

## DEPARTMENT OF TRADE AND INDUSTRY

## NOTICE 660 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 51824 Ed 1	<i>Road Marking Materials - Road Trials.</i> Specifies the requirements for conducting road trials for road marking materials intended for use in both permanent and temporary road marking.	2020-01-29
SANS 53284-1 Ed 1	<i>Stationary source emissions. Determination of low range mass concentration of dust - Part 1 Manual gravimetric method.</i> Specifies the standard reference method (SRM) for the measurement of low dust concentration in duct gaseous streams in the concentrations below 50 mg/m <sup>3</sup> at standard conditions.	2020-01-29
SANS 23210 Ed 1	<i>Stationary source emissions -- Determination of PM10/PM2,5 mass concentration in flue gas -- Measurement at low concentrations by use of impactors.</i> Specifies a standard reference method for the determination of PM10 and PM2,5 mass concentrations at stationary emission sources by use of two-stage impactors. The measurement method is especially suitable for measurements of mass concentrations below 40 mg/m <sup>3</sup> as half-hourly averages in standard conditions (273 K, 1 013 hPa, dry gas)	2020-01-29
SANS 11607-1 Ed 2	<i>Packaging for terminally sterilized medical devices Part 1: Requirements for materials, sterile barrier systems and packaging systems.</i> Specifies the requirements and test methods for materials, preformed sterile barrier systems, sterile barrier systems and packaging systems that are intended to maintain sterility of terminally sterilized medical devices until the point of use.	2020-02-03
SANS 11607-2 Ed 2	<i>Packaging for terminally sterilized medical devices Part 2: Validation requirements for forming, sealing and assembly processes.</i> Specifies the requirements for development and validation of processes for packaging medical devices that are terminally sterilized. These processes include forming, sealing, and assembly of preformed sterile barrier systems, sterile barrier systems and packaging systems.	2020-02-03
SANS 54791 Ed 1	<i>Stationary source emissions. Determination of mass concentration of sulphur oxides.</i> Specifies the standard reference method (SRM) for the determination of the sulphuric oxide SO <sub>2</sub> in flue gases emitted to the atmosphere from ducts and stacks.	2020-01-29
SANS 20696 Ed 1	<i>Sterile Urethral Catheters for Single Use.</i> Specifies requirements and test methods for sterile urethral catheters for single use, with or without a balloon.	2020-02-03

**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 10086-1 Ed 4.2	<i>The installation, inspection and maintenance of equipment used in explosive atmospheres Part 1: Installations including surface installations on mines</i>	Amended to update referenced standards.	2020-01-28

**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

**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
SATR 61131-8:2019 Ed 1	<i>Programmable controllers - Part 8: Guidelines for the application and implementation of programming languages.</i> Applies to the programming of programmable controller systems using the programming languages defined in IEC 61131-3.
SANS 10780:2019 Ed 1	<i>Stationary source emissions - Measurement of velocity and volume flowrate of gas streams in ducts.</i> Specifies manual methods for determining the velocity and volume flowrate of gas streams in ducts, stacks and chimneys vented to the atmosphere.
SANS 12039:2019 Ed 1	<i>Stationary source emissions - Determination of carbon monoxide, carbon dioxide and oxygen - Performance characteristics and calibration of automated measuring systems.</i> 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.
SANS 12141:2019 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.
SANS 14164:2019 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 for stationary sources.
SANS 60137:2019 Ed 4	<i>Insulated bushings for alternating voltages above 1 000 V.</i> Specifies the characteristics and tests for insulated bushings.
SANS 61058-2-5:2019 Ed 3	<i>Switches for appliances Part 2-5: Particular requirements for change-over selectors.</i> Applies to change-over selectors (mechanical or electronic) for appliances actuated by hand, by foot or by other human activity, to operate or control electrical appliances and other equipment for household or similar purposes with a rated voltage not exceeding 480 V and a rated current not exceeding 63 A.

Standard No. and year	Title, scope and purport
SANS 13909-6:2019 Ed 2	<i>Hard coal and coke - Mechanical sampling Part 6: Coke - Preparation of test samples.</i> Describes the preparation of samples of coke from the combination of primary increments to the preparation of samples for specific tests.
SANS 61724-1:2019 Ed 1	<i>Photovoltaic system performance - Part 1: Monitoring.</i> Defines the classes of photovoltaic (PV) performance monitoring systems.
SANS 215:2019 Ed 5	<i>Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment.</i> Applies to the emission (radiated and conducted) of radiofrequency disturbances from lighting equipment; the lighting part of multi-function equipment where this lighting part is a primary function; UV and IR radiation equipment for residential and non-industrial applications; advertising signs; decorative lighting; emergency signs.
SANS 225:2019 Ed 3	<i>Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of on-board receivers.</i> Contains limits and procedures for the measurement of radio disturbances in the frequency range of 150 kHz to 2 500 MHz.

## 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 406:2019 Ed 1.1	<i>Coal and coke - Analysis and testing - Determination of trace elements - Guide to the determination of trace elements. Consolidated edition incorporating amendment No.1.</i> Amended to update referenced standards.
SANS 5859:2019 Ed 3.1	<i>Pesticides - Biological efficacy of soil insecticides. Consolidated edition incorporating amendment No.1.</i> Amended to remove reference to a national department to the foreword.
SANS 60320-3:2019 Ed 1.1	<i>Appliance couplers for household and similar general purposes Part 3: Standard sheets and gauges. Consolidated edition incorporating amendment No.1.</i> Amended to update referenced standards, general requirements, requirements to gauges, and the standard sheets.
SANS 62196-2:2019 Ed 2	<i>Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories. Consolidated edition incorporating amendment No.2.</i> Amended to indicate the preferred configuration types for use in South Africa.
SANS 62196-3:2019 Ed 1	<i>Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles Part 3: Dimensional compatibility and interchangeability requirements for d.c. and a.c./d.c. pin and contact-tube vehicle couplers. Consolidated edition incorporating amendment No.1.</i> Amended to update the preferred configuration types for use in South Africa.
SANS 10219-1:2019 Ed 2.1	<i>The determination of performance (at net power) of industrial internal combustion engines Part 1: Standard reference conditions and declarations of power, fuel consumption and lubricating oil consumption. Consolidated edition incorporating amendment No.1.</i> Amended 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.

Standard No. and year	Title
SANS 60044-7:1999	<i>Instrument transformers Part 7: Electronic voltage transformers.</i>
SANS 60044-8:2004	<i>Instrument transformers Part 8: Electronic current transformers.</i>

**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:

<b>Draft Standard No. and Edition</b>	<b>Title</b>	<b>Scope of amendment</b>	<b>Reason</b>
SANS 1398	<i>Road tank vehicles for petroleum-based flammable liquids</i>	Covers the requirements for tank vehicles intended for use on public roads for transportation, at temperatures below their boiling point, of normally stable petroleum-based flammable liquids which are classified in SABS 0228-1 as Class I and Class II liquids.	

**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:

<b>Technical Committee No.:</b>	<b>Title</b>	<b>Scope</b>

**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:

<b>Technical Committee No.:</b>	<b>Title</b>	<b>Scope</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.