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DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 2982 OF 2025

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 18086:20XX Ed 1	*Corrosion of metals and alloys — Determination of AC corrosion — Protection Criteria.* This document specifies protection criteria for determining the AC corrosion risk of cathodically protected pipelines	2025-03-30
SANS 61543:20XX Ed 2	*Residual current-operated protective devices (RCDs) for household and similar use — Electromagnetic compatibility.* This international standard provides specific emission and immunity requirements, tests and performance criteria for residual current-operated protective devices (RCDs), for household and similar use, for rated voltages not exceeding 440 V	2025-03-30
SANS 13174:20XX Ed 1	*Cathodic protection of harbour installations.* This International Standard defines the means to be used to ensure that cathodic protection is efficiently applied to the immersed and driven/buried metallic external surfaces of steel port, harbour, coastal and flood defence installations and appurtenances in seawater and saline mud to provide protection from corrosion	2025-03-30
SANS 62841-2-3:20XX Ed 1	*Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery — Safety — Part 2-3: Particular requirements for handheld grinders, disc-type polishers and disc-type sanders.* This part of IEC 62841 applies to hand-held grinders, disc-type polishers and disc-type sanders, including angle, straight and vertical tools, intended for use on various materials except magnesium, with a rated capacity not exceeding 230 mm. For grinders, the rated no-load speed does not exceed a peripheral speed of the accessory of 80 m/s at rated capacity	2025-03-30
SANS 62841-2-17:20XX Ed 1	*Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery — Safety Part 2-17: Particular requirements for hand-held routers.* This part of IEC 62841 applies to hand-held routers intended for cutting slots into or shaping the edge of wood and analogous materials, plastics and non-ferrous metals except magnesium	2025-03-30
SANS 20155:20XX Ed 1	*Uniform provisions concerning the approval of vehicles with regards to cyber security and cyber security management system.* This Regulation applies to vehicles, with regard to cyber security, of the Categories M and N	2025-03-30
SANS 61158-2:20XX Ed 1	*Industrial communication networks — Fieldbus specifications Part 2: Physical layer specification and service definition.* This part of IEC 61158 specifies the requirements for fieldbus component parts. It also specifies the media and network configuration requirements necessary to ensure agreed levels of	2025-03-30
SANS 61800-5-2:20XX Ed 2	*Adjustable speed electrical power drive systems Part 5-2: Safety requirements — Functional.* This part of IEC 61800, which is a product standard, specifies requirements and makes recommendations for the design and development, integration and validation of safety related power drive systems (PDS(SR)) in terms of their functional safety considerations. It applies to adjustable speed electrical power drive systems covered by the other parts of the IEC 61800 series of standards as referred in IEC 61800-2.	2025-03-30

SANS 61158-1:20XX Ed 1	*Industrial communication networks — Fieldbus specifications Part 1: Overview and guidance for the IEC 61158 and IEC 61784 series.* This part of IEC 61158 specifies the generic concept of fieldbuses	2025-03-30
SANS 61557-16:20XX Ed 2	*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 16: Equipment for testing the effectiveness of the protective measures of electrical equipment and/or medical electrical equipment.* This part of IEC 61557 specifies the requirements applicable to the performance for test and measurement equipment in order to determine the effectiveness of the protective measures for electrical equipment and/or medical electrical equipment described in IEC 62353	2025-03-30
SANS 61557-13:20XX Ed 2	*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 13: Hand-held and hand-manipulated current clamps and sensors for measurement of leakage currents in electrical distribution systems.* This part of IEC 61557 defines special performance requirements for hand-held and hand-manipulated current clamps and sensors for measurement of leakage currents in electrical distribution systems up to 1 000 V AC and 1 500 V DC taking into account the influence of high external low-frequency magnetic fields and other influencing quantities. See Annex A for examples of measurement applications	2025-03-30
SANS 61557-14:20XX Ed 2	*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 14: Equipment for testing the safety of electrical equipment of machinery.* This part of IEC 61557 defines special requirements for test and measurement equipment used to determine the electrical safety of electrical equipment of machinery in accordance with IEC 60204-1	2025-03-30
SANS 28927-1:20XX Ed 2	*Handheld portable power tools — Test method for evaluation of vibration emission Part 1: Angle and vertical grinders*. This document specifies a laboratory methos for measuring hand-transmitted vibration emission at the handles of hand-held power-driven angle and vertical grinders.	2025-03-30
SANS 28927-13:20XX Ed 1	*Handheld portable power tools — Test method for the evaluation of vibration Emission Part 13: Fastener driving tools.* This document specifies a laboratory method for measuring the vibration at the handle of fasterner driving tools	2025-03-30
SANS 62841-2-6:20XX Ed 1	*Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery — Safety Part 2-6: Particular requirements for hand-held hammers.* This part of IEC 62841 applies to hand-held hammers. Tools covered by this document include percussion hammers and rotary hammers, including rotary hammers with the capability to rotate only with the percussion system disengaged (drill only mode).	2025-03-30
SANS 60335-2-14:20XX Ed 5	*Household and similar electrical appliances — Safety Part 2-14: Particular requirements for kitchen machines.* This part of IEC 60335 deals with the safety of electric kitchen machines for household and similar purposes, their rated voltage being not more than 250 V	2025-03-30
SANS 60335-2-67:20XX Ed 5	*Household and similar electrical appliances — Safety Part 2-67: Particular requirements for floor treatment machines, for commercial use.* This part of IEC 60335 deals with the safety of powered floor treatment machines intended for commercial indoor or outdoor use for the following applications	2025-03-30
SANS 62841-2-11:20XX Ed 1	*Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery — Safety Part 2-11: Particular requirements for hand-held reciprocating saws.* This part of IEC 62841 applies to reciprocating saws such as jig saws and sabre saws	2025-03-30
SANS 62626-1:20XX Ed 2	*Low-voltage switchgear and controlgear enclosed equipment Part 1: Enclosed switch-disconnectors outside the scope of IEC 60947-3 to provide isolation during repair and maintenance work.* This part of IEC 62626 applies to enclosed switches-disconnectors with rated voltages up to 1 000 V AC for repair and maintenance work or cleaning work in load circuits. Devices within the scope of this document are switch-disconnectors in accordance with IEC 60947-3 with specific additional requirements. Enclosed switch-disconnectors in this document are suitable for isolation in accordance with the IEC 60947 series and are not equipped with means for remote control or automatic switching to avoid unexpected or accidental start. These devices are not used for operational switching, for example quick start and stop, jogging	2025-03-30

SANS 4628-2:20XX Ed 3	*Paints and varnishes — Evaluation of degradation of coatings — Designation of quantity and size of defects, and of intensity of uniform changes in appearance Part 2: Assessment of degree of blistering.* This part of ISO 4628 specifies a method for assessing the degree of blistering of coatings by comparison with pictorial standards	2025-03-30
SANS 15528:20XX Ed 2	*Paints, varnishes and raw materials for paints and varnishes — Sampling.* This document specifies procedures for the sampling of paints and varnishes, including coating powders, and raw materials used in their manufacture. Such products include liquids and materials which, without undergoing chemical modification, are capable of being liquefied when heated up, and powdered, granulated and pasty materials. Samples can be taken from containers, for example cans, drums, tanks, tank wagons or ships' tanks, as well as from barrels, sacks, big-bags, silos or silo wagons or conveyor belts	2025-03-30
SANS 2813:20XX Ed 3	*Paints and varnishes — Determination of gloss value at 20°, 60° and 85°*.This International Standard specifies a method for determining the gloss of coatings using the three geometries of 20°, 60° or 85°. The method is suitable for the gloss measurement of non-textured coatings on plane, opaque substrates	2025-03-30
SANS 9001:20XX Ed 5	*Quality management systems — Requirements.* This International Standard specifies requirements for a quality management system when an organization: a) needs to demonstrate its ability to consistently provide products and services that meet customer and applicable statutory and regulatory requirements, and b) aims to enhance customer satisfaction through the effective application of the system, including processes for improvement of the system and the assurance of conformity to customer and applicable statutory and regulatory requirements	2025-03-30
SANS 8196-3:20XX Ed 1	*Milk — Definition and evaluation of the overall accuracy of alternative methods of milk analysis Part 3: Protocol for the evaluation and validation of alternative quantitative methods of milk analysis.* This document specifies a protocol for the evaluation and validation of alternative quantitative methods of milk analysis. This document is also applicable for the validation of new alternative methods where, due to a limited number of operational instruments, the execution of an interlaboratory study and ISO 8196-1 | IDF 128-1 is not feasible	2025-03-30
SANS 50868-2:20XX Ed 3	*Packaging for terminally sterilized medical devices Part 2: Sterilization wrap — Requirements and test methods.* This European Standard specifies test methods and values for materials for sterile barrier systems and/or packaging systems that are intended to maintain sterility of terminally sterilized medical devices to the point of use	2025-03-30
SANS 60730-1:20XX Ed 5	*Automatic electrical controls Part 1: General requirements*. This document applies to automatic electrical controls • for use in, on, or in association with equipment for household appliance and similar use	2025-03-01
SANS 20156:20XX Ed 1	*Uniform provisions concerning the approval of vehicles with regards to software update and software updates management system.* This Regulation applies to vehicles of Categories1 M, N, O, R, S and T that permit software updates.	2025-02-28
SANS 62271-214:20XX Ed 2	*High-voltage switchgear and controlgear Part 214: Internal arc classification for AC metal-enclosed pole-mounted switchgear and controlgear for rated voltages above 1 kV and up to and including 52 Kv.* This part of IEC 62271 specifies requirements for internal arc classification of AC metal- enclosed pole-mounted switchgear and controlgear with rated voltages above 1 kV and up to and including 52 kV with service frequencies up to and including 60 Hz	2025-03-01

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 1459:20XX Ed 2.2	*Traffic lights*	Amended update referenced standards and the clauses on requirements and on inspection and methods of test	2025-03-30
SANS 1186-5:20XX Ed 1.4	*Symbolic safety signs Part 5: Photoluminescent signs*	Amended to delete the annex on notes to purchasers	2025-03-30
SANS 10117:20XX Ed 2.3	*Calculation and prediction of aircraft noise around airports for land use purposes*	Amended to update referenced standards	2025-03-30
SANS 490:20XX Ed 2.1	*Alcohol-based hand sanitiser and handrub*	Amended to update national regulation, referenced standards, the definitions, the clause on requirements, the clause on inspection and methods of test, the clause on packaging and marking, the annex on sampling and compliance with this standard, and to delete the annex on standard handrub application.	2025-03-30
SANS 581:20XX Ed 3.3	*Semi-flexible vinyl floor tiles*	Amended to delete the annex on notes to purchasers	2025-03-01
SANS 60811-201:20XX Ed 1.2	*Electric and optical fibre cables — Test methods for non-metallic materials Part 201: General tests — Measurement of insulation thickness*	Amended to delete the annex on notes to purchasers	2025-03-01
SANS 60811-508:20XX Ed 1.2	*Electric and optical fibre cables — Test methods for non-metallic materials Part 508: Mechanical tests — Pressure test at high temperature for insulation and sheaths*	Amended to provide the specification of the air-oven, to change measurement and oversheath requirements	2025-03-01
SANS 10400-M:20XX Ed 3.2	*The application of the National Building Regulations Part M: Stairways*	Amended to update the clause on requirements.	2025-02-28

For access to these draft standards, visit https://www.sabs.co.za/Standardss/

Should you wish to comment on the above documents, please send your comments to Dsscomments@sabs.co.za.

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.

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