

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NO. 2834

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 60947-5-7:20XX Ed 2 | <i>Low-voltage switchgear and controlgear Part 5-7: Control circuit devices and switching elements — Proximity devices with analogue output.</i> This part of IEC 60947 states the requirements for proximity devices that correspond to the scope of IEC 60947-5-2:2019 with analog output (PDAO) and/or a digital output to transmit a corresponding digital value representing the detected sensing input. These devices can provide additional parameters. Figure 1 shows the schematic principle of such a device. They might consist of one or more parts | 2024-12-27 |
| SATS 62271-5:20XX Ed 1 | <i>High-voltage switchgear and controlgear Part 5: Common specifications for direct current switchgear and controlgear.</i> This part of IEC 62271, which is a Technical Specification, applies to DC switchgear and controlgear designed for operation on HVDC transmission systems having direct voltages of 100 kV and above | 2024-12-27 |
| SANS 63472:20XX Ed 1 | <i>Plugs, socket-outlets, vehicle connectors and vehicle inlets — Conductive charging of electric vehicles — Dimensional compatibility description for configuration FF AC/DC contact-tube vehicle coupler.</i> This document describes dimensional options for CONFIGURATION FF AC/DC contact-tube vehicle couplers as defined in IEC 62196-3. These possibilities serve to improve the reliability of a mated connection when the charging cable is not axially constrained. The options can be implemented optionally and maintain mating compatibility with CONFIGURATION FF according to IEC 62196-3 | 2024-12-27 |
| SANS 1433-1:20XX Ed 2 | <i>Electrical terminals and connectors Part 1: Terminal blocks having screw and screwless terminals.</i> This part of SANS 1433 covers terminal blocks having screw type or screwless type clamping units for the connection of copper conductors having a rated area not exceeding 300 mm ² for the screw type and not exceeding 35 mm ² for the screwless type, and intended for use in installations having nominal a.c. voltages of r.m.s. value not exceeding 1 000 V and frequencies not exceeding 60 Hz, or nominal d.c. voltages not exceeding 1 500 V | 2024-12-27 |
| SANS 62752:20XX Ed 1 | <i>In-cable control and protection device (IC-CPD) for mode 2 charging of electric road vehicles.</i> This International Standard applies to in-cable control and protection devices (IC-CPDs) for mode 2 charging of electric road vehicles, hereafter referred to as "IC-CPD", including control and safety functions | 2024-12-27 |
| SANS 60947-5-1:20XX Ed 5 | <i>Low-voltage switchgear and control gear Part 5-1: Control circuit devices and switching elements — Electromechanical control circuit devices.</i> This part of IEC 60947 applies to control circuit devices and switching elements intended for controlling, signalling, interlocking, etc., of switchgear and controlgear | 2024-12-27 |
| SANS 61095:20XX Ed 1 | <i>Electromechanical contactors for household and similar purposes.</i> This document applies to electromechanical air break contactors for household and similar purposes provided with main contacts intended to be connected to circuits the rated voltage of which does not exceed 440 V AC (between phases) with rated operational currents less than or equal to 63 A for utilization category AC-7a, and 32 A for utilization categories AC-7b, AC-7c and AC-7d (expressed in rated power), and rated conditional short-circuit current less than or equal to 6 kA. | 2024-12-27 |
| SANS 60669-2-4:20XX | <i>Switches for household and similar fixed electrical installations Part 2-4:</i> | 2024-12-27 |

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| Ed 2 | <i>Particular requirements — Isolating switches.</i> This part of IEC 60669 applies to manually operated general purpose isolating switches with a rated voltage not exceeding 440 V and a rated current not exceeding 125 A, intended for household and similar fixed electrical installations, either indoors or outdoors. | |
| SANS 62561-5:20XX Ed 3 | <i>Lightning protection system components (LPSC) Part 5: Requirements for earth electrode inspection housings and earth electrode seals.</i> This part of IEC 62561 specifies the requirements and tests for earth electrode inspection housings (earth housings) installed in the earth and for earth electrode seals | 2024-12-27 |
| SANS 60269-4:20XX Ed 4 | <i>Low-voltage fuses Part 4: Supplementary requirements for fuse-links for the protection of semiconductor devices.</i> IEC 60269-1 applies with the following supplementary requirements. Fuse-links for the protection of semiconductor devices shall comply with all requirements of IEC 60269-1, if not otherwise indicated hereinafter, and shall also comply with the supplementary requirements laid down below | 2024-12-27 |
| SANS 63454:20XX Ed 1 | <i>Conductive charging of electric vehicles — DC vehicle coupler configuration GG.</i> This document is applicable to vehicle couplers with pins and contact-tubes of standardized configuration (GG), herein also referred to as "accessories", intended for use in electric vehicle conductive charging systems which incorporate control means, with rated operating voltage and current in accordance with IEC 62196-1:2022 | 2024-12-27 |
| SANS 63404:20XX Ed 1 | <i>Switchgear and controlgear and their assemblies for low voltage — Integration of radiocommunication device above 380 MHz into an equipment.</i> This document defines radiocommunication related requirements for equipment intended to integrate a radiocommunication device. It includes the initial integration and update of a the radiocommunication device, having a carrier frequency greater than 380 MHz, into new or updated host equipment with | 2024-12-27 |
| SANS 60269-1:20XX Ed 4 | <i>Low-voltage fuses Part 1: General requirements.</i> This part of IEC 60269 is applicable to fuses incorporating enclosed current-limiting fuse-links with rated breaking capacities of not less than 6 kA, intended for protecting power-frequency AC circuits of nominal voltages not exceeding 1 000 V or DC circuits of nominal voltages not exceeding 1 500 V | 2024-12-27 |

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 62271-200:20XX Ed 3.1 | <i>High-voltage switchgear and controlgear Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV</i> | Amended to update referenced standards, definitions, design and construction, type tests, routine tests and guide to the selection of switchgear and controlgear, and to introduce an annex on pressure coordination chart for gas-filled compartments | 2024-12-27 |
| SANS 61084-2-4:20XX Ed 2.1 | <i>Cable trunking systems and cable ducting systems for electrical installations Part 2-4: Particular requirements — Service poles and service posts</i> | Amended to update the referenced standards, to modify requirements for general conditions for tests, mechanical properties, fire hazard and an annex for Routine test for the socket outlets wiring of pre-wired service poles and service posts (correct polarity and protection against electric shock) | 2024-12-27 |
| SANS 61084-2-1:20XX Ed 2.1 | <i>Cable trunking systems and cable ducting systems for electrical installations Part 2-1: Particular requirements— Cable trunking systems and cable ducting systems intended for mounting on walls and ceilings</i> | Amended to update referenced standards and mechanical properties | 2024-12-27 |

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| SANS 1619:20XX Ed 2.6 | <i>Small power distribution units (ready-boards) for single-phase 230 V service connections</i> | Amended to update a reference standard | 2024-12-27 |
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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 |
|--------------------------|---|
| SANS 12540:2024 Ed 1 | <i>Glass in building — Tempered soda lime silicate safety glass.</i> This document covers product definitions, product characteristics, i.e. tolerances, flatness, edgework, etc., fracture characteristics, including fragmentation, and the physical and mechanical characteristics of flat tempered soda lime silicate safety glass for use in buildings |

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 5851:2002 | <i>Liquid limit of fines in aggregates for base-courses</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.