

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 71 OF 2021

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 3000-2-2 Ed 2	<i>Railway safety management Part 2-2: Requirements for systemic engineering and operational safety standards – Track and associated civil infrastructure and installations.</i> Describes the minimum requirements for track and associated civil infrastructure and installations for network operators, and where relevant, by train and station operators and other interested and affected parties to accomplish the required levels of safety and performance.	2021-03-12
SANS 54110 Ed 2	<i>Fat and oil derivatives – Fatty Acid Methyl Esters (FAME) – Determination of methanol content.</i> Specifies a method for the determination of the methanol content of fatty acid methyl esters (FAME) for use as diesel fuel and domestic heating fuel.	2021-03-12
SANS 2001-DP7 Ed 1	<i>Construction Works – Part DP7 – Sewers for buildings.</i> Covers, in relation to a building, the construction of: a) surface mounted sewers having a nominal diameter of 200 mm or less; and b) below ground sewers having a nominal diameter of 160 mm or less including manholes and the like which discharge into a connecting sewer, conservancy tank, french drain or septic tank.	2021-03-16
SANS 50088-1 Ed 1	<i>Pressure regulators and associated safety devices for gas appliances – Part 1: Pressure regulators for inlet pressures up to and including 50 kPa.</i> Specifies the safety, construction and performance requirements for pressure regulators and pneumatic gas/air ratio pressure regulators (zero pressure regulators are included as a special type of pneumatic gas/air ratio pressure regulator), intended for use with gas burners, gas appliances and similar use, hereafter referred to as 'pressure regulators'..	2021-03-22
SANS 10229-1 Ed 3	<i>Transport of dangerous goods – Packaging and large packaging for road and rail transport – Part 1: Packaging, large packaging and intermediate bulk containers.</i> Identifies the requirements for packaging, large packaging and intermediate bulk containers (IBCs) suitable for the transport of dangerous goods by road and rail.	2021-03-19
SANS 1758 Ed 1	<i>Welfare of chickens (Gallus Gallus Domesticus).</i> Covers the requirements for the welfare of chickens (Gallus Gallus Domesticus.) in facilities.	2021-03-22

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 10249 Ed 1.3	<i>Masonry walling</i>	Amended to update referenced standards.	2021-03-23
SANS 1612 Ed 1.3	<i>Paper punches (desk top types)</i>	Amended to delete the appendix on notes to purchasers.	2021-03-22
SANS 1586 Ed 1.5	<i>Emulsion paints</i>	Amended to delete the annex on notes to purchasers.	2021-03-19
SANS 5136 Ed 3.1	<i>Paints and varnishes – Resistance to sheen development of paint films</i>	Amended to update referenced standards.	2021-03-19

SANS 1210 Ed 1.2	<i>Hexagon wrench keys</i>	Amended to delete the appendix on notes to purchasers.	2021-03-22
SANS 310 Ed 1.1	<i>Storage tank facilities for hazardous chemicals – Above-ground storage tank facilities for flammable, combustible and non-flammable chemicals</i>	Amended to update referenced standards, to add a new clause on training and to renumber the subsequent clauses, and to update the annex on typical risk assessment methods.	2021-03-21

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
SANS62271-107	<i>High-voltage switchgear and controlgear Part 107: Alternating current fused circuit-switchers for rated voltages above 1 kV up to and including 52 kV</i>	This type of technology is unfortunately not implemented in South Africa on switchgears.	2021-03-31

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
SATS 62786:2020 Ed 1	<i>Distributed energy resources connection with the grid.</i> Provides principles and technical requirements for distributed energy resources (DERs) connected to the distribution network, and applies to the planning, design, operation and connection of DERs to distribution networks.
SANS 53774:2020 Ed 1	<i>Valves for gas distribution systems with maximum operating pressure less than or equal to 16 bar. – Performance requirements.</i> Deals with metal isolating valves used for gas distribution systems with maximum operating pressure up to 16 bar, and which operate with fuel gases of the first, the second and the third family, in accordance with EN 437.
SANS 54105:2020 Ed 2	<i>Fat and oil derivatives – Fatty Acid Methyl Esters (FAME) – Determination of free and total glycerol and mono-, di-, triglyceride content.</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.
SANS 60095-6:2021 Ed 1	<i>Lead-acid starter batteries – Part 6: Batteries for micro-cycle applications.</i> Applies to lead-acid batteries with a nominal voltage of 12 V, used primarily as power source for the starting of internal combustion engines (ICE), lighting and also for auxiliary equipment of ICE vehicles.
SANS 20187:2021 Ed 1	<i>Inflatable play equipment – Safety requirements and test methods.</i> Applies to inflatable play equipment intended for use by children up to 14 years of age individually and as a group activity.

Standard No. and year	Title, scope and purport
SANS 10260-1:2021 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 80 mm nominal bore.
SANS 50897:2021 Ed 2	<i>Chemicals used for treatment of water intended for human consumption – Sodium carbonate.</i> Describes the characteristics and specifies the requirements and the corresponding test methods for sodium carbonate; gives information on its use in water treatment, and determines the rules relating to safe handling and use.
SANS 52485:2021 Ed 2	<i>Chemicals used for treatment of water intended for human consumption – Calcium carbonate, high-calcium lime, half-burnt dolomite, magnesium oxide, calcium magnesium carbonate and dolomitic lime – Test methods.</i> Specifies methods used for the chemical analyses and the determination of physical properties of calcium carbonate, high-calcium lime, half-burnt dolomite, magnesium oxide, calcium magnesium carbonate and dolomitic lime used to treat water for human consumption.
SANS 61511-1:2021 Ed 2	<i>Functional safety – Safety instrumented systems for the process industry sector – Part 1: Framework, definitions, system, hardware and application programming requirements.</i> Gives requirements for the specification, design, installation, operation and maintenance of a safety instrumented system (SIS), so that it can be confidently entrusted to achieve or maintain a safe state of the process.

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 62386-101:2020 Ed 2.1	<i>Digital addressable lighting interface – Part 101: General requirements – System components. Consolidated edition incorporating amendment No.1.</i> Amended to update the scope, referenced standards, definitions, and the clauses on general, electrical specification, bus power supply, timing, and on method of operation, to delete the clause on test procedures, and to update the annex on background information for systems.
SANS 898:2021 Ed 1.1	<i>Good manufacturing practices for the self mixing of feed in the livestock industry. Consolidated edition incorporating amendment No.1.</i> Amended to update the scope.
SANS 10232-3:2021 Ed 3.2	<i>Transport of dangerous goods – Emergency information systems – Part 3: Emergency response guides. Consolidated edition incorporating amendment No.2.</i> Amended to update the list of parts, 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.
SANS 61534-1:2021 Ed 2.2	<i>Powertrack systems – Part 1: General requirements. Consolidated edition incorporating amendment No.2.</i> Amended to update the scope, referenced standards, terms and definitions, general requirements, general notes on tests, the requirements for marking and documentation, construction, protection against electrical shock, fire hazard, external influences, electromagnetic compatibility and the annex on additional requirements for PT systems already complying with IEC 61534-1:2011 and IEC 61534-1:2011/AMD1:2014.

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 50881:2007 Ed 1	<i>Chemicals used for treatment of water intended for human consumption – Aluminium chloride (monomeric), aluminium chloride hydroxide (monomeric) and aluminium chloride hydroxide sulfate (monomeric).</i>

If your organization is interested in participating in these committees, please send an e-mail to 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.