

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 1729 OF 2023

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 60079-10-1 Ed 3	<i>Explosive atmospheres Part 10-1: Classification of areas - Explosive gas atmospheres.</i> Classifies areas where flammable gas or vapour or mist hazards may arise and may then be used as a basis to support the proper selection and installation of equipment for use in a hazardous area.	2023-05-16
SATS 60079-39 Ed 1	<i>Explosive atmospheres -Part 39: Intrinsically safe systems with electronically controlled spark duration limitation.</i> This Technical Specification specifies the construction, testing, installation and maintenance of Power-i apparatus and systems which utilise electronically controlled spark duration limitation to maintain an adequate level of intrinsic safety.	2023-05-16
SANS 60335-2-99 Ed 2	<i>Household and similar electrical appliances - Safety Part 2-99: Particular requirements for commercial electric hoods.</i> Deals with the safety of electrically operated commercial hoods intended for installation above commercial cooking appliances such as ranges, griddles, griddle grills and deep fat fryers, their rated voltage being not more than 250 V for single phase hoods connected between one phase and neutral, and 480 V for other hoods.	2023-05-19
SANS 60433 Ed 1	<i>Insulators for overhead lines with a nominal voltage above 1 000 V - Ceramic insulators for AC systems - Characteristics of insulator units of the long rod type.</i> Applicable to string insulator units of the long rod type with insulating parts of ceramic material intended for use in AC overhead power lines with a nominal voltage greater than 1 000 V and a frequency not greater than 100 Hz. It is also applicable to insulators of similar design, used in substations. This document is applicable to ceramic string insulator units of the long rod type, either with a clevis end fitting at both ends for coupling with a tongue, or with a socket end fitting at both ends for coupling with a pin ball. The object of this document is to prescribe specified values for electrical and mechanical characteristics, and for the principal dimensions of ceramic string insulator units of the long rod type.	2023-05-22
SATR 62681 Ed 1	<i>Electromagnetic performance of high voltage direct current (HVDC) overhead transmission lines.</i> Provides general guidance on the electromagnetic environment issues of HVDC overhead transmission lines.	2023-05-16
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.	2023-05-17
SANS 20344 Ed 3	<i>Personal protective equipment - Test methods for footwear.</i> This document specifies methods for testing footwear designed as personal protective equipment.	2023-05-25
SANS 20347 Ed 3	<i>Personal protective equipment - Occupational footwear.</i> Specifies basic and additional (optional) requirements for occupational footwear used for general purpose.	2023-05-25

SANS 19112 Ed 2	<i>Geographic information - Spatial referencing by geographic identifiers.</i> Defines the conceptual schema for spatial references based on geographic identifiers; it establishes a general model for spatial referencing using geographic identifiers; it defines the components of a spatial reference system and defines the essential components of a gazetteer.	2023-05-25
SANS 55010 Ed 1	<i>Asset management - Guidance on the alignment of financial and non-financial functions in asset management.</i> Provides guidelines for the alignment between financial and non-financial asset management functions, in order to improve internal control as part of an organization's management system.	2023-05-25
SANS 19650-3 Ed 1	<i>Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) - Information management using building information modelling - Part 3: Operational phase of the assets.</i>	2023-05-25
SANS 12616-1 Ed 1	<i>Terminology work in support of multilingual communication - Part 1: Fundamentals of translation-oriented terminology.</i> Specifies requirements and recommendations related to fundamentals of translation-oriented terminology for producing sound bilingual or multilingual terminology collections.	2023-05-23

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 3001-PR10 Ed 1.2	<i>Civil engineering test methods Part PR10: Checking, handling, maintenance and verification of test sieves</i>	Amended to update maximum mass permissible on sieves table.	2023-05-16
SANS 966-1 Ed 3.9	<i>Components of pressure pipe systems Part 1: Unplasticized poly(vinyl chloride) (PVC-U) pressure pipe systems.</i>	Amended to update the content of Inspection methods of test.	2023-05-16
SANS 1652 Ed 1.7	<i>Battery chargers - Industrial type.</i>	Amended to delete guide to purchasers on preparing an enquiry and to update referenced standards.	2023-05-16
SANS 1613 Ed 2.1	<i>Warp-knitted terry towelling fabric and articles.</i>	Amended to delete notes to purchasers.	2023-05-16
SANS 409 Ed 1.1	<i>8Coal and coke - Analysis and testing - Determination of trace elements - Coal, coke and fly-ash - Determination of eleven trace elements - Flame atomic absorption spectrometric method.</i>	Amended to update referenced standards.	2023-05-16
SANS 446 Ed 4.2	<i>Absorbent gauze (fabric and swabs) and butter muslin.</i>	Amended to delete notes to purchasers.	2023-05-16
SANS 1118-4 Ed 3.3	<i>School clothing Part 4: Shirts.</i>	Amended to delete the annex on notes to purchasers.	2023-05-25
SANS 1118-6 Ed 3.6	<i>School clothing Part 6: Dresses, tunics and gyms.</i>	Amended to delete the annex on notes to purchasers.	2023-05-25
SANS 118-10 Ed 1.5	<i>School clothing Part 10: Jerseys and cardigans.</i>	Amended to update referenced standards and to delete the appendix on notes to purchasers.	2023-05-25
SANS 182-5 Ed 1.4	<i>Conductors for overhead electrical transmission lines Part 5: Zinc-coated steel wires for conductors and stays.</i>	Amended to delete, an appendix on notes to purchaser, notes on the scopes and "acceptable".	2023-05-25

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 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**

Standard No. and year	Title, scope and purport
SANS 3001-GR62:2023 Ed 1	<i>Civil engineering test methods Part-GR62 Qualitative tests for carbonate, chloride and sulfate salts in soils, gravels, graded crushed rock and water.</i> Describes methods of qualitatively determining the presence of highly water-soluble bicarbonate, carbonate, chloride and sulfate salts and acid-soluble carbonates and sulfates in soil, gravel, graded crushed rock and water.
SANS 31030:2023 Ed 1	<i>Travel risk management - Guidance for organizations.</i> Gives guidance to organizations on how to manage the risk(s), to the organization and its travellers, as a result of undertaking travel. Provides a structured approach to the development, implementation, evaluation, and review of: policy, programme development, threat and hazard identification, opportunities and strengths, risk assessment, prevention and mitigation strategies. Applicable to any type of organization, irrespective of sector or size.
SANS 62913-1 2023 Ed 1	<i>Generic smart grid requirements - Part 1: Specific application of the Use Case methodology for defining generic smart grid requirements according to the IEC systems approach.</i> Describes a common approach for IEC technical committees to define generic smart grid requirements for further standardization work.
SATR 63196:2023 Ed 1	<i>Switchgear and controlgear and their assemblies for low voltage - Energy efficiency.</i> Defines the energy efficiency aspects of switchgear and controlgear products complying with IEC 60947 (all parts), IEC 61095 and IEC 62626 (all parts), and associated assemblies complying with IEC 61439 (all parts), in the context of the overall system energy efficiency.
SANS 532:2023 Ed 2	<i>Specifications for industrial, medical, propellant, food and beverage gases, refrigerants and breathing gases.</i> Defines specifications for industrial gases, medical gases, propellant gases, food and beverage gases, refrigerants and non-medical breathing gases.

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 164-0:2023 Ed 1.9	<i>Plug and socket-outlet systems for household and similar purposes for use in South Africa - Part 0: General requirements. Consolidated edition incorporating amendment No. 9.</i> Amended to update referenced standards, and the clause on requirements.
SANS 1020:2023 Ed 2.2	Power-operated dispensing devices for flammable liquid fuels. <i>Consolidated edition incorporating amendment No. 2.</i> Amended to update the note to the scope, referenced standards, definitions, the clause on requirements and to renumber sub-clauses accordingly, 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.
SANS 1044:2023 Ed 3.4	<i>Industrial laundry detergents. Consolidated edition incorporating amendment No. 4.</i> Specifies the characteristics of four types of low-foam industrial laundry detergent intended for use in industrial laundering machines for the washing, in either hard or soft water, of textiles made of cotton or of cotton-and-synthetic fibre yarns.
SANS 1661:2023 Ed 4.1	Cord extension sets and cable reels. <i>Consolidated edition incorporating amendment No. 1.</i> Amended to update the title and the scope to include cable reels, to update referenced standards, and to add the requirements for daisy chains.
SANS 60079-1:2023 Corr.5	<i>Explosive atmospheres Part 1: Equipment protection by flameproof enclosures d. Consolidated edition incorporating amendment No. 1.</i> Corrected to update the annex on additional requirements for flameproof entry devices.

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 10146:2012 Ed 3.2	<i>Laundry processes and management.</i>
SANS 10340-1:2006 Ed 1.1	<i>Installation of telecommunication cables Part 1: Fibre optic cable in buildings.</i>
SANS 10340-2:2006 Ed 1	<i>Installation of telecommunication cables Part 2: Outdoor fibre optic cables</i>

SCHEDULE B4: ESTABLISHMENT OF TECHNICAL COMMITTEES

In terms of the South African Norm for the development of South African National Standards, the following technical committee has been established:

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 B5: RETRACTION OF PREVIOUSLY GAZETTED ITEMS

Notice is hereby given that the following standards gazetted for public enquiry have been retracted.

Standard No.	Title	Scope	Date gazetted

SCHEDULE B6: GENERAL

Notice is hereby given that the following standards/draft standard have been renumbered.

Standard/draft No.	Title	Scope	New number/designation

SCHEDULE B7: 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.