

DEPARTMENT OF TRADE AND INDUSTRY

NOTICE 952 OF 2016

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.

SCHEDULE 1: ISSUE OF 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 1725-1:2016	<i>End user related Quality of Service parameter definitions and measurements – Part 1: GSM voice.</i> Specifies requirements, definitions and measurement methods for a range of user perceivable Quality of Service parameters specific to GSM networks.
SANS 1743:2016/ ISO 1716:2010	<i>Reaction to fire tests for products – Determination of the gross heat of combustion (calorific value).</i> Specifies a method for the determination of the gross heat of combustion of products at constant volume in a bomb calorimeter.
SANS 22514-8:2016/ ISO 22514-8:2014	<i>Statistical methods in process management – Capability and performance – Part 8: Machine performance of a multi-state production process.</i> Aims to define the evaluation method to quantify the short-term capability of a production process (capacity of the production tool, widely termed capability), i.e. the machine performance index, to ensure compliance to a tolerated measurable product characteristic, when said process does not feature any kind of sorting system.
SANS 30302:2016/ ISO 30302:2015	<i>Information and documentation – Management systems for records – Guidelines for implementation.</i> Gives guidance for the implementation of a (management systems for records) MSR in accordance with ISO 30301 (published in South Africa as an identical adoption under designation (SANS 30301)).
SANS 50071-13:2016/ EN 71-13:2014	<i>Safety of toys – Part 13: Olfactory board games, cosmetic kits and gustative games.</i> Applies to olfactory board games, cosmetic kits, gustative games and supplementary sets. Specifies requirements on the use of substances and mixtures and in some cases on their amount and concentration in olfactory board games, cosmetic kits, gustative games and supplementary sets to such games or kits.
SANS 50071-14:2016/ EN 71-14:2015	<i>Safety of toys – Part 14: Trampolines for domestic use.</i> Specifies requirements and test methods for trampolines for domestic use, their access devices and their enclosures, intended for outdoor or indoor (or both) use above ground level by one person at a time.
SANS 50958:2016/ EN 958:2010	<i>Mountaineering equipment – Energy absorbing systems for use in klettersteig (via ferrata) climbing – Safety requirements and test methods.</i> Specifies safety requirements and test methods for energy absorbing systems for use in climbing on a klettersteig (via ferrata).
SANS 51497:2016/ EN 1497:2007	<i>Personal fall protection equipment – Rescue harnesses.</i> Specifies requirements, test methods, marking and information supplied by the manufacturer for rescue harnesses.
SANS 53823:2016/ EN 13823:2010	<i>Reaction to fire tests for building products – Building products excluding floorings exposed to the thermal attack by a single burning item.</i> Specifies a method of test for determining the reaction to fire performance of construction products (excluding floorings), when exposed to thermal attack by a single burning item (SBI).
SANS 60831-1:2016/ IEC 60831-1:2014	<i>Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage up to and including 1 000 V – Part 1: General – Performance, testing and rating – Safety requirements – Guide for installation and operation.</i> Applies to both capacitor units and capacitor banks intended to be used, particularly, for power-factor correction of a.c. power systems having a rated voltage up to and including 1 000 V and frequencies 15 Hz to 60 Hz.
SANS 61010-2-030:2016/ IEC 61010-2-030:2010	<i>Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 2-030: Particular requirements for testing and measuring circuits.</i> Specifies safety requirements for testing and measuring circuits which are connected for test or measurement purposes to devices or circuits outside the measurement equipment itself.
SANS 61869-9:2016/ IEC 61869-9:2016	<i>Instrument transformers – Part 9: Digital interface for instrument transformers.</i> Defines requirements for digital communications of instrument transformer measurements.
SANS 61921:2016/ IEC 61921:2003	<i>Power capacitors – Low-voltage power factor correction banks.</i> Applicable to low-voltage a.c. capacitor banks intended to be used for power factor correction purposes, equipped with a built-in switchgear and controlgear apparatus capable of connecting to or disconnecting from the mains part(s) of the bank with the aim to correct its power factor.
SATR 21102:2016/ ISO/TR 21102:2013	<i>Adventure tourism – Leaders – Personnel competence.</i> Specifies what the market normally considers as desirable competencies and the related expected results of competencies for adventure tourism activity leaders common to any adventure tourism activity.
SATR 24774:2016/ ISO/IEC TR 24774:2010	<i>Systems and software engineering – Life cycle management – Guidelines for process description.</i> Provides guidelines for the description of processes by identifying descriptive elements and rules for their formulation.
SATR 61850-90-2:2016/ IEC TR 61850-90-2:2016	<i>Communication networks and systems for power utility automation – Part 90-2: Using IEC 61850 for communication between substations and control centres.</i> Provides a comprehensive overview of the different aspects that need to be considered while using IEC 61850 for information exchange between substations and control or maintenance centres or other system level applications.

SCHEDULE 2: AMENDMENT OF EXISTING 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 54:2016/ ISO 188:2011 (E.d 3)	<i>Rubber, vulcanized or thermoplastic – Accelerated ageing and heat resistance tests.</i> Specifies accelerated ageing or heat resistance tests on vulcanized or thermoplastic rubbers.
SANS 171:2016/ (E.d 2.2)	<i>Glassware and equipment for microbiological tests. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 226:2016/ (E.d 5.3)	<i>Water taps (metallic bodies). Consolidated edition incorporating amendment No. 3.</i> Amended to update the required subclause on easy-clean cover.
SANS 320:2016/ (E.d 4.2)	<i>Men's heavy boots, service type (Goodyear welted). Consolidated edition incorporating amendment No. 2.</i> Amended to update normative references.
SANS 321:2016/ (E.d 4.2)	The production of men's boots (Goodyear welted, with stitched or stuck-on outer soles). <i>Consolidated edition incorporating amendment No. 1.</i> Amended to update normative references.
SANS 714:2016/ (E.d 1.1)	<i>Lining leather (chrome-tanned syntan-retanned side). Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 959-1:2016/ (E.d 1.2)	<i>Photovoltaic systems for use in individual homes, schools and clinics – Part 1: Standardized requirements applicable to off-grid individual homes, schools and clinics. Consolidated edition incorporating amendment No. 2</i> Amended to change the designation "SANS 959-1/NRS 052-1" to read "SANS 959-1", to update table on descriptions of systems, applicable standards and comments, to update referenced standards, to update terms and definitions, to delete the footnote on the preservation of wooden planks and to renumber a footnote accordingly, and to update the annex on system descriptions.
SANS 959-2-2:2016/ E.d 1.1)	<i>Photovoltaic systems for use in individual homes, schools and clinics – Part 2-2: Test procedures for main components – Batteries. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation "SANS 959-2-2/NRS 052-2-2" to read "SANS 959-2-2", and to update referenced standards.
SANS 959-2-3:2016/ (E.d 1.1)	<i>Photovoltaic systems for use in individual homes, schools and clinics – Part 2-3: Test procedures for main components – Regulators, charge controllers and maximum power point trackers (MPPTs). Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation "SANS 959-2-3/NRS 052-2-3" to read "SANS 959-2-3", and to update referenced standards.
SANS 105-B02:2016/ ISO 105-B02:2014 (E.d 2)	<i>Textiles - Tests for colour fastness – Part B02: Colour fastness to artificial light: Xenon arc fading lamp test.</i> Specifies a method intended for determining the effect on the colour of textiles of all kinds and in all forms to the action of an artificial light source representative of natural daylight (D65). Applicable to white (bleached or optically brightened) textiles.
SANS 1029:2016/ (E.d 3.1)	<i>Miniature substations for rated a.c. voltages up to and including 24 kV. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation "SANS 1029/NRS 004" to read "SANS 1029", to modify the introduction, to update referenced standards, to delete the footnote in the note on plinths, and to delete a note on gaskets.
SANS 1253:2016/ (E.d 3.1)	<i>Fire-doors and fire-shutters. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 1437:2016/ (E.d 2.1)	<i>Footwear soling material and footwear sole and heel component. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 1662:2016/ (E.d 1.1)	<i>Self-ballasted LED tubular lamps for general lighting services > 50 V – Safety requirements. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, and to correct the figure on LED tubular lamp, electrical wiring of the new installation.
SANS 1695:2016/ EN 60456:2011 (E.d 1)	<i>Clothes washing machines for household use – Methods for measuring the performance.</i> Specifies methods for measuring the performance of clothes washing machines for household use, with or without heating devices utilising cold or hot water supply (or both).
SANS 1638:2016/ (E.d 3)	<i>Pneumatically powered chain hoists.</i> Specifies the characteristics of pneumatically powered chain hoists for vertical lifting involving freely suspended (unguided) loads, and non-vertical lifting and pulling applications.
SANS 5667-13:2016/ ISO 5667-13:2011 (E.d 2)	<i>Water quality – Sampling Part 13: Guidance on sampling of sludges.</i> Gives guidance on the sampling of sludges from wastewater treatment works, water treatment works and industrial processes. Is applicable to all types of sludge arising from these works and also to sludges of similar characteristics, for example septic tank sludges.
SANS 5667-14:2016/ ISO 5667-14:2014 (E.d 2)	<i>Water quality – Sampling Part 14: Guidance on quality assurance and quality control of environmental water sampling and handling.</i> Provides guidance on the selection and use of various quality assurance and quality control techniques relating to the manual sampling of surface, potable, waste, marine and ground waters.
SANS 5667-15:2016/ ISO 5667-15:2009 (E.d 2)	<i>Water quality – Sampling Part 15: Guidance on the preservation and handling of sludge and sediment samples.</i> Provides guidance on procedures for the preservation, handling and storage of samples of sewage and waterworks sludge, suspended matter, saltwater sediments and freshwater sediments, until chemical, physical, radiochemical or biological examination can be undertaken in the laboratory.

Standard No. and year	Title, scope and purport
SANS 7218:2008/ ISO 7218:2007 (E.d. 2)	<i>Microbiology of food and animal feeding stuffs – General requirements and guidance for microbiological examinations.</i> Gives general requirements and guidance for three main uses - implementation of standards for detection or enumeration of microorganisms, good laboratory practice for food microbiological laboratories, and guidance for accreditation of food microbiological laboratories.
SANS 7404-3:2016/ ISO 7404-3:2016 (E.d. 2)	<i>Methods for the petrographic analysis of coals – Part 3: Method of determining maceral group composition.</i> Specifies a method for determining the proportions of the maceral groups (and the minerals, if desired) in coals. Concerned only with determinations made on polished particulate blocks using incident white light.
SANS 7404-5:2016/ ISO 7404-5:2009 (E.d. 2)	<i>Methods for the petrographic analysis of coals – Part 5: Method of determining microscopically the reflectance of vitrinite.</i> Specifies the methods for determining the reflectance of vitrinite of coals microscopically on the polished surfaces, immersed in oil. Applicable to coals from single seams or coal blends covering the whole range of low-, medium-, and high-rank coal.
SANS 10198-8:2016 (E.d. 2.2)	<i>The selection, handling and installation of electric power cables of rating not exceeding 33 kV – Part 8: Cable laying and installation. Consolidated edition incorporating amendment No. 2.</i> Amended to delete the acknowledgement and the reference to legislation, to update referenced standards, and to renumber the figures.
SANS 10400-D:2016 (E.d. 3.1)	<i>The application of the National Building Regulations – Part D: Public safety. Consolidated edition incorporating amendment No. 1.</i> Amended to delete the note to the scope, and to remove the annex on National Building Regulations Part D: Public Safety.
SANS 12353:2016/ EN 12353:2013 (E.d. 3)	<i>Chemical disinfectants and antiseptics – Preservation of test organisms used for the determination of bactericidal (including Legionella), mycobactericidal, sporicidal, fungicidal and virucidal (including bacteriophages) activity.</i> Specifies methods for keeping test organisms used and defined for the determination of bactericidal (incl. Legionella pneumophila), mycobactericidal, sporicidal, fungicidal and virucidal (incl. bacteriophages) activity of chemical disinfectants and antiseptics.
SANS 53138-1:2016/ EN 13138-1:2014 (E.d. 3)	<i>Buoyant aids for swimming instruction – Part 1: Safety requirements and test methods for buoyant aids to be worn.</i> Specifies safety requirements for construction, performance, sizing, marking and information supplied by the manufacturer for swimming aids intended to assist beginners with movement through the water while learning to swim or while learning part of a swimming stroke.
SANS 53138-2:2016/ EN 13138-2:2014 (E.d. 3)	<i>Buoyant aids for swimming instruction – Part 2: Safety requirements and test methods for buoyant aids to be held.</i> Specifies safety requirements for construction, performance, sizing and marking for swimming devices intended to assist users with movement through the water in the early stages of water awareness, while learning to swim or while learning part of a swimming stroke.
SANS 53138-3:2016/ EN 13138-3:2014 (E.d. 3)	<i>Buoyant aids for swimming instruction – Part 3: Safety requirements and test methods for swim seats to be worn.</i> Specifies safety requirements for design, sizing, materials, strength and in-water performance as well as provisions for marking and the information supplied by the manufacturer for swim seats.
SANS 60079-10-1:2016/ IEC 60079-10-1:2015 (E.d. 2)	<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.
SANS 60909-0:2016/ IEC 60909-0:2016 (E.d. 2)	<i>Short-circuit currents in three-phase a.c. systems – Part 0: Calculation of currents.</i> Applies to the calculation of short circuit currents in low-voltage three-phase AC systems and in high-voltage three phase systems operating at a nominal frequency of 50 Hz or 60 Hz.
SANS 60269-2:2016/ IEC 60269-2:2010 (E.d. 4.1)	<i>Low-voltage fuses – Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) - Examples of standardized systems of fuses A to K. Consolidated edition incorporating IEC amendment No. 1.</i> Amended to update the requirements on fuse system A - Fuses with fuse-links with blade contacts (NH fuse system), fuse system F - Fuses with fuse-links having cylindrical contact caps (NF cylindrical fuse system), fuse system H - Fuses with fuse-links having "gD" and "gN" characteristics (class J class T and class L time delay and non time delay fuse types), fuse system J-Fuses with fuse-links having "gD class CC" and "gN class CC" characteristics (class CC time delay and non-time delay fuse types) and fuse system K - gK fuse-links with blade contacts for bolted connections - high current fuse-link ratings from 1 250 A up to 4 800A (Master fuse-links).
SANS 60269-4:2016/ IEC 60269-4:2016 (E.d. 3.2)	<i>Low-voltage fuses – Part 4: Supplementary requirements for fuse-links for the protection of semiconductor devices. Consolidated edition incorporating IEC amendment No. 1.</i> Amended to update the scope and reference standards, to update the requirements on conditions for operation in service, characteristics of fuses, standard conditions for constructions, tests and annex on examples of standardized fuse-links for the protection of semiconductor devices.
SANS 60865-2:2016/ IEC/TR 60865-2:2015 (E.d. 2)	<i>Short-circuit currents - Calculation of effects – Part 2: Examples of calculations.</i> Covers the application of procedures for the calculation of mechanical and thermal effects due to short circuits as presented in IEC 60865-1 (published in South Africa as an identical adoption under the designation SANS 60865-1) and is an addition to IEC 60865-1.
SANS 61850-7-410:2016/ IEC 61850-7-410:2015 (E.d. 1.1)	<i>Communication networks and systems for power utility automation – Part 7-410: Basic communication structure - Hydroelectric power plants - Communication for monitoring and control: Consolidated edition incorporating IEC amendment No. 1.</i> Amended to change the title, to update abbreviated terms, requirements on logical node classes and data attribute semantics
SANS 61914:2016/ IEC 61914:2015 (E.d. 2)	<i>Cable cleats for electrical installations.</i> Specifies requirements and tests for cable cleats and intermediate restraints used for securing cable in electrical installations.

Standard No. and year	Title, scope and purport
SANS 62282-3-200:2016/ IEC 62282-3:2015 (E.d 2)	<i>Fuel cell technologies – Part 3-200: Stationary fuel cell power systems - Performance test methods.</i> Specifies operational and environmental aspects of the stationary fuel cell power systems performance.
SANS 62560:2016/ IEC 62560:2015 (E.d 1.1)	<i>Self-ballasted LED-lamps for general lighting services by voltage > 50 V – Safety specification. Consolidated edition incorporating IEC amendment No. 1.</i> Amended to add photo biological safety, to update clauses on interchangeability, insulation resistance and electric strength, mechanical strength fault condition, abnormal operation, test conditions for dimmable lamps and information on the luminaire design.

SCHEDULE 3: WITHDRAWAL OF STANDARDS

In terms of section 24(1)(C) of the Standards Act, the following standards have been withdrawn.

Standard No. and year	Title
SANS 9048:1987	<i>Building construction - Jointing products - Determination of extrudability of sealants using standardized apparatus.</i>

SCHEDULE 4: ESTABLISHMENT OR DISBANDMENT OF TECHNICAL COMMITTEES

In terms of section 4(2) (l) the SABS has established 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 rose.masha@sabs.co.za for more information.

SCHEDULE 5: WITHDRAWAL OF INFORMATIVE AND NORMATIVE DOCUMENTS

In terms of section 24(5) of the Standards Act, the following documents have being considered withdrawn.

NONE

SCHEDULE 6: ADDRESSES OF SABS OFFICES

The addresses of offices of the South African Bureau of Standards where copies of standards mentioned in this notice can be obtained, are as follows:

1. Gauteng head office, 1 Dr Lategan Road, Groenkloof, Private Bag X191, Pretoria 0001.
2. Western Cape Regional Office, SABS, Liesbeek Park Way, Rosebank, PO Box 615, Rondebosch 7701.
3. Eastern Cape Regional Office, SABS, 30 Kipling Road, cor. Diaz and Kipling Roads, Port Elizabeth, PO Box 3013, North End 6056.
4. KwaZulu-Natal Regional Office, SABS, 15 Garth Road, Waterfall Park, Durban, PO Box 30087, Mayville 4058.