

DEPARTMENT OF TRADE AND INDUSTRY

NOTICE 533 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 15686-1:2016/ ISO 15686-1:2011	<i>Buildings and constructed assets – Service life planning – Part 1: General principles and framework.</i> Identifies and establishes general principles for sustainability in building construction. Is based on the concept of sustainable development as it applies to the life cycle of buildings and other construction works, from their inception to the end of life. Is applicable to buildings and other construction works individually and collectively, as well as to the materials, products, services and processes related to the life cycle of buildings and other construction works.
SANS 15962:2016/ ISO/IEC 15962:2013	<i>Information technology – Radio frequency identification (RFID) for item management – Data protocol: data encoding rules and logical memory functions.</i> Deals with the processing of data and its presentation to the RF tag, and the initial processing of data captured from the RF tag. Focuses on encoding the transfer syntax, as defined in ISO/IEC 15961 according to the application commands also defined in ISO/IEC 15961.
SANS 19115-1:2016/ ISO 19115-1:2014	<i>Geographic information – Metadata – Part 1: Fundamentals.</i> Defines the schema required for describing geographic information and services by means of metadata. Provides information about the identification, the extent, the quality, the spatial and temporal aspects, the content, the spatial reference, the portrayal, distribution, and other properties of digital geographic data and services.
SANS 19136-2:2016/ ISO 19136-2:2015	<i>Geographic information – Geography Markup Language (GML) – Part 2: Extended schemas and encoding rules.</i> Defines the XML Schema syntax, mechanisms and conventions used in the Geography Markup Language (GML).
SANS 19147:2016/ ISO 19147:2015	<i>Geographic information – Transfer Nodes.</i> Specifies the data types and code lists associated with those types for the implementation of transfer nodes and their services in transport modelling and location based services.
SANS 19150-2:2016/ ISO 19150-2:2015	<i>Geographic information – Ontology – Part 2: Rules for developing ontologies in the Web Ontology Language (OWL).</i> Defines rules and guidelines for the development of ontologies to support better the interoperability of geographic information over the Semantic Web.
SANS 19162:2016/ ISO 19162:2015	<i>Geographic information – Well-known text representation of coordinate reference systems.</i> Defines the structure and content of a text string implementation of the abstract model for coordinate reference systems described in ISO 19111:2007 (published in South Africa as an identical adoption under the designation SANS 19111:2009) and ISO 19111-2:2010 (published in South Africa as an identical adoption under the designation SANS 19111-2:2009).
SANS 24156-1:2016/ ISO 24156-1:2014	<i>Graphic notations for concept modelling in terminology work and its relationship with UML – Part 1 Guidelines for using UML and Mind mapping notation in terminology work.</i> Gives guidelines for using a subset of UML symbols independent of their normal UML meaning, to represent concepts in concept models that result from concept analysis.
SANS 24617-1:2016/ ISO 24617-1:2012	<i>Language resource management – Semantic annotation framework (SemAF) – Part 1: Time and events (SemAF-Time, ISO-TimeML).</i> Specifies a formalized XML-based markup language called ISO-TimeML, with a systematic way to extract and represent temporal information, and to facilitate the exchange of temporal information, both between operational language processing systems and between different temporal representation schemes.
SANS 29167-11:2016/ ISO/IEC 29167-11:2014	<i>Information technology – Automatic identification and data capture techniques – Part 11: Crypto suite PRESENT-80 security services for air interface communications.</i> Defines the crypto suite for PRESENT-80 for the ISO/IEC 18000 air interface standards for radio frequency identification (RFID) devices.
SANS 3001-AG11:2016/ EN 1097-8:2009	<i>Civil engineering test methods – Part AG11: Tests for mechanical and physical properties of aggregates – Determination of the polished stone value.</i> Describes the reference method used for type testing and in cases of dispute for determining the polished stone value of a coarse aggregate used in road surfacings.
SATR 38502:2016/ ISO/IEC TR 38502:2014	<i>Information technology – Governance of IT – Framework and model.</i> Provides guidance on the nature and mechanisms of governance and management of IT together with the relationships between them within an organization.
SANS 62443-2-1:2016/ IEC 62443-2-1:2010	<i>Industrial communication networks – Network and system security – Part 2-1: Establishing an industrial automation and control system security program.</i> Defines the elements necessary to establish a cyber security management system for industrial automation and control systems and provides guidance on how to develop those elements.
SATR 62443-3-1:2016/ IEC/TR 62443-3-1:2009	<i>Industrial communication networks – Network and system security – Part 3-1: Security technologies for industrial automation and control systems</i> Provides a current assessment of various cybersecurity tools, mitigation counter-measures, and technologies that may effectively apply to the modern electronically based IACSs regulating and monitoring numerous industries and critical infrastructures.
SANS 62756-1:2016/ IEC 62756-1:2015	<i>Digital load side transmission lighting control (DLT) – Part 1: Basic requirements.</i> Specifies protocol, electrical interface and test procedures for control of electronic lighting equipment by digital signals over the load side mains wiring. Safety requirements are excluded.

Standard No. and year	Title, scope and purport
SANS 62838:2016/ IEC 62838:2015	<i>LEDsi lamps for general lighting services with supply voltages not exceeding 50 V a.c. r.m.s. or 120 V ripple free d.c. - Safety specifications.</i> Specifies the safety and interchangeability requirements, together with the test methods and conditions, required to show compliance of LED lamps with integrated means for stable operation, intended for domestic and similar general lighting purposes.
SANS 301908-13:2016/ ETSI EN 301908-13:2013	<i>IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive; Part 13: Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE).</i> Applies to radio equipment type User Equipment for Evolved Universal Terrestrial Radio Access (E-UTRA).

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 164-0:2016 (E.d 1.3)	<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. 3.</i> Amended to update referenced standards and to change the clause on requirements.
SANS 289:2016 (E.d 1.6)	<i>Labelling requirements for prepackaged products (prepackages) and general requirements for the sale of goods subject to legal metrology control. Consolidated edition incorporating amendment No. 6.</i> Amended to delete reference to legislation, to update the clause on declared net quantity of the prepackages product, to update the table on expression of quantity and prescribed quantities, and to update the notes in the annex on type size of letters and numerals for statements of net quantity on consumer packages.
SANS 712:2016 (E.d 1.1)	<i>Printed side upper leather. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 942:2016 (E.d 2.5)	<i>Children's, youths', and maids' school shoes with direct injection-moulded soles and heels. Consolidated edition incorporating amendment No. 5.</i> Amended to change the requirements in the clauses on type and method of construction, materials and components, constructional requirements and inspection and methods of test, and to update referenced standards.
SANS 973:2016 (E.d 1.1)	<i>Number plate carriers. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 1116-1:2016 (E.d 3.1)	<i>Retro-reflective number plates for motor vehicles – Part 1: Blank plates (aluminium). Consolidated edition incorporating amendment No. 1.</i> Amended to update requirements for graphics.
SANS 1116-2:2016 (E.d 5.1)	<i>Retro-reflective number plates for motor vehicles – Part 2: Number plates (aluminium). Consolidated edition incorporating amendment No. 1.</i> Amended to update requirements for graphics.
SANS 1116-4:2016 (E.d 5.1)	<i>Retro-reflective number plates for motor vehicles – Part 4: Number plates (plastics). Consolidated edition incorporating amendment No. 1.</i> Amended to update requirements for graphics.
SANS 1240:2016 (E.d 2.3)	<i>Automatic shut-off flush valves for water closets and urinals. Consolidated edition incorporating amendment No. 3.</i> Amended to update reference to clause for back siphonage.
SANS 1418-2:2016/ (E.d 1.7)	<i>Aerial bundled conductor systems – Part 2: Assembled insulated conductor bundles. Consolidated edition incorporating amendment No. 7.</i> Amended to update requirements for the clause on tensile strength and breaking force of conductors, and to update referenced standards.
SANS 1543:2016 (E.d 2.4)	<i>Escalators and passenger conveyors. Consolidated edition incorporating amendment No. 4.</i> Amended to modify the annex on the comprehensive report for escalators and passenger conveyors (annex B).
SANS 1545-1:2016/ (E.d 3.6)	<i>Safety rules for the construction and installation of lifts – Part 1: Electric lifts. Consolidated edition incorporating amendment No. 6.</i> Amended to update the annex on comprehensive report for electric lifts (annex B).
SANS 1545-2:2016/ (E.d 3.5)	<i>Safety rules for the construction and installation of lifts – Part 2: Hydraulic lifts. Consolidated edition incorporating amendment No. 5.</i> Amended to update the annex on comprehensive report for hydraulic lifts (annex B).
SANS 1574-2:2016 (E.d 1.1)	<i>Electric flexible cables with solid extruded dielectric insulation – Part 2: PVC insulated flexible cables for domestic, office and similar environments (cords). Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, to correct the numbering of subclauses, and to modify the requirements for packing and marking.
SANS 1755:2016 (E.d 1.4)	<i>Petroleum jelly (petrolatum). Consolidated edition incorporating amendment No. 4.</i> Amended to remove reference to the certification mark, and to update definitions.
SANS 10198-13 (E.d 2)	<i>The selection, handling and installation of electric power cables of rating not exceeding 33 kV – Part 13: On-site testing, commissioning, maintenance, diagnostics and fault location.</i> Deals with the practical aspects of handling and installing cables. Covers the on-site testing, commissioning, maintenance, diagnostics and fault location of cables.
SANS 10222-3:2016 (E.d 5)	<i>Electrical security installations – Part 3: Electric fences (non-lethal) and manufacture requirements.</i> Gives additional instructions for the manufacturing, installation and connection of electric fences to those given in SANS 60335-2-76 (published in South Africa as an identical adoption under the designation SANS 60335-2-76).

Standard No. and year	Title, scope and purport
SANS 10400-A:2016 (E.d 3.1)	<i>The application of the National Building Regulations – Part A: Consolidated edition incorporating amendment No. 1.</i> General principles and requirements. Amended to update referenced standards and the annex on forms that is referenced in the National Building Regulations to include energy usage in buildings.
SANS 60079-5:2016/ IEC 60079-5:2015 (E.d 4)	<i>Explosive atmospheres – Part 5: Equipment protection by powder filling "q".</i> Contains specific requirements for the construction, testing and marking of electrical equipment, parts of electrical equipment and Ex components in the type of protection powder filling "q", intended for use in explosive gas atmospheres.
SANS 60598-2-5:2016/ IEC 60598-2-5:2015 (E.d 2)	<i>Luminaires – Part 2-5: Particular requirements – Floodlights.</i> Specifies requirements for floodlights for use with electrical light sources on supply voltages not exceeding 1 000 V.

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 779:1972	<i>Invalid chairs.</i>
SANS 1271:1999	<i>Sterilized mepivacaine hydrochloride injection for dental use.</i>
SANS 1337:1982	<i>Dental zinc oxide-eugenol impression paste.</i>
SANS 5573:1970	<i>Pesticides: Insecticidal oil-based space sprays in low-pressurized dispensers: determination of staining effect on painted surfaces.</i>
SANS 5574:1970	<i>Pesticides: Insecticidal oil-based space sprays in low-pressurized dispensers: determination of staining effect on multifibre test fabric.</i>
SANS 5891:2003	<i>Pesticides – Flammability of aerosols (flame projection test).</i>
SANS 6262:1995/ ISO 8243:1991	<i>Cigarettes – Sampling.</i>
SANS 6471:2003/ ISO 6471:1994	<i>Rubber, vulcanized – Determination of crystallization effects under compression.</i>
SANS 9126-1:2003/ ISO/IEC 9126-1:2001	<i>Software engineering – Product quality – Part 1: Quality model.</i>
SANS 9127:1998/ ISO/IEC 9127:1988	<i>Information processing systems – User documentation and cover information for consumer software packages.</i>
SANS 10055-4:2003	<i>ISO 9001: 2000 Process auditing – Part 4: Process performance model and work products for information technology.</i>
SANS 14047:2005/ ISO/TR 14047:2003	<i>Environmental management – Life cycle impact assessment - Examples of application of SANS 14042.</i>
SANS 14598-1:1999/ ISO/IEC 14598-1:1999	<i>Information technology – Software product evaluation – Part 1: General overview.</i>
SANS 14598-2:2003/ ISO/IEC 14598-2:2000	<i>Software engineering – Product evaluation – Part 2: Planning and management.</i>
SANS 14598-3:2003/ ISO/IEC 14598-3:2000	<i>Software engineering – Product evaluation – Part 3: Process for developers.</i>
SANS 14598-4:2003/ ISO/IEC 14598-4:1999	<i>Software engineering – Product evaluation – Part 4: Process for acquirers.</i>
SANS 14759:2003/ ISO/IEC/TR 14759:1999	<i>Software engineering – Mock up and prototype – A categorization of software mock up and prototype models and their use.</i>
SANS 17021:2011/ ISO/IEC 17021:2011	<i>Conformity assessment – Requirements for bodies providing audit and certification of management systems.</i>
SANS 18019:2004/ ISO/IEC 18019:2004	<i>Software and system engineering – Guidelines for the design and preparation of user documentation for application software.</i>
SANS 19760:2004/ ISO/IEC TR 19760:2003	<i>Systems engineering – A guide for the application of ISO/IEC 15288 (System life cycle processes).</i>
SANS 62271-308:2007/	<i>High-voltage switchgear and controlgear – Part 308: Guide for asymmetrical short-circuit breaking test duty T100a.</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.