19
SANS 4731 Ed 1	<i>Essential Oil of geranium (Pelargonium x spp.).</i> Specifies certain characteristics of essential oil of geranium (Pelargonium x spp.) coming from different Pelargonium species commonly known as Pelargonium graveolens, in order to facilitate assessment of its quality.	2020-10-19
SANS 21149 Ed 2	<i>Cosmetics - Microbiology - Enumeration and detection of aerobic mesophilic bacteria.</i> This document gives general guidelines for enumeration and detection of aerobic mesophilic bacteria present in cosmetics by counting the colonies on agar medium after aerobic incubation, or by checking the absence of bacterial growth after enrichment	2020-10-19
SANS 10386 Ed 2	The care and use of animals for scientific purposes. <i>Encompasses all aspects of the care and use of, or interaction with, animals for scientific purposes in medicine, biology, agriculture, veterinary and other animal sciences, as well as industry and teaching studies in South Africa. It includes animal use in research, teaching, field trials, product testing, diagnosis, the production of biological substances and environmental studies.</i>	2020-10-19
SANS 50901 Ed 2	<i>Chemicals used for treatment of water intended for human consumption - Sodium hypochlorite.</i> This document describes the characteristics of sodium hypochlorite and specifies requirements and the corresponding test methods for sodium hypochlorite. Also gives information to safe handling of the chemical.	2020-10-19
SANS 50902 Ed 2	<i>Chemicals used for treatment of water intended for human consumption - Hydrogen peroxide.</i> This document describes the characteristics of Hydrogen peroxide and specifies the requirements and the corresponding test methods for hydrogen	2020-10-19

	peroxide. It gives information on its use in water treatment and rules relating to safe handling of the chemical.	
SANS 9308-2 Ed 2	<i>Water quality - Enumeration of Escherichia coli and coliform bacteria - Part 2: Most probable number method.</i> Specifies a method for the enumeration of E.coli and coliform bacteria in water, based on the growth of the target organism in liquid medium and calculation of Most probable number (MPN) by reference to MPN tables. The method can be applied to all types of water.	2020-10-19
SANS 10260-1 Ed 2	<i>Industrial gas pipelines Part 1: Design, Construction, Installation, Operation, Examination and Maintenance (Excluding Acetylene).</i> Gives the minimum safety standards for the design, construction, installation, operation, examination and maintenance of industrial gas supply systems and associated distribution systems of up to 80mm nominal bore.	2010-10-19
SANS 60282-1 Ed 5	<i>High-voltage fuses Part 1: Current-limiting fuses.</i> Applies to all types of high-voltage current-limiting fuses designed for use outdoors or indoors on alternating current systems of 50 Hz and 60 Hz and of rated voltages exceeding 1 000 V.	2020-10-18
SANS 60947-1 Ed 6	<i>Low-voltage switchgear and controlgear Part 1: General rules.</i> Applies, when required by the relevant product standard, to switchgear and controlgear hereinafter referred to as "equipment" and intended to be connected to circuits, the rated voltage of which does not exceed 1 000 V a.c. or 1 500 V d.c.	2020-10-18
SANS 60947-3 Ed 4	<i>Low-voltage switchgear and controlgear Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units.</i> This part of IEC 60947 applies to switches, disconnectors, switch-disconnectors and fusecombination 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 D	2020-10-18
SANS 30042 Ed 2	<i>Systems to manage terminology, knowledge, and content - TermBase eXchange (TBX).</i> Explains fundamental concepts and describes the metamodel, data categories, and XML styles: DCA (Data Category as Attribute) and DCT (Data Category as Tag).	2020-10-27

#### 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 1825 Ed 1.4	<i>Gas cylinder test stations - General requirements for periodic inspection and testing of transportable refillable gas pressure receptacles.</i>	. Amended to update scope, to correct referenced to sub clauses in annex D, to correct spelling errors in clause 5, to correct the conversion factors in annex G.2, to update referenced standards, to update Table for frequency of inspections and tests (Table 1) and to correct the requirements for corrosion protection, to add a note, to add reference to annex G in the note and to update a heading. Amended to move reference to legislation from the text to the foreword and to remove reference to USA Department of transportation. Amended to add requirements of the procedure for hydrostatic test.	2020-10-19
SANS 60238 Ed 5.2	<i>Edison screw lampholders.</i>	Amended to delete the alternative depth indentation method described for the calculation of the indentation diameter, and to update the creepage distances for the purpose of insulation coordination.	2020-10-18
SANS 60947-2 Ed 5.10	<i>Low-voltage switchgear and controlgear Part 2: Circuit-breakers.</i>	Amended to update the scope and reference standards, to update requirements for product information, constructional and performance and tests, to update requirements for an annex on co-ordination between a circuit-breaker and another short-circuit protective device	2020-10-18

		associated in the same circuit, circuit-breakers incorporating residual current protection, additional requirements for circuit-breakers intended for connection of aluminium conductors, test sequence for circuit-breakers for IT systems, electromagnetic compatibility (EMC) - Requirements and test methods for circuit-breakers, an annex on glossary of symbols and graphical representation of characteristics, circuit-breakers not fulfilling the requirements for overcurrent protection, modular residual current devices (without integral current breaking device), electromagnetic compatibility (EMC) - Additional requirements and test, instantaneous trip circuit-breakers (ICB), DC circuit-breakers for use in photovoltaic (PV) applications and circuit-breakers incorporating residual current protection with automatic re-closing functions.	
SANS 1777 Ed 1.5	<i>Photoelectric control units for lighting (PECUs).</i>	. Amended to update the scope, normative references and definitions, to update the clauses on requirements and on methods of tests, and to delete the annex on notes to purchasers.	2020-10-18
SANS 62386-102 Ed 2.1	<i>Digital addressable lighting interface Part 102: General requirements - Control gear.</i>	Amended to update the definitions, the clause on method of operation, to delete figures 6-10 (fading levels), and tables 9-103 (parameters for test sequence).	2020-10-18
SANS 62386-103 Ed 1.1	<i>Digital addressable lighting interface - Part 103: General requirements-Control devices.</i>	Amended to update method of operation, definition of command.	2020-10-18

## 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

## 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 23-3:2020 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.
SANS 52:2020 Ed 2	<i>Solid mineral fuels - Determination of phosphorus content - Reduced molybdophosphate photometric method.</i> Specifies a reduced molybdophosphate photometric method for the determination of the total phosphorus content of hard coal, lignites and coke.
SANS 5074:2020 Ed 2	<i>Hard coal - Determination of Hardgrove grindability index.</i> Specifies the method for determining the grindability index of hard coal using the Hardgrove machine.

**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 515:2020 Ed 3.2	<i>Decorative paint for interior use. Consolidated edition incorporating amendment No.2.</i> Amended to update referenced standards, and to delete the annex on notes to purchasers.
SANS 10398:2020 Ed 1.1	<i>Cosmetic cellulite products. Consolidated edition incorporating amendment No.1.</i> Amended to update referenced standards, and the sub-clause on labelling and advertising claims.

**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](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.