

**DEPARTMENT OF TRADE AND INDUSTRY
DEPARTEMENT VAN HANDEL EN NYWERHEID**

No. 106

20 February 2015

**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.

A list of all existing South African national standards was published by Government Notice No. 1373 of 8 November 2002.

In the list of SANS standards below, the equivalent SABS numbers, where applicable, are given below the new SANS numbers for the sake of convenience. Standards that were published with the "SABS" prefix are listed as such.

SCHEDULE 1: ISSUE OF NEW STANDARDS

The standards mentioned have been issued in terms of section 16(3) of the Act.

Standard No. and year	Title, scope and purport
SANS 1031:2014	<i>Animal harnessing and hitching.</i> Gives requirements for the correct and ethical use of harnessing for animals that are hitched to carts.
SANS 1395-1:2014	<i>Road transport management systems – Part 1: Operator requirements – Goods.</i> Covers road safety (evidenced by a reduction in the number of accidents), the ensuring of the roadworthiness of vehicles, the optimization of loading conditions, driver wellness (fatigue, health and driver training), the improvement of driver behaviour, productivity and efficiency and the preservation of road infrastructure. Does not prescribe the specific method(s) for demonstrating compliance, as it is envisaged that each organization should develop unique and customized processes to demonstrate compliance.
SANS 1515-3:2014	<i>Gas measuring equipment primarily for use in mines – Part 3: Gas performance requirements for toxic gas measuring instruments and warning devices.</i> Provides minimum requirements for the performance and testing of portable, transportable, mobile, and stationary electrical apparatus, the purpose of which is for the detection, measurement and notification of toxic gases in air, and that are used to enhance the safety of personnel in commercial and industrial locations.
SANS 1680:2014	<i>Live lobsters.</i> Covers the harvesting, preparation, packing, conveyance and quality of live aquaculture abalone lobsters live lobsters, rock lobsters, spiny lobsters and slipper lobsters.
SANS 3001-AS21:2014	<i>Civil engineering test methods – Part AS21: Determination of the bitumen content of an asphalt mix by ignition.</i> Describes a method to determine the bitumen content of an asphalt mixture by removing the bitumen through ignition in a furnace. Applies to bitumen rubber asphalt and polymer modified asphalt.
SANS 3001-GR41:2014	<i>Civil engineering test methods – Part GR41: Determination of the California bearing ratio of lime treated materials.</i> Applies to gravels and soils (silts and clays) and describes a method to determine the California bearing ratio (CBR) of a material treated with lime.
SANS 16175-1:2014/ ISO 16175-1:2010	<i>Information and documentation – Principles and functional requirements for records in electronic office environments – Part 1: Overview and statement of principles.</i> Provides globally harmonized principles and functional requirements for software used to create and manage digital records in office environments.
SANS 16175-2:2014/ ISO 16175-2:2011	<i>Information and documentation – Principles and functional requirements for records in electronic office environments – Part 2: Guidelines and functional requirements for digital records management systems.</i> Gives a set of functional requirements for digital records management systems. Applies to records irrespective of the media in which they were created or stored (or both).
SANS 16175-3:2014/ ISO 16175-3:2010	<i>Information and documentation – Principles and functional requirements for records in electronic office environments – Part 3: Guidelines and functional requirements for records in business systems.</i> Gives guidance to organizations to ensure that the evidence (records) of business activities transacted through business systems are appropriately identified and managed.
SANS 17068:2014 ISO/TR 17068:2012	<i>Information and documentation – Trusted third party repository for digital records.</i> Describes the services and processes to be provided by a TTPR for the clients' digital records during the retention period, to ensure trust.
SANS 18602:2014/ ISO 18602:2013	<i>Packaging and the environment – Optimization of the packaging system.</i> Specifies requirements and a procedure for assessment of packaging to ensure that the weight or volume of its material content is optimized consistent with the functions of packaging.
SANS 22313:2014/ ISO 22313:2011	<i>Societal security – Business continuity management systems – Guidance.</i> Provides guidance based on good international practice for planning, establishing, implementing, operating, monitoring, reviewing, maintaining and continually improving a documented management system that enables organizations to prepare for, respond to and recover from disruptive incidents when they arise.
SANS 22398:2014/ ISO 22398:2013	<i>Societal security – Guidelines for exercises.</i> Recommends good practice and guidelines for an organization to plan, conduct, and improve its exercise projects which may be organized within an exercise programme.
SANS 24615-1:2014/ ISO 24615-1:2009	<i>Language resource management – Syntactic annotation framework (SynAF) – Part 1: Syntactic model.</i> Describes the syntactic annotation framework (SynAF), a high level model for representing the syntactic annotation of linguistic data, with the objective of supporting interoperability across language resources or language processing components.

Standard No. and year	Title, scope and purport
SANS 29192-4:2014/ ISO/IEC 29192-4:2013	<i>Information technology – Security techniques – Lightweight cryptography – Part 4: Mechanisms using asymmetric techniques.</i> Specifies three lightweight mechanisms based on asymmetric cryptography. The three mechanisms have different functionality, different supporting infrastructures, and different performance profiles.
SANS 29541:2014/ ISO 29541:2010	<i>Solid mineral fuels – Determination of total carbon, hydrogen and nitrogen content – Instrumental method.</i> Specifies a method for the determination of total carbon, hydrogen and nitrogen in coal and coke by instrumental methods.
SATR 18047-3:2014/ ISO/IEC TR 18047-3:2011	<i>Information technology – Radio frequency identification device conformance test methods – Part 3: Test methods for air interface communications at 13,56 MHz.</i> Defines test methods for determining the conformance of radio frequency identification devices (tags and interrogators) for item management with the specifications given in ISO/IEC 18000-3 (published in South Africa as an identical adoption under the designation SANS 18000-3), but does not apply to the testing of conformity with regularity or similar requirements.
SATS 17576:2014	<i>Light-emitting diode products for interior lighting, streetlighting and floodlighting – Performance requirements.</i> Provides performance requirements and tests for light-emitting diode (LED) products for interior lighting, streetlighting and floodlighting. Covers LED-based solid-state lighting (SSL) products that incorporate control electronics and heat sinks for operation on a.c. or d.c. voltage power supplies. Also covers LED luminaires with replaceable as well as integrated LED light sources.
SATS 62282-7-2:2014/ IEC TS 62282-7-2:2014	<i>Fuel cell technologies – Part 7-2: Test methods – Single cell and stack performance tests for solid oxide fuel cells (SOFC).</i> Provides for SOFC cell/stack assembly units, testing systems, instruments and measuring methods, and test methods to test the performance of SOFC cells and stacks.

SCHEDULE 2: AMENDMENT OF EXISTING STANDARDS

The standards mentioned have been amended in terms of section 16(3) of the Act. The number and date of a standard that has been superseded appear in brackets below the new number. In the case of an amendment issued in consolidated format, the edition number of the new (consolidated) edition appears in brackets below the number of the standard.

Standard No. and year	Title, scope and purport
SANS 116:2014 (Ed. 2.2)	<i>Liquid antiseptics containing substituted phenolics. Consolidated edition incorporating amendment No. 2.</i> Amended to change the preparation method for the reculture medium, to delete a footnote and the preparation method for the nutrient broth, to insert a new clause on the preparation of the control and test solution, to rearrange the test procedure clauses, to renumber the clause on test media, and to move reference to a national body to the foreword.
SANS 220:2014 (Ed. 3.3)	<i>Dissolved acetylene cylinders. Consolidated edition incorporating amendment No. 3.</i> Amended to update referenced standards.
SANS 346:2014 (Ed. 5.2)	<i>Woven worsted fabrics. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 385:2014 (Ed. 4.1)	<i>Fabric linings for footwear. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 387:2014 (Ed. 2.7)	<i>Hammer heads and hand hammers. Consolidated edition incorporating amendment No. 7.</i> Amended to include requirements for steel-reinforced polymer hammer handles and to clarify requirements for steel-reinforced synthetic elastomer handles.
SANS 588:2014 (Ed. 4.1)	<i>Woollen overcoating. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 802:2014 (Ed. 2.5)	<i>Bituminous aluminium paint. Consolidated edition incorporating amendment No. 4.</i> Amended to change the designation from SABS to SANS, to update referenced standards, and to insert apparatus for artificial weathering.
SANS 941:2014 (Ed. 1.1)	<i>Energy efficiency of electrical and electronic apparatus. Consolidated edition incorporating amendment No. 1.</i> Amended to update the scope, the referenced standards, general requirements, the methods of test, the requirements for marking of appliances, and the annex on energy efficiency labelling of electrical and electronic apparatus, and to delete the subclause on electric lamps.
SANS 1387-2:2014 (Ed. 3.1)	<i>Woven cotton and similar apparel fabrics – Part 2: Polyester-and-cotton workwear fabrics. Consolidated edition incorporating amendment No. 1.</i> Amended to change a mass requirement in the table on fabric requirements.
SANS 1444-2:2014 (Ed. 2.3)	<i>Schoolwear fabrics – Part 2: Blazer fabrics. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 1657:2014 (Ed. 2.3)	<i>Bottled water of subterranean origin. Consolidated edition incorporating amendment No. 3.</i> Amended to update referenced standards.
SANS 5858:2014 (Ed. 2.1)	<i>Pesticides – Biological evaluation of mosquito larvicides in artificially created mosquito breeding places. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, to change the requirements for equipment, to change the preparation of artificial breeding places, to change the application of formulations, and to change the tables on tabulation of results and temperature recordings.
SANS 2220-2-1:2014 (Ed. 1.2)	<i>Electrical security systems – Part 2-1: Access control systems: General characteristics. Consolidated edition incorporating amendment No. 2.</i> Amended to move reference to national legislation to the foreword, and to update a referenced standard.

Standard No. and year	Title, scope and purport
SANS 10240:2014 (Ed. 3)	<i>The installation of replacement auto glass in motor vehicles.</i> Specifies requirements for replacement auto glass in motor vehicles at fitment centres or mobile units.
SANS 15426-1:2014/ IEC 15426-1:2006	<i>Information technology – Automatic identification and data capture techniques – Bar code verifier conformance specification – Part 1: Linear symbols.</i> Defines test methods and minimum accuracy criteria for verifiers using the methodology of ISO/IEC 15416 (published in South Africa as an identical adoption under the designation SANS 15416) for linear bar code symbols, and specifies reference calibration standards against which these should be tested.
SANS 22003:2014/ ISO/TS 22003:2013	<i>Food safety management systems – Requirements for bodies providing audit and certification of food safety management systems.</i> Defines the rules applicable to the audit and certification of a food safety management system (FSMS) complying with the requirements given in ISO 22000 (published in South Africa as an identical adoption under the designation SANS 22000) (or other sets of specified FSMS requirements).
SANS 50196-2:2014/ EN 196-2:2013	<i>Methods of testing cement – Part 2: Chemical analysis of cement.</i> Specifies the methods for the chemical analysis of cement.
SANS 60335-2-16:2014/ IEC 60335-2-16:2012 (Ed. 3.2)	<i>Household and similar electrical appliances – Safety – Part 2-16: Particular requirements for food waste disposers.. Consolidated edition incorporating amendment No. 2.</i> Amended to update a note in the foreword, to update the clause on stability and mechanical hazards, and to add an annex on software evaluation.
SANS 60335-2-44:2014/ IEC 60335-2-44:2012 (Ed. 3.2)	<i>Household and similar electrical appliances – Safety – Part 2-44: Particular requirements for ironers. Consolidated edition incorporating amendment No. 2.</i> Amended to add information to the foreword, to update the requirements for construction and to add information on annexes.
SANS 60335-2-102:2014/ IEC 60335-2-102:2012 (Ed. 1.2)	<i>Household and similar electrical appliances – Safety – Part 2-102: Particular requirements for gas, oil and solid-fuel burning appliances having electrical connections. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards, to change the title of the clause on definitions, to update requirements in the clause on abnormal operation, and to add modifications and notes to the clause on construction.
SANS 60335-2-105:2014/ IEC 60335-2-105:2013 (Ed. 1.2)	<i>Household and similar electrical appliances – Safety – Part 2-105: Particular requirements for multifunctional shower cabinets. Consolidated edition incorporating amendment No. 2.</i> Amended to add a note to the scope, to change the title of the clause on definitions, to modify a definition, and to update referenced standards.
SANS 60335-2-109:2014/ IEC 60335-2-109:2013 (Ed. 1.1)	<i>Household and similar electrical appliances – Safety – Part 2-109: Particular requirements for UV radiation water treatment appliances. Consolidated edition incorporating amendment No. 1.</i> Amended to update requirements in the clause on classification, and to update referenced standards.
SATR 14049:2014/ ISO/TR 14049:2012	<i>Environmental management – Life cycle assessment – Illustrative examples on how to apply ISO 14044 to goal and scope definition and inventory analysis.</i> Provides examples of practices in carrying out life cycle inventory analysis (LCI) as a means of satisfying certain provisions of ISO 14044:2006 (adopted in South Africa as an identical adoption under the designation SANS 14044). Provides a sample of the possible cases satisfying the provisions of ISO 14044.

SCHEDULE 3: CANCELLATION OF STANDARDS

In terms of section 16(3) of the Act the following standards have been cancelled.

Standard No. and year	Title
SANS 12902:2007	<i>Solid mineral fuels – Determination of total carbon, hydrogen and nitrogen – Instrumental methods.</i>
SANS 19113:2003	<i>Geographic information – Quality principles.</i>
SANS 19114:2004	<i>Geographic information – Quality evaluation procedures.</i>
SANS 19138:2009	<i>Geographic information – Data quality measures.</i>

SCHEDULE 4: 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. The CEO, South African Bureau of Standards, 1 Dr Lategan Road, Groenkloof, Private Bag X191, Pretoria 0001.
2. The Manager, Western Cape Regional Office, SABS, Liesbeek Park Way, Rosebank, PO Box 615, Rondebosch 7701.
3. The Manager, Eastern Cape Regional Office, SABS, 30 Kipling Road, cor. Diaz and Kipling Roads, Port Elizabeth, PO Box 3013, North End 6056.
4. The Manager, KwaZulu-Natal Regional Office, SABS, 15 Garth Road, Waterval Park, Durban, PO Box 30087, Mayville 4058.
5. The Control Officer, Bloemfontein Branch Office, SABS, 34 Victoria Road, Willows, Bloemfontein, PO Box 20265, Willows 9320.