

DEPARTMENT OF TRADE AND INDUSTRY

NOTICE 329 OF 2017

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
ARP 1049-1:2017	<i>Wildlife rehabilitation– Specific housing requirements– Part 1:Birds.</i> Addresses specific housing requirements for birds undergoing rehabilitation.
ARP 10337:2017/ ISO/IEC GUIDE 37:2012	<i>Instructions for use of products by consumers.</i> Establishes principles and gives recommendations on the design and formulation of instructions for use of products by consumers.
SANS 555-2:2017	<i>Fluids for electrotechnical applications – Part 2: Unused uninhibited mineral insulating oils for transformers and switchgear.</i> Specifies requirements and test methods for unused mineral insulating oils for use in transformers, switchgear and similar electrical equipment in which oil is required for insulation and heat transfer.
SANS 555-4:2017	<i>Fluids for electrotechnical applications – Part 4: Recycled uninhibited mineral insulating oils for transformers and switchgear.</i> Specifies requirements for recycled mineral insulating oils intended for use in transformers, switchgear, and similar electrical equipment in which oil is required for insulation and heat transfer.
SANS 1744:2017	<i>Insulation for special equipment used in refrigerated transport – Requirements and test methods.</i> Covers the testing of thermal efficiency (K-coefficient) and performance of equipment designed for the carriage of temperature controlled products.
SANS 1750:2017	<i>Servicing valves for domestic terminal water fittings or appliances.</i> Specifies requirements for materials, design, construction, workmanship and testing of servicing valves for domestic terminal water fittings or appliances, suitable for a maximum working pressure of 600 kPa and a temperature of 70 degrees Celsius.
SANS 1752:2017	<i>Strategic Facilities Management System – Requirements.</i> Specifies requirements for a Strategic Management System where an organization needs to demonstrate its ability to consistently manage its facilities effectively and efficiently and aims to enhance customer satisfaction through the effective application and continual improvement of the system.
SANS 1784:2017/ ISO 10320:1999	<i>Geotextiles and geotextile-related products – Identification on site.</i> Specifies the information accompanying geotextiles and geotextile-related products to enable the user on site to identify the goods as being identical to the goods ordered.
SANS 4696-1:2017/ ISO 4696-1:2015	<i>Iron ores for blast furnace feedstocks – Determination of low-temperature reduction-disintegration indices by static method Part 1: Reduction with CO, CO₂, H₂ and N₂.</i> Gives a method to provide a relative measure for evaluating the degree of size degradation of iron ores when reduced with carbon monoxide, carbon dioxide, hydrogen, and nitrogen, under conditions resembling those prevailing in the low-temperature reduction zone of a blast furnace.
SANS 9623:2017/ ISO 10204:2015	<i>Iron ores – Determination of magnesium – Flame atomic absorption spectrometric method.</i> Specifies a flame atomic absorption spectrometric method for the determination of the mass fraction of magnesium in iron ores.
SANS 12925-1:2017/ ISO 12925-1:1996	<i>Lubricants, industrial oils and related products (class L) – Family C (Gears) – Part 1: Specification for lubricants for enclosed gear systems.</i> Covers the specifications relative to family C (gears) for lubricants, industrial oils and related products of Class L (see ISO 6743-6).
SANS 20703:2017/ ISO 20703:2006	<i>Gas cylinders – Refillable welded aluminium-alloy cylinders – Design, construction and testing.</i> Specifies minimum requirements for the material, design, construction and workmanship, manufacturing processes and tests at manufacture of refillable, transportable, welded aluminium-alloy gas cylinders of water capacities from 0,5 l up to and including 150 l, and of a test pressure not greater than 60 bar (6 MPa) for compressed, liquefied and dissolved gases.
SANS 50081-50:2017/ EN 81-50:2014	<i>Safety rules for the construction and installation of lifts – Examinations and tests – Part 50: Design rules, calculations, examinations and tests of lift components.</i> Gives design rules, calculations, examinations and tests of lift components which are referred to by other standards used for the design of passenger lifts, goods passenger lifts, goods only lifts, and other similar types of lifting appliances.
SANS 54470-1:2017	<i>Fire safety cabinets – Part 1: Safety storage cabinets for flammable liquids.</i> Specifies the performance requirements for fire safety cabinets to be used for the storage of flammable liquids.
SANS 61058-1-1:2017/ IEC 61058-1-1:2016	<i>Switches for appliances – Part 1-1: Requirements for mechanical switches.</i> Applies to mechanical switching devices and shall be used in conjunction with the requirements of IEC 61058-1 (published in South Africa as an identical adoption under the designation SANS 61058-1).
SANS 61869-6:2017/ IEC 61869-6:2016	<i>Instrument transformers – Part 6: Additional general requirements for low-power instrument transformers.</i> Covers only additional general requirements for low-power instrument transformers (LPIT) used for a.c. applications having rated frequencies from 15 Hz to 100 Hz covering MV, HV and EHV or used for d.c. applications.

Standard No. and year	Title, scope and purport
SANS 62056-3-1:2017/ IEC 62056-3-1:2013	<i>Electricity metering data exchange – The DLMS/COSEM suite– Part 3-1: Use of local area networks on twisted pair with carrier signalling.</i> Describes three profiles for local bus data exchange with stations either energized or not.
SANS 62264-1:2017/ IEC 62264-1:2013	<i>Enterprise-control system integration – Part 1: Models and terminology.</i> Describes the manufacturing operations management domain (Level 3) and its activities, and the interface content and associated transactions within Level 3 and between Level 3 and Level 4.

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 97:2017/ (E.d 7.2)	<i>Electric cables – Impregnated paper-insulated metal-sheathed cables for rated voltages 3,3/3,3 kV to 19/33 kV (excluding pressure assisted cables). Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 151:2017/ (E.d 8.1)	<i>Fixed electric storage water heaters. Consolidated edition incorporating amendment No. 1.</i> Amended to add gas burners to the scope, to update normative references, to update safety requirements for gas water heaters, to revise materials requirements for water container shell, to update requirements for casing (outer cover) and cistern, to update requirements for pipe connectors, to update requirements for immersion heaters and thermostats, to update requirements for standing loss, to update requirements for mechanical strength test of water container, to update a note and requirements for standing loss test (standard, solar without associated solar collector, and heat pump water heaters), to update requirements for test for cathodic protection, to update requirements for tests of polyethylene lined steel storage containers on materials, construction methods and tests for hot water storage containers.
SANS 164-0:2017/ (E.d 1.4)	<i>Plug and socket-outlet systems for household and similar purposes for use in South Africa – Part 0: General and safety requirements. Consolidated edition incorporating amendment No. 4.</i> Amended to update referenced standards, to update general requirements, and to include the requirements on USB outlets for fixed installation.
SANS 164-4:2017/ (E.d 1.3)	<i>Plug and socket-outlet systems for household and similar purposes for use in South Africa – Part 4: Dedicated system, 16 A 250 V a.c.. Consolidated edition incorporating amendment No. 3.</i> Amended to introduce tolerances on standard sheets 4-1-1, 4-1-2 and 4-1-3, and to replace the word "maximum" by "minimum" on the explanation of reference numbers on standards sheets 4-2-1, 4-2-2 and 4-2-3 on reference number 2 where a dimension of 9,5 mm min. is specified on all drawings.
SANS 381:2017/ ASTM D 857:2012 (E.d 2)	<i>Standard test method for aluminium in water.</i> Covers the direct flame atomic absorption determination of aluminum in the nitrous oxide-acetylene flame. Applicable to waters containing dissolved and total recoverable aluminum in the range from 0.5 to 5.0 mg/L.
SANS 473:2017/ (E.d 2.1)	<i>Automated meter reading for large power users. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation "SANS 473/NRS 071" to read "SANS 473", and to update the introduction, scope, abbreviations and the requirements for accuracy class.
SANS 534-1:2017/ (E.d 4)	<i>Vehicle security – Whole-of-vehicle marking – Part 1: Microdot systems.</i> Describes the characteristics and methods of fitment of unique identification carriers, called microdots, to vehicles and also the processes required to ensure the integrity, authenticity and confidentiality of the entire microdot production, supply, storage and fitment systems.
SANS 587:2017/ (E.d 3)	<i>Canned fish, canned marine molluscs and canned crustaceans, and products derived therefrom.</i> Covers the manufacture, production, processing, and treatment of canned fish, canned fish products, canned marine molluscs, canned marine mollusc products, canned crustaceans and canned crustacean products.
SANS 700:2017/ (E.d 1.1)	<i>Side upper leather (with a smooth corrected grain). Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 1224:2017/ (E.d 1.4)	<i>Polish stripper. Consolidated edition incorporating amendment No. 4.</i> Amended to delete the subclause on storage stability, and to update the subclause on materials (filter paper).
SANS 1344:2017/ (E.d 2.2)	<i>Medium duty solvent detergent. Consolidated edition incorporating amendment No. 2.</i> Amended to delete the subclauses on storage stability, and the footnote on standard soiled cotton swatches in the clause on cleaning efficiency.
SANS 1420:2017/ (E.d 1.3)	<i>Bed bases (spring upholstered). Consolidated edition incorporating amendment No. 3.</i> Amended to update referenced standards.
SANS 1601:2017/ (E.d 2.3)	<i>Structured wall pipes and fittings of unplasticized poly(vinyl chloride) (PVC-U) for buried drainage and sewerage systems. Consolidated edition incorporating amendment No. 3.</i> Amended to update a referenced standard.
SANS 1827:2017/ (E.d 1.6)	<i>The safety of water treatment chemicals for use in the food industry. Consolidated edition incorporating amendment No. 6.</i> Amended to include requirements for storage stability, and to re-number the subclauses accordingly.
SANS 1853:2017/ (E.d 2)	<i>Disinfectants, detergent-disinfectants and antiseptics for use in the food industry.</i> Specifies general requirements for disinfectants, detergent-disinfectants including antiseptics (i.e. anti-bacterial hand soap and cleaners) intended for use in the food industry.

Standard No. and year	Title, scope and purport
SANS 1973-1:2017/ (E.d 1.1)	<i>Low-voltage switchgear and controlgear ASSEMBLIES – Part 1: Type-tested ASSEMBLIES with stated deviations and a rated short-circuit withstand strength above 10 kA. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 5187:2017/ (E.d 2.1)	<i>Fatty matter content of soap products. Consolidated edition incorporating amendment No. 1.</i> Amended to update the test procedure, and to add a table on sample quantities.
SANS 6938:2017/ ISO 6938:2012 (E.d 2)	<i>Textiles – Natural fibres – Generic names and definitions.</i> Gives the generic names and the definitions of the most important natural fibres according to their specific constitution or origin.
SANS 7816-4:2017/ ISO/IEC 7816-4:2013 (E.d 3)	<i>Identification cards – Integrated circuit cards – Part 4: Organization, security and commands for interchange.</i> Specifies contents of command-response pairs exchanged at the interface, means of retrieval of data elements and data objects in the card, structures and contents of historical bytes to describe operating characteristics of the card, structures for applications and data in the card, as seen at the interface when processing commands.
SANS 10089-2:2017/ (E.d 3.1)	<i>The petroleum industry – Part 2: Electrical and other installations in the distribution and marketing sector. Consolidated edition incorporating amendment No. 1.</i> Amended to update the foreword, to update referenced standards, to update definitions, to modify the clause on certification requirements for explosion-protected apparatus, to update the information on selection criteria of explosion-protected apparatus, to modify the note to the clause on installation, maintenance, inspection and repair, and to delete the annex on other requirements.
SANS 10142-1:2017/ (E.d 2)	<i>The wiring of premises – Part 1: Low-voltage installations.</i> Applies to electrical installations of residential premises, commercial premises, public premises, industrial premises, prefabricated buildings, fixed surface installations on mining properties, construction and demolition site installations, agricultural and horticultural premises, caravan sites and similar sites, marinas, pleasure craft and house boats, medical locations, exhibitions, fairs and other temporary installations, extra low voltage lighting installations, electrical installations for street lighting and street furniture, and equipment enclosures (structures that provide physical and environmental protection for telecommunication equipment). Covers circuits supplied at nominal voltages up to and including 1 000 V a.c. or 1 500 V d.c.
SANS 10216:2017/ (E.d 6)	<i>Evaluation of vehicle test stations.</i> Covers general provisions for the evaluation of the technical competence of a vehicle test station authority. Serves as a basis for determining the grading and registration of the authority on the grounds of its adherence to the provisions of this standard, the suitability of the equipment and the competence of registered examiners of vehicles employed.
SANS 10263-0:2017/ (E.d 1. 3)	<i>The warehousing of dangerous goods – Part 0: General requirements. Consolidated edition incorporating amendment No. 3.</i> Amended to update the foreword, to update referenced standards, and to add a note on the annex on competent authority designation.
SANS 60335-2-69:2017/ IEC 60335-2-69:2016 (E.d. 5)	<i>Household and similar electrical appliances – Safety – Part 2-69: Particular requirements for wet and dry vacuum cleaners, including power brush, for commercial use.</i> Household and similar electrical appliances – Safety – Part 2-69: Deals with the safety of electrical motor-operated vacuum cleaners, including back-pack vacuum cleaners, and dust extractors, for wet suction, dry suction, or wet and dry suction, intended for commercial indoor or outdoor use with or without attachments.
SANS 60529:2013/ IEC 60529:2013 (E.d 1.2)	<i>Degrees of protection provided by enclosures (IP Code). Consolidated edition incorporating amendment No. 2.</i> Technical corrigendum. Corrected to change the tolerances on dimensions without specific tolerance on a figure for jointed test finger..
SANS 60947-2:2017/ IEC 60947-2:2010 (E.d. 5)	<i>Low-voltage switchgear and controlgear – Part 2: Circuit-breakers.</i> Applies to circuit-breakers, the main contacts of which are intended to be connected to circuits, the rated voltage of which does not exceed 1 000 V a.c. or 1 500 V d.c.

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 5072:2005/ ISO 5072:1997	<i>Brown coals and lignites – Determination of true relative density and apparent relative density.</i>
SANS 60811-1-1:2001/ IEC 60811-1-1:2001	<i>Common test methods for insulating and sheathing materials of electric cables and optical cables – Part 1-1: Methods for general application – Measurement of thickness and overall dimensions – Tests for determining the mechanical properties.</i>
SANS 60811-1-2:1985/ IEC 60811-1-2:1985	<i>Common test methods for insulating and sheathing materials of electric and optical cables – Part 1: Methods for general application Section 2: Thermal ageing methods.</i>
SANS 60811-1-4:1985/ IEC 60811-1-4:1985	<i>Common test methods for insulating and sheathing materials of electric and optical cables – Part 1-4: Methods for general application - Test at low temperature.</i>
SANS 60811-2-1:2003/ IEC 60811-2-1:2003	<i>Common test methods for insulating and sheathing materials of electric and optical cables – Part 2-1: Methods specific to elastomeric compounds - Ozone resistance, hot set and mineral oil immersion tests.</i>

SANS 60811-3-1:1985/ IEC 60811-3-1:1985	<i>Common test methods for insulating and sheathing materials of electric cables – Part 3: Methods specific to PVC compounds Section 1 – Pressure test at high temperature – Tests for resistance to cracking.</i>
SANS 60811-4-1:2004/ IEC 60811-4-1:2004	<i>Insulating and sheathing materials of electric and optical cables – Common test methods – Part 4-1: Methods specific to polyethylene and polypropylene compounds – Resistance to environmental stress cracking – Measurement of the melt flow index – Carbon black and/or mineral filler content measurement in polyethylene by direct combustion – Measurement of carbon black content by thermogravimetric analysis (TGA) – Assessment of carbon black dispersion in polyethylene using a microscope.</i>

SCHEDULE 4: ESTABLISHMENT OR DISBANDMENT OF TECHNICAL COMMITTEES

In terms of section 4(2) (1) 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.