

## DEPARTMENT OF TRADE AND INDUSTRY

## NOTICE 473 OF 2019

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 14520-1 Ed 3	<i>Gaseous fire-extinguishing systems - Physical properties and system design Part 1: General requirements.</i> Specifies requirements and gives recommendations for the design, installation, testing, maintenance and safety of gaseous fire fighting systems in buildings, plants or other structures, and the characteristics of the various extinguishants and types of fire for which they are a suitable extinguising medium	2019-10-22
SANS 14520-11 Ed 3	<i>Gaseous fire-extinguishing systems - Physical properties and system design - Part 11: HFC 236fa extinguishant.</i> Gives specific requirements for gaseous fire-extinguishing systems, with respect to the HFC 236fa extinguishant.	2019-10-22
SANS 14520-10 Ed 3	<i>Gaseous fire-extinguishing systems - Physical properties and system design Part 10: HFC 23 extinguishant.</i> Contains specific requirements for gaseous fire-extinguishing systems with respect to the HFC 23 extinguishant.	2019-10-22
SANS 14520-8 Ed 3	<i>Gaseous fire-extinguishing systems - Physical properties and system design Part 8: HCF 125 extinguishant.</i> Gives specific requirements for gaseous fire-extinguishing systems, with respect to the HFC 125 extinguishant.	2019-10-22
SANS 14520-5 Ed 2	<i>Gaseous fire-extinguishing systems - Physical properties and system design Part 5: FK-5-1-12 extinguishant.</i> Contains specific requirements for gaseous fire-extinguishing systems, with respect to FK-5-1-12 extinguishant.	2019-10-22
SANS 14520-15 Ed 3	<i>Gaseous fire-extinguishing systems - Physical properties and system design Part 15: IG-541 extinguishant.</i> Contains specific requirements for gaseous fire-extinguishing systems, with respect to the IG-541 extinguishant.	2019-10-22
SANS 14520-12 Ed 3	<i>Gaseous fire-extinguishing systems - Physical properties and system design Part 12: IG-01 extinguishant.</i> Contains specific requirements for gaseous fire-extinguishing systems with respect to the IG-01 extinguishant.	2019-10-22
SANS 14520-13 Ed 3	<i>Gaseous fire-extinguishing systems - Physical properties and system design Part 13: IG-100 extinguishant.</i> Gives specific requirements for gaseous fire-extinguishing systems with respect to the IG-100 extinguishant.	2019-10-22
SANS 12039 Ed 1	<i>Stationary source emissions - Determination of carbon monoxide, carbon dioxide and oxygen - Performance characteristics and calibration of automated measuring systems.</i> This standard specifies the principles, the essential performance characteristics and the calibration of automated systems for measuring carbon dioxide, carbon monoxide and oxygen in the flues of stationary sources. This standard specifies extractive and non-extractive systems in connection with several types of instrumental analysers.	2019-10-22
SANS 10780 Ed 1	<i>Stationary source emissions - Measurement of velocity and volume flowrate of gas streams in ducts.</i> Specifies the use of two types of Pitot tubes, type L and type S, for determining the velocity and the volume flowrate, and recommends sampling conditions for which each type of Pitot tube is preferred.	2019-10-22

SANS 50455-3 Ed 1	<i>Medical gloves for single use Part 3: Requirements and testing for biological evaluation.</i> Specifies requirements for the evaluation of biological safety for medical gloves for single use. It gives requirements for labelling and the disclosure of information relevant to the test methods used.	2019-10-21
SANS 12141 Ed 1	<i>Stationary source emissions -- Determination of mass concentration of particulate matter (dust) at low concentrations -- Manual gravimetric method.</i> Describes a reference method for the measurement of low dust content in ducted gaseous streams at concentrations below 50 mg/m <sup>3</sup> under standard conditions. This method has been validated with special emphasis on the region around 5 mg/m <sup>3</sup> .	2019-10-22
SANS 14164 Ed 1	<i>Stationary source emissions - Determination of the volume flowrate of gas streams in ducts -- Automated method.</i> Defines the operating principles and performance characteristics of automated flow-measuring systems to determine the volume of flowrate in the ducts of stationary sources. NOTE:- Commercial systems that use the operating principles described and meet the requirements of this International Standard are readily available.	2019-10-22
SANS 50455-1 Ed 1	<i>Medical gloves for single use - Part 1: Requirements and testing for freedom from holes.</i> Specifies requirements and gives the test method for medical gloves for single use in order to determine freedom from holes.	2019-10-28
SANS 50455-2 Ed 1	<i>Medical gloves for single use Part 2 - Requirements and testing for physical properties.</i> Specifies requirements and gives test methods for physical properties of single-use medical gloves (i.e. surgical gloves and examination/procedure gloves) in order to ensure that they provide and maintain in use an adequate level of protection from cross contamination for both patient and user.	2019-10-28
SANS 61724-1 Ed 1	<i>Photovoltaic system performance - Part 1: Monitoring.</i> Defines the classes of photovoltaic (PV) performance monitoring systems.	2019-10-15

### 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 543 Ed 5.1	<i>Fire hose reels (with semi-rigid hose).</i>	Amended to update referenced standards.	2019-10-22
SANS 1825 Ed 4.1	<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.	2019-10-21
SANS 448 Ed 1.1	<i>Ethanol gel for gel burning appliances</i>	Amended to update the title of the standard, the scope of the standard, referenced standards and definitions, to move reference to a national department to the foreword, and to update the subclauses on performance, and marking.	2019-10-29
SANS 1294 Ed 2.2	<i>Precast concrete manhole sections and components.</i>	Amended to update the requirements for materials and steps.	2019-10-15

SANS 97 Ed 7.3	<i>Electric cables - Impregnated paper-insulated metal-sheathed cables for rated voltages 3,3/3,3 kV to 19/33 kV (excluding pressure assisted cables).</i>	Amended to renumber tables and to change the requirements of sub-clause 5.3 conditions of test and range of approval and to change table 5 - range of approval.	2019-10-15
SANS 1619 Ed 2.5	<i>Small power distribution units (ready-boards) for single-phase 230 V service connections.</i>	Amended to update the requirements to fire-resistance test..	2019-10-14
SANS 507-1 Ed 1.1	<i>Electricity distribution - Guidelines for the provision of electricity distribution networks in residential areas Part 1: Planning and design of distribution networks</i>	Amended to change the designation from "NRS 034-1" to "SANS 507-1", to move reference to organization to the foreword, to update the note to the scope, the clause on planning and design, and referenced standards.	2019-10-14
SANS 10219-3 Ed 2.1	<i>The determination of performance (at net power) of industrial internal combustion engines Part 3: Test measurements</i>	Amended to update referenced standards.	

## 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 18890:2019 Ed 1	<i>Clothing - Standard method of garment measurement.</i> Defines the main measurement points and describes the method used to measure garment dimensions.
SATS 22002-3:2019 Ed 1	<i>Prerequisite programmes on food safety - Part 3: Farming.</i> Specifies the requirements and guidelines of prerequisite programmes (PRPs) that maintain a hygienic environment and assist in controlling food safety hazards in the food chain, specifically farming (individual farms or groups of farms).

### 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 940:2019 Ed 2.2	<i>Emulsion roof paint. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards, and to delete the note to the sub-clause on material.

SANS 1423-1:2019 Ed 1.2	<i>Performance requirements for textile fabrics of low flammability Part 1: Apparel fabrics. Consolidated edition incorporating amendment No. 2. Amended to update referenced standards, and to delete the footnote on cleaning treatment.</i>
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**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: REINSTATEMENT OF WITHDRAWN STANDARD**

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

Draft Standard No. and Edition	Title	Scope of amendment	Reason

**SCHEDULE B.5: ESTABLISHMENT OF TECHNICAL COMMITTEES**

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

Technical Committee No.:	Title	Scope

**SCHEDULE B.6: DISBANDMENT OF TECHNICAL COMMITTEES**

In terms of section 4(2) (1) the South African Bureau of Standards has 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](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.