

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 1326 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.

| Draft Standard No. and Edition | Title, scope and purport | Closing Date |
|--------------------------------|---|--------------|
| SANS 50197-5 Ed 1 | <i>Cement - Part 5: Portland-composite cement CEM II/C-M and Composite cement CEM VI.</i> Deals with Portland-composite cement CEM II/C-M, not covered by EN 197-1, and a different type of Composite cement CEM VI, also not covered by EN 197-1, whose intended use is the preparation of concrete, mortar, grout, etc. | 2022-11-20 |
| SANS 37000 Ed 1 | <i>Governance of organizations – Guidance.</i> Provides guidance on the governance of organizations. | 2022-11-20 |
| SANS 61010-2-091 Ed 2 | <i>Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-091: Particular requirements for cabinet X-ray systems.</i> Specifies particular safety requirements for cabinet x-ray systems. | 2022-11-20 |
| SANS 60255-127 Ed 1 | <i>Measuring relays and protection equipment - Part 127: Functional requirements for over/under voltage protection.</i> Specifies minimum requirements for over/under voltage relays. | 2022-11-20 |
| SANS 27005 Ed 3 | <i>Information technology - Security techniques - Information security risk management.</i> Provides guidelines for information security risk management and supports the general concepts specified in ISO/IEC 27001 and is designed to assist the satisfactory implementation of information security based on a risk management approach. | 2022-11-18 |
| SANS 27007 Ed 2 | <i>Information security, cybersecurity and privacy protection - Guidelines for information security management systems auditing.</i> Provides guidance on managing an information security management system (ISMS) audit programme, on conducting audits, and on the competence of ISMS auditors, in addition to the guidance contained in ISO 19011 (published in South Africa under the designation SANS 19011). | 2022-11-18 |
| SANS 14064-3 Ed 2 | <i>Greenhouse gases - Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions.</i> Specifies principles and requirements and provides guidance for verifying and validating greenhouse gas (GHG) statements. | 2022-11-18 |
| SANS 7816-9 Ed 2 | <i>Identification cards - Integrated circuit cards - Part 9: Commands for card management.</i> Specifies interindustry commands for card, file and other structure management, i.e. data object and security object and these commands cover the entire life cycle of the card. | 2022-11-18 |
| SANS 3741 Ed 2 | <i>Acoustics - Determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms.</i> Specifies methods for determining the sound power level or sound energy level of a noise source from sound pressure levels measured in a reverberation test room. | 2022-11-18 |
| SANS 2041 Ed 2 | <i>Mechanical vibration, shock and condition monitoring – Vocabulary.</i> Defines terms and expressions unique to the areas of mechanical vibration, shock and condition monitoring. | 2022-11-18 |
| SANS 2001-EF3 Ed 1 | <i>Construction Works; - Part EF3: Resilient thermoplastic and similar flexible floor covering.</i> Covers Resilient thermoplastic and flexible floor covering. | 2022-11-24 |

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| SANS 62053-23 Ed 2 | <i>Electricity metering equipment (a.c.) - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3).</i> Applies only to static var-hour meters of accuracy classes 2 and 3 for the measurement of alternating current electrical reactive energy in 50 Hz or 60 Hz networks and it applies to their type tests only. | 2022-11-25 |
| SANS 61557-8 Ed 1 | <i>Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 8: Insulation monitoring devices for IT systems.</i> Specifies the requirements for insulation monitoring devices (IMD) which permanently monitor the insulation resistance RF to earth of unearthed a.c. IT systems, of a.c. IT systems with galvanically connected d.c. circuits having nominal voltages up to 1 000 V a.c., as well as of unearthed d.c. IT systems with voltages up to 1 500 V d.c. independent from the method of measuring. | 2022-11-25 |
| SANS 61557-9 Ed 1 | <i>Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 9: Equipment for insulation fault location in IT systems.</i> Specifies the requirements for the insulation fault location system (IFLS) which localizes insulation faults in any part of the system in unearthed IT a.c. systems and unearthed IT a.c. systems with galvanically connected d.c. circuits having nominal voltages up to 1 000 V a.c., as well as in unearthed IT d.c. systems with voltages up to 1 500 V d.c., independent of the measuring principle. | 2022-11-25 |
| SANS 61557-11 Ed 1 | <i>Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 11: Effectiveness of residual current monitors (RCM) in TT, TN and IT systems.</i> Specifies the requirements for test equipment applied to the testing of the effectiveness of residual current monitors (RCM) that are already installed in distribution systems. | 2022-11-25 |
| SANS 61557-14 Ed 1 | <i>Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 14: Equipment for testing the safety of electrical equipment of machinery.</i> Defines special requirements for test and measurement equipment used to determine the electrical safety of electrical equipment of machinery according to IEC 60204-1 (published in South Africa under the designation SANS 60204-1). | 2022-11-25 |
| SANS 61557-15 Ed 1 | <i>Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 15: Functional safety requirements for insulation monitoring devices in IT systems and equipment for insulation fault location in IT systems.</i> Specifies requirements related to functional safety and is based on the IEC 61508 standard series for the realization of insulation monitoring devices (IMD) as specified in IEC 61557-8 (published in South Africa as an identical adoption under the designation SANS 61557-8) and for insulation fault location systems (IFLS) according to IEC 61557-9. (Published in South Africa as an identical adoption under the designation SANS 61557-9). | 2022-11-25 |
| SANS 61557-16 Ed 1 | <i>Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 16: Equipment for testing the effectiveness of the protective measures of electrical equipment and/or medical electrical equipment.</i> Defines performance requirements for test and measurement equipment to determine the effectiveness of the protective measures of electrical measures for electrical equipment and/or medical electrical equipment described in IEC 62353. | 2022-11-25 |
| SANS 2233 Ed 1 | <i>Methanol fuelled appliances.</i> Covers the requirements for methanol-fuelled appliances for cooking, heating, illumination and low power electricity generation. | 2022-11-25 |
| SATR 38502 Ed 2 | <i>Information technology - Governance of IT - Framework and model.</i> Provides guidance on the nature and mechanisms of governance and management together with the relationships between them, in the context of IT within an organization. | 2022-11-25 |

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| SANS 37002 Ed 1 | <i>Whistleblowing management systems – Guidelines.</i> Provides guidelines for establishing, implementing and maintaining an effective whistleblowing management system based on the principles of trust, impartiality and protection. | 2022-11-25 |
| SANS 19770-1 Ed 2 | <i>Information technology - IT asset management - Part 1: IT asset management systems – Requirements.</i> Specifies requirements for an IT asset management system within the context of the organization. | 2022-11-25 |
| SANS 24570 Ed 2 | <i>Software engineering - NESMA functional size measurement method - Definitions and counting guidelines for the application of Function Point Analysis.</i> Specifies the set of definitions, rules and guidelines for applying the Nensa Function Point Analysis (FPA) method. | 2022-11-25 |
| SANS 32430 Ed 1 | <i>Software engineering - Trial use standard for software non-functional sizing measurements.</i> Defines a method for the sizing of non-functional software requirements, also describes the complementarity of functional and non-functional sizes, so that sizing both functional and non-functional requirements (NFR) do not overlap. | 2022-11-25 |
| SANS 10008 Ed 2 | <i>Quality management - Customer satisfaction - Guidelines for business-to-consumer electronic commerce transactions.</i> Gives guidance on planning, designing, developing, implementing, maintaining and improving an effective and efficient business-to-consumer electronic commerce transaction (B2C ECT) system within an organization. | 2022-11-25 |
| SANS 5667-1 Ed 3 | <i>Water quality - Sampling - Part 1: Guidance on the design of sampling programmes and sampling techniques.</i> Sets out the general principles for, and provides guidance on, the design of sampling programmes and sampling techniques for all aspects of sampling of water (including waste waters, sludges, effluents, suspended solids and sediments). | 2022-11-25 |
| SANS 5667-3 Ed 3 | <i>Water quality - Sampling - Part 3: Preservation and handling of water samples.</i> Specifies general requirements for sampling, preservation, handling, transport and storage of all water samples including those for biological analyses. | 2022-11-25 |
| SANS 5667-4 Ed 2 | <i>Water quality - Sampling - Part 4: Guidance on sampling from lakes, natural and man-made.</i> Gives guidelines for the design of sampling programmes, techniques and the handling and preservation of samples of water, from natural and man-made lakes during open-water and ice-covered conditions. | 2022-11-25 |
| SANS 10993-17 Ed 1 | <i>Biological evaluation of medical devices - Part 17: Establishment of allowable limits for leachable substances.</i> Specifies a method for the determination of allowable limits for substances leachable from medical devices. | 2022-11-25 |
| SANS 10555-5 Ed 1 | <i>Intravascular catheters- Sterile and single-use catheters - Parts 5: Over needle peripheral catheters.</i> Specifies requirements for over-needle peripheral intravascular catheters, intended for accessing the peripheral vascular system, supplied in the sterile condition and intended for single use. | 2022-11-25 |

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 10222-3 Ed 5.1 | <i>Electrical security installations - Part 3: Electric fences (non-lethal) and manufacture requirements.</i> | Amended to modify the scope, definitions, fundamental requirements, Electromagnetic compatibility (EMC) requirements, General agricultural electric fences, Game control electric fences, Electric security fences requirements, and modification of Annex E. | 2022-11-20 |

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| SANS 1489-2 Ed 1.1 | <i>Electrical connectors in group I and group II hazardous areas - Part 2: Restrained type plugs and sockets for group I hazardous areas.</i> | Amended to update the foreword, definitions and abbreviations, and referenced standards. | 2022-11-24 |
| SANS 1489-4 Ed 1.1 | <i>Electrical connectors in group I and group II hazardous areas - Part 4: Medium voltage couplers and adaptors for group I hazardous areas</i> | Amended to update referenced standards. | 2022-11-24 |
| SANS 1574-4 Ed 1.3 | <i>Electric flexible cables with solid extruded dielectric insulation Part 4: Rubber-insulated cables for domestic, office and similar environments (cords).</i> | Amended to delete notes to purchasers. | 2022-11-24 |
| SANS 1020 Ed 2.2 | <i>Power-operated dispensing devices for flammable liquid fuels.</i> | Amended to update the scope, the definitions, to delete the note 2 on a sub-clause to general, to update and renumber the requirements, to update the clause on marking, the annex on items to be included in manufacturer's product documentation, the annex on sampling and compliance with this standard, the annex summary of hazardous locations associated with dispensers and metering pumps manufactured in accordance with EN 13617-1, and the annex on summary of hazardous locations associated with dispensers and metering pumps manufactured in accordance with UL 87. | 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 |
| SANS 29 Ed 4.1 | <i>Articles made of precious metals.</i> | Amended to remove the requirement of the oval around the 'ZA' marking, and to remove annex on "notes to purchasers". | 2022-11-25 |
| SANS 1284 Ed 1.6 | <i>Bow-saw frames and blades.</i> | Amended to delete the appendix on notes to purchasers. | 2022-11-25 |
| SANS 1120 Ed 2.2 | <i>Pliers and nippers.</i> | Amended to delete the appendix on notes to purchasers. | 2022-11-25 |
| SANS 341 Ed 4.3 | <i>Picks, beater picks and mattocks</i> | Amended to update the scope and to delete the appendix on notes to purchasers. | 2022-11-25 |
| SANS 1662 Ed 1.2 | <i>Self-ballasted LED tubular lamps for general lighting services > 50 V - Safety requirements.</i> | Amended to update reference standards. | 2022-11-25 |

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 |
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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 |
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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 |
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| SANS 16283-3:2022 Ed 1 | <i>Acoustics - Field measurement of sound insulation in buildings and of building elements - Part 3: Façade sound insulation.</i> Specifies procedures to determine the airborne sound insulation of façade elements (element methods) and whole façades (global methods) using sound pressure measurements. |
| SANS 62052-11:2022 Ed 2 | <i>Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment.</i> Specifies requirements and associated tests, with their appropriate conditions for type testing of AC and DC electricity meters. |
| SANS 62104:2022 Ed 3 | <i>Characteristics of DAB receivers.</i> Describes the digital audio broadcasting (DAB) receiver characteristics for consumer equipment intended for terrestrial and cable reception operating in VHF band III. |
| SANS 11760:2022 Ed 2 | <i>Classification of coals.</i> Describes a simple classification system for coals providing guidance on the selection of the appropriate ISO standard procedures for the analyses and testing of coals, international comparison of coals in terms of some key characteristics, and descriptive categorization of coals. |

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 |
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| SANS 1524-6-10:2022 Ed 1.2 | <i>Electricity payment systems - Part 6-10: Interface standards - Online vending server - Vending clients. Consolidated edition incorporating amendment No.2.</i> Amended to update referenced standard, the sub-clause on meter-specific engineering token, and the sub-clause on update meter key data. |
| SANS 1112:2022 Ed 1.2 | <i>Open-end, box, and combination wrenches. Consolidated edition incorporating amendment No.2.</i> Amended to delete the appendix on notes to purchasers. |
| SANS 1285:2022 Ed 1.4 | <i>Woodworking saws for hand use. Consolidated edition incorporating amendment No.4.</i> Amended to delete the appendix on notes to purchasers. |
| SANS 385:2022 Ed 4.2 | <i>Fabric linings for footwear. Consolidated edition incorporating amendment No.2.</i> Amended to delete the annex on notes to purchasers. |
| SANS 770:2022 Ed 2.4 | <i>Footwear laces. Consolidated edition incorporating amendment No.4.</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.5.</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 |
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SCHEDULE B4: ESTABLISHMENT OF TECHNICAL COMMITTEES

| Committee No. | Title | Scope |
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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.