

## DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NO. 2833

15 November 2024

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 10082:20XX Ed 5	<i>Timber frame buildings.</i> This standard describes practices to be followed in the design and construction of single-storey and double-storey timber frame buildings and portions of such buildings. When higher buildings or alternative designs are required, the relevant parts of SANS 10163-1 should be consulted	2024-11-07
SATR 41019:20XX Ed 1	<i>Facility management's role in sustainability, resilience and adaptability.</i> This document provides a broad societal context for facility management (FM) to inspire organizations that wish to	2024-11-07
SANS 60317-27-3:20XX Ed 1	<i>Specifications for particular types of winding wires Part 27-3: Paper tape covered rectangular copper wire.</i> This part of IEC 60317 specifies the requirements of paper tape covered rectangular copper winding wires. This covering consists of two or more layers of paper tape and is primarily intended for winding coils for oil immersed transformers	2024-11-07
SANS 61851-24:20XX Ed 2	<i>Electric vehicle conductive charging system Part 24: Digital communication between a DC EV supply equipment and an electric vehicle for control of DC charging.</i> This part of IEC 61851, together with IEC 61851-23, applies to digital communication between a DC EV supply equipment and an electric road vehicle (EV) for control of conductive DC power transfer, with a rated supply voltage up to 1 000 V AC or up to 1 500 V DC and a rated output voltage up to 1 500 V DC	2024-11-07
SANS 50124-1:20XX Ed 1	<i>Gully tops and manhole tops for vehicular and pedestrian areas Part 2: Definitions, classification, general principles of design, performance requirements and test methods.</i> This European Standard is applicable to manhole tops and gully tops with a clear opening up to and including 1 000 mm for covering gullies, manholes and inspection chambers installed in areas subjected to pedestrian and/or vehicular traffic. It specifies definitions, classification, general principles of design, performance requirements and test methods for gully tops and manhole tops according to	2024-11-07
SANS 50124-2:20XX Ed 1	<i>Gully tops and manhole tops for vehicular and pedestrian areas Part 2: Gully tops and manhole tops made of cast iron.</i> This European Standard is applicable to gully tops and manhole tops made of flake graphite cast iron and/or spheroidal graphite cast iron whether in combination with concrete or not, with a clear opening up to and including 1 000 mm for covering gullies, manholes and inspection chambers for installation within areas subjected to pedestrian and/or vehicular traffic	2024-11-07
SANS 50124-3:20XX Ed 1	<i>Gully tops and manhole tops for vehicular and pedestrian areas Part 2: Gully tops and manhole tops made of steel or aluminium alloys.</i> This European Standard is applicable to gully tops and manhole tops made of mild steel, stainless steel and aluminium alloys whether in combination with concrete or not, with a clear opening up to and including 1 000 mm for covering gullies, manholes and inspection chambers for installation in areas subjected to pedestrian and/or vehicular traffic	2024-11-07
SANS 50124-4:20XX Ed 1	<i>Gully tops and manhole tops for vehicular and pedestrian areas Part 4: Gully tops and manhole tops made of steel reinforced concrete.</i> This European Standard is applicable to precast gully tops and manhole tops made of steel reinforced concrete with a clear opening up to and including 1 000 mm for covering gullies, manholes	2024-11-07

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	and inspection chambers for installation within areas subjected to pedestrian and/or vehicular traffic	
SANS 50124-5:20XX Ed 1	<i>Gully tops and manhole tops for vehicular and pedestrian areas Part 2: Gully tops and manhole tops made of composite materials.</i> This European Standard is applicable to manhole tops and gully tops made of composite materials C1, C2 and C3 by using suitably controlled automatic processes that produce a single structure and that do not contain multiple pieces bonded together, with a clear opening up to and including 1 000 mm for covering gullies, manholes and inspection chambers for installation within areas subjected to pedestrian and/or vehicular traffic	2024-11-07
SANS 50124-6:20XX Ed 1	<i>Gully tops and manhole tops for vehicular and pedestrian areas Part 2: Gully tops and manhole tops made of polypropylene (PP), polyethylene (PE) or unplasticized poly(vinyl chloride) (PVC-U).</i> This European Standard applies to manhole tops and gully tops made of Polypropylene (PP), Polyethylene (PE) or unplasticized poly(vinyl chloride) (PVC-U) by a moulding or extrusion process, with a clear opening up to and including 1 000 mm for covering gullies, manholes and inspection chambers for installation within areas subjected to pedestrian and/or vehicular traffic	2024-11-07
SANS 60317-89:20XX Ed 1	<i>Specifications for particular types of winding wires Part 89: Polyesterimide enamelled round aluminum wire, class 200.</i> This part of IEC 60317 specifies the requirements of enamelled round aluminium winding wire of class 200 with a sole coating based on polyesterimide resin, which can be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements	2024-11-07

## 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 719:20XX Ed 3.3	<i>Electric welded low carbon steel pipes for aqueous fluids (large bore).</i>	Amended to delete the annex on notes to purchasers.	2024-11-07
SANS 1067-2:20XX Ed 2.2	<i>Copper-based fittings for copper tubes Part 2: Capillary solder fittings</i>	Amended to delete the annex on notes to purchasers.	2024-11-07
SANS 1115:20XX Ed 1.3	<i>Cast iron gratings for gullies and stormwater drains</i>	Amended to delete the appendix on notes to purchasers	2024-11-07
SANS 1123:20XX Ed 3.5	<i>Pipe flanges</i>	Amended to delete the annex on notes to purchasers	2024-11-07
SANS 1551-2:20XX Ed 1.3	<i>Check valves (flanged and wafer types) Part 2: Class series</i>	Amended to delete the annex on notes to purchasers	2024-11-07
SANS 60601-2-2:20XX Ed 2.1	<i>Medical electrical equipment Part 2-2: Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories</i>	Amended to update referenced standards, terms and definitions, general requirements, and annexes	2024-11-07

## 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 61238-1-1:2024 Ed 1	<i>Compression and mechanical connectors for power cables Part 1-1: Test methods and requirements for compression and mechanical connectors for power cables for rated voltages up to 1 kV (<math>U_m = 1,2 \text{ kV}</math>) tested on non-insulated conductors.</i> This part of IEC 61238 applies to compression and mechanical connectors for power cables for rated voltages up to 1 kV ( $U_m = 1,2 \text{ kV}$ ), for example buried cables or cables installed in buildings, having
SANS 61238-1-2:2024 Ed 1	<i>Compression and mechanical connectors for power cables Part 1-2: Test methods and requirements for insulation piercing connectors for power cables for rated voltages up to 1 kV (<math>U_m = 1,2 \text{ kV}</math>) tested on insulated conductors.</i> This part of IEC 61238 applies to insulation piercing connectors for power cables for rated voltages up to 1 kV ( $U_m = 1,2 \text{ kV}$ ), for example according to IEC 60502-1 or other buried cables and cables installed in buildings, having
SANS 61238-1-3:2024 Ed 1	<i>Compression and mechanical connectors for power cables Part 1-3: Test methods and requirements for compression and mechanical connectors for power cables for rated voltages above 1 kV (<math>U_m = 1,2 \text{ kV}</math>) up to 30 kV (<math>U_m = 36 \text{ kV}</math>) tested on non-insulated conductors.</i> This part of IEC 61238 applies to compression and mechanical connectors for power cables for rated voltages above 1 kV ( $U_m = 1,2 \text{ kV}$ ) up to 30 kV ( $U_m = 36 \text{ kV}$ ), for example buried cables or cables installed in buildings, having
SANS 62821-1:2024 Ed 1	<i>Electric cables — Halogen-free, low smoke, thermoplastic insulated and sheathed cables of rated voltages up to and including 450/750 V Part 1: General requirements.</i> This part of IEC 62821 applies to cables with insulation, and sheath if any, based on halogenfree, thermoplastic compound, and having low emission of smoke and corrosive gases when exposed to fire, of rated voltages $U_0/U$ up to and including 450/750 V used in power installations of nominal voltage not exceeding 450/750 V a.c
SANS 62821-3:2024 Ed 1	<i>Electric cables — Halogen-free, low smoke, thermoplastic insulated and sheathed cables of rated voltages up to and including 450/750 V Part 3: Flexible cables (cords).</i> This part of IEC 62821 applies to flexible cables for connection to appliances, insulated and sheathed with halogen-free thermoplastic compound and having low emission of smoke and corrosive gases when exposed to fire
SANS 19208:2024 Ed 1	<i>Framework for specifying performance in buildings.</i> This document provides the framework for specifying the performance of a building as a whole or a part thereof in order to satisfy specified user requirements and societal expectations
SANS 20657:2024 Ed 1	<i>Glass in building — Heat-soaked tempered soda lime silicate safety glass.</i> This document specifies product definitions, product characteristics, i.e. tolerances, flatness, edgework, etc., fracture characteristics, including fragmentation, and the physical and mechanical characteristics of flat heat soaked tempered soda lime silicate safety glass for use in buildings
SANS 22058:2024 Ed 1	<i>Construction procurement — Guidance on strategy and tactics.</i> This document provides guidance on: a) options for engaging the market in satisfying a client's need for new or refurbished construction works; b) the development of procurement strategies for one or more projects involving the acquisition of goods, services or any combination thereof, irrespective of complexity, size, duration or life cycle stage; c) the formulation of procurement tactics which enable identified procurement strategies to be effectively implemented.
SATS 21030:2024 Ed 1	<i>Educational organizations — Requirements for bodies providing audit and certification of educational organizations' management systems.</i> This document defines the rules applicable to the audit and certification of educational organization management systems (EOMS) conforming to the requirements given in ISO 21001 (or other sets of specified EOMS requirements). It also provides the necessary information and confidence to customers about the way certification of their suppliers has been granted

**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 1022:2024 Ed 2.3	<i>Metal roofing tiles.</i> This standard covers the requirements for metal roofing tiles (coated or uncoated) supplied in the form of carbon steel sheets, aluminium alloy sheets or stainless steel sheets (each comprising a series of simulated tile units), and for trim sections (of the same materials) designed for use in conjunction with tile units of the same material and of appropriate profile.
SANS 1370:2024 Ed 1.4	<i>Fluxes for the submerged arc welding of carbon and carbon manganese steels.</i> This specification covers fluxes used in combination with filler wire for the submerged arc welding of carbon and carbon manganese steels
SANS 10012:2024 Ed 4.2	<i>The use of light metals in hazardous locations at mines.</i> This standard makes recommendations regarding the use of light metals in hazardous locations at mines, and gives a short description of the hazards or risks associated with such metals.
SANS 10242-1:2024 Ed 2.2	<i>The rewinding and refurbishing of rotating electrical machines Part 1: Low-voltage three-phase induction motors.</i> This part of SANS 10242 establishes general principles for the rewinding and refurbishing of low-voltage three-phase alternating current induction motors of the cage and wound rotor (slip-ring) types, with rated output not exceeding 1000 kW, for rated voltages not exceeding 1 100 V between phases, at a service frequency of 50 Hz including motors intended for variable speed applications

**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 61215, 2015	<i>Crystalline silicon terrestrial photovoltaic (PV) modules - Design qualification and type approval</i>

**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.