

## DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

## NOTICE 657 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 60079-1 Ed 5	<i>Explosive atmospheres Part 1: Equipment protection by flameproof enclosures "d"</i> . Contains specific requirements for the construction and testing of electrical equipment with the type of protection flameproof enclosure "d", intended for use in explosive gas atmospheres.	2021-01-05
SANS 60079-2 Ed 4	<i>Explosive atmospheres Part 2: Equipment protection by pressurized enclosure "p"</i> . Contains the specific requirements for the construction and testing of electrical equipment with pressurized enclosures, of type "p", intended for use in explosive gas atmospheres or explosive dust atmospheres. Also includes the requirements for pressurized enclosures containing a limited release of a flammable substance..	2020-01-05
SANS 2001-EJ Ed 1	<i>Construction works: Part EJ: Joinery</i> . Establishes construction requirements for joinery in buildings.	2021-01-05
SANS 427 Ed 2	<i>Terminology work and terminology science – Vocabulary</i> . Establishes basic terms and definitions for terminology work and terminology science, does not include terms and definitions that are specific to computer applications in terminology work.	2020-12-22
SABS NATIONAL NORM Ed 2	<i>National Norm for the development of South African National Standards</i> .	2021-01-04
SANS 54105 Ed 1	<i>Fat and oil derivatives - Fatty Acid Methyl Esters (FAME) - Determination of free and total glycerol and mono-, di-, triglyceride content (Reference method)</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. The total glycerol content is then calculated from the obtained results.	2020-11-17
SANS 6118 Ed 2	<i>Spigot holding strength of ladies' plastics moulded heel top-pieces</i> . Test method to determine spigot holding strength of ladies' plastics moulded heel top pieces.	2021-01-06
SANS 61547 Ed 3	<i>Equipment for general lighting purposes - EMC immunity requirements</i> . Applies to lighting equipment such as lamps, auxiliaries and luminaires, intended either for connecting to a low voltage electricity supply or for battery operation.	2020-12-28
SANS 60095-7 Ed 1	<i>Lead-acid starter batteries - Part 7: General requirements and methods of test for motorcycle batteries</i> . This document is applicable to lead-acid batteries used primarily as a power source for the starting of internal combustion engines, lighting and ignition (SLI) of motorcycles and other power sport vehicles. The nominal voltage is 12 V or 6 V. Test definitions and criteria in this document are for batteries with a nominal voltage of 12 V only. For batteries with a nominal voltage of 6 V, all voltages have to be divided by two. The other power sports vehicles covered in this document are snowmobiles, personal water crafts and all-terrain vehicles. This document is not applicable to batteries for other purposes, such as the back-up power sources, auxiliary equipment of internal combustion engine vehicles and e-bikes. This document specifies: general requirements; size, essential functional characteristics, relevant test methods and results required.	2020-12-28
SANS 21508 Ed 1	<i>Earned value management in project and programme management</i> . Provides guidance for practices of earned value management in project and programme management.	2020-12-28

SANS 62442-3 Ed 2	<i>Energy performance of lamp controlgear Part 3: Controlgear for halogen lamps and LED modules - Method of measurement to determine the efficiency of the controlgear.</i> Defines a measurement method for the power losses of magnetic transformers and the power losses with the standby power of electronic convertor for halogen lamps and LED modules.	2020-12-28
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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 10232-3 Ed 3.2	<i>Transport of dangerous goods - Emergency information systems Part 3: Emergency response guides</i>	Amended to update the forward, referenced standards and definitions and abbreviations, to update the clause on requirements, to update the annex on emergency response guidebook, and to delete the annex on incident report format.	2020-12-20
SANS 802 Ed 2.6	<i>Bituminous aluminium paint.</i>	Amended to update the requirements for spraying properties, and the applicable standards.	2020-12-20
SANS 60335-2-49 Ed 4.2	<i>Household and similar electrical appliances - Safety Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm.</i>	Amended to modify the title, scope, normative reference, Terms and definitions, Classification, Power input and current, Heating, Leakage current and electric strength at operating temperature, Moisture resistance, Leakage current and electric strength, Abnormal operation, Construction, Supply connection and external flexible cords, Screws and connections, add annex P on Guidance for the application of this standard to appliances used in tropical climates.	2020-12-28
SANS 164-0 Ed 1.8	<i>Plug and socket-outlet systems for household and similar purposes for use in South Africa - Part 0: General requirements.</i>	Amended to update the list of parts, and the clause on requirements.	2020-12-28

## 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 19057:2020 Ed 1	<i>Nanotechnologies - Use and application of acellular in vitro tests and methodologies to assess nanomaterial biodurability.</i> Reviews the use and application of acellular in vitro tests and methodologies implemented in the assessment of the biodurability of nanomaterials and their ligands in simulated biological and environmental media.
SANS 57034:2020 Ed 1	<i>Chemicals used for treatment of water intended for human consumption - Aluminium chloride anhydrous, aluminium chloride basic, dialuminium chloride pentahydroxide and aluminium chloride hydroxide sulfate.</i> Describes the characteristics and specifies the requirements of aluminium chloride basic, polyaluminium chloride hydroxide and polyaluminium chloride hydroxide sulfate and refers to the corresponding analytical methods, and gives information for their use in water treatment.

Standard No. and year	Title, scope and purport
SANS 21149:2020 Ed 2	<i>Cosmetics - Microbiology - Enumeration and detection of aerobic mesophilic bacteria.</i> 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.
SANS 60079-29-1:2020 Ed 2	<i>Explosive atmospheres Part 29-1: Gas detectors - Performance requirements of detectors for flammable gases.</i> Specifies general requirements for construction, testing and performance, and describes the test methods that apply to portable, transportable and fixed apparatus for the detection and measurement of flammable gas or vapour concentrations with air. The apparatus, or parts thereof, are intended for use in potentially explosive atmospheres and in mines susceptible to firedamp.

## 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 1255:2020 Ed 2.2	Oven cleaner and grease remover. <i>Consolidated edition incorporating amendment No.2.</i> Amended to update the clauses on requirements and on packing and marking, and to delete the annex on notes to purchasers.
ARP 006:2020 Ed 2.1	<i>A guide to health hazards and personal protection in the paint industry. Consolidated edition incorporating amendment No.1.</i> Amended to update referenced standards and the annex on example of material safety data sheet.
SANS 61184:2020 Ed 4.1	<i>Bayonet lampholders. Consolidated edition incorporating amendment No.1.</i> Amended to delete alternative calculation option described for the calculation of the depth indentation method, and to update information on non tracking materials for application with ELV(extra low voltage).
SANS 62052-21:2020 Ed 1.1	<i>Electricity metering equipment (a.c.) - General requirements, tests and test conditions - Part 21: Tariff and load control equipment. Consolidated edition incorporating amendment No.1.</i> Amended to update the scope, referenced standards and terms and definitions, to update the clauses on mechanical requirements and tests, climatic conditions, requirements and tests and on electrical requirements and tests, and to update the annexes on relationship between ambient air temperature and relative humidity, test schedule and acceptance tests.

## 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.