

**DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION****NOTICE 1318 OF 2022****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.

<b>Draft Standard No. and Edition</b>	<b>Title, scope and purport</b>	<b>Closing Date</b>
SANS 12402-4 Ed 2	<i>Personal flotation devices - Part 4: Lifejackets, performance level 100 - Safety requirements.</i> Specifies the safety requirements for lifejackets, performance level 100.	2022-11-13
SANS 12402-6 Ed 2	<i>Personal flotation devices - Part 6: Special purpose lifejackets and buoyancy aids - Safety requirements and additional test methods.</i> Specifies the safety requirements and additional test methods for special application lifejackets and buoyancy aids (hereafter named PFD) for adults, children or infants	2022-11-13
SANS 10108 Ed 7	<i>The classification of hazardous locations and the selection of equipment for use in such locations.</i> Covers the classification of surface and underground locations in which fires or explosions can occur owing to the presence of flammable gases, vapours or mists, dusts, fibres or flyings in the air, in order to permit the proper selection of electrical equipment and mechanical equipment, such as compression ignition engines (diesel engines), to be used in such locations.	2022-11-17
SANS 60079-32-2 Ed 1	<i>Explosive atmospheres - Part 32-2: Electrostatics hazards – Tests.</i> Describes test methods concerning the equipment, product and process properties necessary to avoid ignition and electrostatic shock hazards arising from static electricity.	2022-11-17
SANS 10237 Ed 2	<i>The design, testing and installation of self-supporting metal cladding.</i> Covers the requirements for the design, testing and installation of self-supporting longitudinally profiled sheet metal cladding systems for the external cladding of roofs and sides of buildings, spanning at least 600 mm between supports.	2022-11-17

**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.

<b>Draft Standard No. and Edition</b>	<b>Title</b>	<b>Scope of amendment</b>	<b>Closing Date</b>
SANS 1600 Ed 2.1	<i>Permitted electric detonators.</i>	Amended to update the type requirements for permitted electric detonators, to update the requirements for the leading wires of permitted detonators, to update the requirements for delay time and probability of overlap and to delete the annex on notes to purchasers.	2022-11-10
SANS 60079-6 Ed 4.1	<i>Explosive atmospheres - Part 6: Equipment protection by liquid immersion "o".</i>	Amended to update the scope, referenced standards, terms and definitions, and the annex on supplementary requirements for electrical equipment with Level of Protection "oc" for voltages greater than 15 kV and up to and including 245 kV.	2022-11-17

SANS 1341 Ed 1.4	<i>Detergent for high-pressure cleaning (hot and steam cleaning).</i>	Amended to delete notes to purchasers.	2022-11-13
SANS 8840 Ed 1.1	<i>Non woven wound dressings.</i>	Amended to delete notes to purchasers.	2022-11-13
SANS 953-2 Ed 1.3	<i>Storage of firearms and ammunition - Part 2: Strongrooms.</i>	Amended to delete the annex on notes to purchasers.	2022-11-13

## 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 withdrawn 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 60034-2-3:2022 Ed 1	<i>Rotating electrical machines - Part 2-3: Specific test methods for determining losses and efficiency of converter-fed AC motors.</i> Specifies test methods and an interpolation procedure for determining losses and efficiencies of converter-fed motors within the scope of IEC 60034-1:2017 (published in South Africa as an identical adoption under the designation SANS 60034-1).
SANS 62106-1:2022 Ed 1	<i>Radio data system (RDS) - VHF/FM sound broadcasting in the frequency range from 64,0 MHz to 108,0 MHz - Part 1: Modulation characteristics and baseband coding.</i> Defines the basic layer of the Radio Data System (RDS) intended for application to VHF/FM sound broadcasts in the range 64,0 MHz to 108,0 MHz, which can carry either stereophonic (pilot-tone system) or monophonic programmes (as stated in ITU-R Recommendation BS.450-3 and ITU-R Recommendation BS.643-3).
SANS 60079-15:2022 Ed 5	<i>Explosive atmospheres Part - 15: Equipment protection by type of protection "n".</i> Specifies requirements for the construction, testing and marking for Group II electrical equipment with type of protection "n" which includes; sealed devices "nC", hermetically sealed devices "nC", non-incendive components "nC" and restricted breathing enclosures "nR" intended for use in explosive gas atmospheres.
SANS 14005:2022 Ed 2	<i>Environmental management systems - Guidelines for a flexible approach to phased implementation.</i> Gives guidelines for a phased approach to establish, implement, maintain and improve an environmental management system (EMS) that organizations, including small and medium-sized enterprises (SMEs), can adopt to enhance their environmental performance.
SANS 50071-1:2022 Ed 2	<i>Safety of toys - Part 1: Mechanical and physical properties.</i> Specifies requirements and methods of tests for mechanical and physical properties of toys.

Standard No. and year	Title, scope and purport
SANS 50071-2:2022 Ed 2	<i>Safety of toys - Part 2: Flammability.</i> Specifies the categories of flammable materials which are prohibited in all toys, and requirements concerning flammability of certain toys when they are subjected to a small source of ignition.
SANS 50071-3:2022 Ed 2	<i>Safety of toys - Part 3: Migration of certain elements.</i> Specifies requirements and test methods for the migration of aluminium, antimony, arsenic, barium, boron, cadmium, Chromium (III), Chromium (VI), cobalt, copper, lead, manganese, mercury, nickel, selenium, strontium, tin, organic tin and zinc from toy materials and from parts of toys.
SANS 50071-4:2022 Ed 2	<i>Safety of toys - Part 4: Experimental sets for chemistry and related activities.</i> Specifies requirements for the maximum amount, and in some cases, the maximum concentration of certain substances and mixtures used in experimental sets for chemistry and related activities.
SANS 50071-7:2022 Ed 2	<i>Safety of toys - Part 7: Finger paints - Requirements and test methods.</i> Specifies requirements for the substances and materials used in finger paints and applies to finger paints only.
SANS 50071-8:2022 Ed 2	<i>Safety of toys - Part 8: Activity toys for domestic use.</i> Specifies requirements and test methods for activity toys for domestic use often attached to or incorporating a crossbeam, and similar toys intended for children under 14 years to play on or in and often intended to bear the mass of one or more children.

## 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 3001-AG16:2022 Ed 1.1	<i>Civil engineering test methods - Part AG16: Determination of the durability mill index values for aggregates. Consolidated edition incorporating amendment No.1.</i> Amended to update the introduction and referenced standards, and to include the water quality requirements.
SANS 945-2:2022 Ed 2.1	<i>Support and compression bandages - Part 2: Warp-knitted bandages. Consolidated edition incorporating amendment No.1.</i> Amended to update the requirements, to add clause 7 additional marking and to delete the annex on notes to purchasers.
SANS 179:2022 Ed 2.2	<i>Mutton cloth. Consolidated edition incorporating amendment No.2.</i> Amended to delete the annex on notes to purchasers.
SANS 1038:2022 Ed 2.2	<i>Cotton eyelet fabric. Consolidated edition incorporating amendment No.2.</i> Amended to delete the annex on notes to purchasers.
SANS 1127:2022 Ed 2.1	<i>Algaecides for use in freshwater swimming pools. Consolidated edition incorporating amendment No.1.</i> Amended to delete the annex on notes to purchasers.
SANS 198:2022 Ed 5.2	<i>Functional-control valves and safety valves for domestic hot and cold water supply systems. Consolidated edition incorporating amendment No.2.</i> Amended to update referenced standards, and to delete the annex on notes to purchasers.

**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 B4: ESTABLISHMENT OF TECHNICAL COMMITTEES**

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.

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