

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 1106 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 3091 Ed 1	<i>Chilled finfish, marine molluscs and crustaceans and products derived therefrom.</i> This standard specifies requirements for the handling, preparation, processing, packaging, transporting, storage and quality of chilled finfish, marine molluscs and crustaceans and products derived therefrom that are intended for human consumption. It also specifies requirements for factories and employees involved in the production of chilled finfish, marine molluscs, crustaceans, and products derived therefrom.	2022-07-29
SANS 60730-2-6 Ed 1.1?	<i>Automatic electrical controls Part 2-6: Particular requirements for automatic electrical pressure sensing controls including mechanical requirements.</i> Applies to automatic electrical pressure sensing controls for use in, on or in association with, equipment. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc. or a combination thereof. This standard is also applicable to individual pressure sensing controls utilized as part of a control system or pressure sensing controls which are mechanically integral with multifunctional controls having non-electrical outputs. Automatic electrical pressure sensing controls for equipment used by the public, such as equipment intended to be used by laymen in shops, in light industry and on farms, are within the scope of this standard.	2022-08-02
SANS 60730-2-9 Ed 2.2?	<i>Automatic electrical controls Part 2-9: Particular requirements for temperature sensing controls.</i> Applies to automatic electrical temperature sensing controls for use in, on or in association with equipment for household and similar use, including electrical controls for heating, air-conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof.	2022-08-02
SANS 23643 Ed 1	<i>Software and systems engineering – Capabilities of software safety and security verification tools.</i> Specifies requirements for the vendors and gives guidelines for both the users and the developers of software safety and security verification tools.	2022-08-02
SANS 60076-22-8 Ed 1	<i>Power transformers Part 22-8: Power transformer and reactor fittings — Devices suitable for use in communication networks.</i> Applies to a selection of accessories and fittings mounted on liquid immersed power transformers according to IEC 60076-1 (published in South Africa as an identical adoption under the designation SANS 60076-1) and reactors according to IEC 60076-6 (published in South Africa under the designation SANS 60076-6) with or without conservator for indoor or outdoor installation.	2022-08-02

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 474 Ed 2.1	<i>Electricity metering — Standards requirements,</i>	Amended to change Annex A NOTE 2: Change "11 meter number" to "13 digit meter number". Annex A: add "NOTE 3: The range of the first 4 digits of the 13-digit meter number specified in this annex overlaps with the range of the first 4 digits of the 13-digit meter number as specified in SANS 62055-41. The STS association. In its role of registration Authority for SANS 62055-41 has agreed to allocate the ranges 1xxx and 3xxx of the first 4 digits for used by SANS 474".	2022-08-02
SANS 60204-1 Ed 4.1	<i>Safety of machinery — Electrical equipment of machines Part 1: General requirements.</i>	Amended to update the foreword, referenced standards, Generals requirements, Protection against electric shock, Equipotential bonding, Control circuits and control functions, Controlgear: location, mounting, and enclosures, Conductors and cables, Wiring practices, Marking, warning signs and reference designations, and Verification and to update annexe on measures to reduce effects of electromagnetic influences\.	2022-08-02
SANS 62271-209 Ed 2.1	<i>High-voltage switchgear and controlgear Part 209: Cable connections for gas-insulated metal-enclosed switchgear for rated voltages above 52 kV - Fluid-filled and extruded insulation cables - Fluid-filled and dry-type cable-terminations.</i>	Amended to update the requirements for design and construction and to update the figure on fluid-filled cable connection assembly - typical arrangement.	2022-08-02
Sans 60079-1 Ed 5 Corr1	<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.	2022-08-12

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

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 60317-25:2022 Ed 1	<i>Specifications for particular types of winding wires Part 25: Polyester or polyetherimide overcoated with polyamide-imide enamelled round aluminium wire, class 200.</i> Specifies the requirements of enamelled round aluminium winding wires of class 200 with a dual coating.
SATS 62257-9-1:2022 Ed 1	<i>Recommendations for renewable energy and hybrid systems for rural electrification Part 9-1: Integrated systems — Micropower systems.</i> Applies to a micropower plant which is the electric energy generation subsystem associated with a decentralized rural electrification system, and provides general requirements for the design, erection and operation of micropower plants and general requirements to ensure the safety of persons and property.
SANS 15118-1:2022 Ed 1	<i>Road vehicles — Vehicle to grid communication interface Part 1: General information and use-case definition.</i> Specifies terms and definitions, general requirements and use cases for conductive and wireless HLC between the EVCC and the SECC and applies to HLC involved in conductive and wireless power transfer technologies in the context of manual or automatic connection devices.
SANS 63152:2022 Ed 1	<i>Smart cities — City service continuity against disasters — The role of the electrical supply.</i> Establishes concepts and gives guidelines to help sustain a variety of city services on the occasion of a disaster from the perspective of providing electricity.
SANS 19160-4:2022 Ed 1	<i>Addressing Part 4: International postal address components and template language.</i> Specifies a mechanism for creation of sub-elements, which correspond to either subdivision of element content, such as door type or door indicator or to multiple occurrences and location of elements in an address such as levels of administrative regions.
SATS 17021-13:2022 Ed 1	<i>Conformity assessment — Requirements for bodies providing audit and certification of management systems Part 13: Competence requirements for auditing and certification of compliance management systems.</i> Specifies the competence requirements for personnel involved in the audit and certification process for compliance management systems (CMS).

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
ARP 032:2022 Ed 1.1	<i>Guidelines for the modification of luminaires for tubular fluorescent lamps to retro-fit LED tubular lamps or T5 semi-luminaires. Consolidated edition incorporating amendment No.1.</i> Amended to update referenced standards.
SANS 868-1-2:2022 Ed 1.2	<i>Compression-ignition engine systems and machines powered by such engine systems, for use in mines and plants with explosive gas atmospheres or explosive dust atmospheres or both Part 1-2: Hazardous locations in underground mines — Explosion protected engine systems. Consolidated edition incorporating amendment No.2.</i> Amended to move reference to marking from the foreword to the body of the text, to update the subclause on joints, the definitions and renumber accordingly, and to delete the annex on procedure for obtaining approval for an explosion protected compression-ignition engine system not previously certified as well as for a modified system.
SANS 10254:2022 Ed 4.2	<i>The installation, maintenance, replacement, and repair of fixed electric storage water heating systems. Consolidated edition incorporating amendment No.2.</i> Amended to update definitions, and the subclause on assembly of the system.

SANS 60601-2-43:2022 Ed 1.2	<i>Medical electrical equipment Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures. Consolidated edition incorporating amendment No.2.</i> Amended to update the introduction, scope, object and related standards, referenced standards, terms and definitions, general requirements, general requirements for testing of ME equipment, ME equipment identification, marking and documents, protection against electrical hazards from ME equipment, protection against mechanical hazards of ME equipment and ME systems, protection against unwanted and excessive radiation hazards, protection against excessive temperatures and other hazards, accuracy of controls and instruments and protection against hazardous outputs, ME systems, radiation protection in diagnostic x-ray equipment, the annex on particular guidance and rationale, the bibliography and the index of defined terms used in this particular standard.
SANS 1548:2022 Ed 4.1	<i>Paints and varnishes - Determination of through-dry state and through-dry time.</i> Amended to update referenced standards.

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 1371:2008 Ed 1.2	<i>Ceramic hollow insulators for standard transformer bushings.</i>

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 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.