

DEPARTMENT OF TRADE AND INDUSTRY

NOTICE 593 OF 2019

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 27003 Ed 2	<i>Information technology - Security techniques - Information security management systems – Guidance.</i> Focuses on the critical aspects needed for successful design and implementation of an Information Security Management System (ISMS) in accordance with ISO/IEC 27001.	2019-12-13
SANS 27004 Ed 2	<i>Information technology - Security techniques - Information security management - Monitoring, measurement, analysis and evaluation.</i> Provides guidance on the development and use of measures and measurement in order to assess the effectiveness of an implemented information security management system (ISMS) and controls or groups of controls, as specified in ISO/IEC 27001 (published in South Africa as an identical adoption under the designation SANS 27001).	2019-12-13
SANS 608 Ed 2	<i>Reference materials - Guidance for characterization and assessment of homogeneity and stability.</i> Explains concepts and provides approaches in the assessment of homogeneity, the assessment of stability and management of risks associated with possible stability issues related to the properties of interest, the characterization and value assignment of properties of a reference material, the evaluation of uncertainty for certified values and the establishment of the metrological traceability of certified property values.	2019-12-09
SATS 61724-2 Ed 1	<i>Photovoltaic system performance - Part 2: Capacity evaluation method.</i> The performance of a PV system is dependent on the weather, seasonal effects, and other intermittent issues, so measurement of the performance of a PV system is expected to give variable results. This method uses the design parameters of the plant to quantify a correction factor for comparing the plant's measured performance to the performance targeted under reference conditions. In other words, the measured performance, adjusted by the correction factor, is then compared with the target plant performance to identify whether the plant operates above or below expectations at the target reference conditions.	2019-12-10
SANS 37001 Ed 1	<i>Anti-bribery management systems - Requirements with guidance for use.</i> This document specifies requirements and provides guidance for establishing, implementing, maintaining, reviewing and improving an anti-bribery management system. The system can be stand-alone or can be integrated into an overall management system.	2019-12-13
SATS 17021-10 Ed 1	<i>Conformity assessment - Requirements for bodies providing audit and certification of management systems - Part 10 Competence requirements for auditing and certification of occupational health and safety management systems.</i> Specifies additional competence requirements for personnel involved in the audit and certification process for an occupational health and safety (OH&S) management system and complements the existing requirements of ISO/IEC 17021-1.	2019-12-02
SANS 60079-6 Ed 4	<i>Explosive atmospheres Part 6: Equipment protection by liquid immersion "o".</i> Specifies the requirements for the design, construction, testing and marking of Ex Equipment and Ex Components with type of protection oil immersion "o", intended for use in explosive gas atmospheres.	2019-12-10
SATS 80004-2 Ed 1	<i>Nanotechnologies - Vocabulary - Part 2 Nano-objects.</i> Lists terms and definitions related to particles in the field of nanotechnologies	2019-12-03
SANS 8774 Ed 1	<i>Installation of Fibre Optic Cables.</i> Provides guidance to assist the user and installer with regard to the general aspects of the installation of optical fibre cables in long haul, regional, metropolitan and access communication networks.	2019-12-02

SANS 10330 Ed 3	<i>Requirements for a Hazard Analysis and Critical Control Point (HACCP) system.</i> Contains the requirements for the development, establishment, implementation, maintenance and continual improvement of Hazard Analysis Critical Control Point(HACCP) as a preventative means to enhance the safety of food in all food handling organizations, directly or indirectly involved in the food chain.	2019-12-02
SANS 80079-38 Ed 1	<i>Explosive atmospheres - Part 38: Equipment and components in explosive atmospheres in underground mines.</i> ISO/IEC 80079-38:2016 is published as a dual logo standard and specifies the explosion protection requirements for the design, construction, assessment and information for use (maintenance, repair, marking) of equipment that may be an individual item or form an assembly. This includes machinery and components for use in mines susceptible to explosive atmospheres of firedamp and/or combustible dust. The standard atmospheric conditions (relating to the explosion characteristics of the atmosphere) under which it may be assumed that equipment can be operated are: - temperature -20 °C to 60 °C; - pressure 80 kPa (0,8 bar) to 110 kPa (1,1 bar); - and air with normal oxygen content, typically 21 % v/v. This part of ISO/IEC 80079 applies for equipment and components according to EPL Mb to be used in explosive atmospheres containing firedamp and/or combustible dust. For equipment and components according to EPL Ma, the requirements of this standard and of ISO 80079-36 and IEC 60079-0 apply. It is necessary to take account of external conditions to the equipment which may affect the hazard and the resultant protection measures. These measures may include ventilation, gas detection or gas drainage. This part of ISO/IEC 80079 also deals with the prevention of ignitions of explosive atmospheres caused by burning (or smouldering) of combustible material such as fabric fibres, plastic "O"-rings, rubber seals, lubricating oils or greases used in the construction of the equipment if such items could be an ignition source. For example, the mechanical failure of rotating shaft bearings can result in frictional heating that ignites its plastic cage, plastic seal or lubricating grease. Detailed requirements and test procedures for the fire protection of conveyer belts are not part of this part of ISO/IEC 80079.	2019-12-03
SANS 14520-9 Ed 3	<i>Gaseous fire-extinguishing systems - Physical properties and system design Part 9: HFC 227ea extinguishant.</i> Contains specific requirements for gaseous fire-extinguishing systems, with respect to the HFC 227ea extinguishant.	2019-10-14
SANS 14520-11 Ed 3	<i>Gaseous fire-extinguishing systems - Physical properties and system design - Part 11: HFC 236fa extinguishant.</i> Gives specific requirements for gaseous fire-extinguishing systems, with respect to the HFC 236fa extinguishant.	2019-10-22
SANS 50001 Ed 2	<i>Energy management systems - Requirements with guidance for use.</i> Specifies requirements for establishing, implementing, maintaining and improving an energy management system (EnMS)	2019-11-19
SANS 50455-1 Ed 1	<i>Medical gloves for single use Part 1: Requirements and testing for freedom from holes.</i> Specifies requirements for shelf life for medical gloves for single use in order to determine freedom from holes.	2019-10-08
SANS 61131-9 Ed 1	<i>Programmable controllers - Part 9: Single-drop digital communication interface for small sensors and actuators (SDCI).</i> IEC 61131-9:2013 specifies a single-drop digital communication interface technology for small sensors and actuators SDCI (commonly known as IO-Link), which extends the traditional digital input and digital output interfaces as defined in IEC 61131-2 towards a point-to-point communication link. This technology enables the transfer of parameters to Devices and the delivery of diagnostic information from the Devices to the automation system.	2019-12-10

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 508 Ed 1.2	<i>Concrete retaining blocks.</i>	Amended to update requirements, and to delete the annex on notes to purchasers.	2019-12-03
SANS 470 Ed 4.2	<i>Concrete poles for telephone, power and lighting purposes.</i>	Amended to update definitions, to update and renumber the requirements, and to delete the annex on notes to purchasers.	2019-12-03

SANS 408 Ed 1.1	<i>Coal and coke - Analysis and testing - Higher rank coal ash and coke ash - Major and minor elements - Wavelength dispersive X-ray fluorescence spectrometric method.</i>	Amended to update referenced standards.	2019-12-03
SANS 927 Ed 3.3	<i>Precast concrete kerbs, edgings and channels.</i>	Amended to update definitions and requirements, and to delete the annex on notes to purchasers.	2019-11-12
SANS 1604 Ed 1.1	<i>Biologically enhanced cleaning and degreasing products.</i>	Amended to delete the clause on Volatile Organic compounds (4.2.3.1 and 5.8) due to incapability of laboratories in South Africa to perform the tests	2019-10-15
SANS 411 Ed 1.1	<i>Coal and coke - Analysis and testing - Determination of trace elements - Determination of arsenic, antimony and selenium - Hydride generation method.</i>	Amended to update referenced standards.	2019-12-09
SANS 412 Ed 1.1	<i>Coal and coke - Analysis and testing - Determination of trace elements - Determination of boron content - ICP-AES method</i>	Amended to update referenced standards.	2019-12-09
SANS 1520-2 Ed 2.1	<i>Flexible electric trailing cables for use in mines Part 2: Cables with operating voltages of 3,8/6,6 kV to 19/33 kV.</i>	Amended to change the filling factor from 80% to 60%.	2019-12-10

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 1732:2019 Ed 1	<i>Greywater Reuse Systems - General Requirements.</i> Sets the minimum requirements for the reuse of greywater.

Standard No. and year	Title, scope and purport
SANS 60317-74:2019 Ed 1	<i>Specifications for particular types of winding wires - Part 74: Polyesterimide enamelled rectangular aluminium wire, class 180.</i> Specifies the requirements of enamelled rectangular aluminium winding wire of class 180 with a sole coating based on polyesterimide resin, which can be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements.
SANS 61869-10:2019 Ed 1	<i>Instrument transformers - Part 10: Additional requirements for low-power passive current transformers.</i> Covers only additional requirements for low-power passive current transformers.
SANS 1221:2019 Ed 3	<i>Detergent skin cleansers.</i> Specifies the characteristics of three types of detergent skin cleanser that are suitable for use in detergent dispensers.
SANS 1843:2019 Ed 3	<i>High performance engine lubricating oil for diesel engines (for API Service Category Cj-4).</i> Covers one type of engine lubricating oil suitable for the diesel engines that operate under API Service Category CJ-4.

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 975:2019 Ed 1.7	<i>Prestressed concrete pipes. Consolidated edition incorporating amendment No. 7.</i> Amended to update definitions, the subclause on materials and applicable standards
SANS 1329-3: 2019 Ed 2.4	<i>Retro-reflective and fluorescent warning signs for road vehicles Part 3: Signs other than triangles, chevron signs and abnormal load vehicle signs. Consolidated edition incorporating amendment No. 4.</i> Amended to update referenced standards.
SANS 1816:2019 Ed 2.1	<i>Electricity supply - Quality of supply: Power quality monitoring instruments specification. Consolidated edition incorporating amendment No. 1.</i> Amended to update definitions.
SANS 1261-1:2019 Ed 2.2	<i>Performance requirements for retail textiles Part 1: Household piece-goods and articles. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 1598:2019 Ed 3.1	<i>Automotive fuels - Requirements and test methods for petrol. Consolidated edition incorporating amendment No. 1.</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 607:2011	<i>General requirements for the competence of reference material producers.</i>
SANS 1973-8:2017	<i>Low-voltage switchgear and controlgear ASSEMBLIES Part 8: Safety of minimally tested ASSEMBLIES (MTA) with a rated short-circuit current above 10 kA and a rated busbar current of up to and including 1 600 A a.c. and d.c.</i>
SANS 222:2009	<i>Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement.</i>
SANS 20825:1993	<i>Environmentally acceptable hand dishwashing and light duty detergent (liquid).</i>

SCHEDULE B.4: REINSTATEMENT OF WITHDRAWN STANDARD

In terms of section 4(2) (l) the South African Bureau of Standards has established the following technical committees:

Draft Standard No. and Edition	Title	Scope of amendment	Reason

SCHEDULE B.5: ESTABLISHMENT OF TECHNICAL COMMITTEES

In terms of section 4(2) (l) the South African Bureau of Standards has established the following technical committees:

Technical Committee No.:	Title	Scope

SCHEDULE B.6: DISBANDMENT OF TECHNICAL COMMITTEES

In terms of section 4(2) (l) the South African Bureau of Standards has disbanded the following technical committees:

Technical 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.