

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

**No. 1004****12 December 2014**

**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
SATS 11669:2014/ ISO/TS 11669:2012	<i>Translation projects – General guidance.</i> Provides general guidance for all phases of a translation project. Its main purpose is to facilitate communication among the parties involved in a project. Addresses quality assurance and provides the basis for qualitative assessment, but does not provide procedures for quantitative measures of the quality of a translation product.
SANS 50002:2014/ ISO 50002:2014	<i>Energy audits – Requirements with guidance for use.</i> Specifies the process requirements for carrying out an energy audit in relation to energy performance. Applies to all types of establishments and organizations, and all forms of energy and energy use. Specifies the principles of carrying out energy audits, requirements for the common processes during energy audits, and deliverables for energy audits. Does not address the requirements for the selection and evaluation of the competence of bodies providing energy audit services, and does not cover the auditing of an organization's energy management system, as these are described in ISO 50003 (published in South Africa as an identical adoption under the designation SANS 50003).
SANS 50483-1:2014/ EN 50483-1:2009	<i>Test requirements for low voltage aerial bundled cable accessories – Part 1: Generalities.</i> Applies to overhead line fittings for tensioning, supporting and connecting aerial bundled cables (ABC) of rated voltage $U_0/U (U_m)$ : 0,6/1 (1,2) kV. Aims to provide a method of testing the suitability of accessories when used under normal operating conditions with low voltage aerial bundled cables (ABC) complying with HD 626. Defines the common aspects of the products.
SANS 50483-2:2014/ EN 50483-2:2009	<i>Test requirements for low voltage aerial bundled cable accessories – Part 2: Tension and suspension clamps for self supporting system.</i> Applies to overhead line fittings for tensioning, supporting and connecting aerial bundled cables (ABC) of rated voltage $U_0/U (U_m)$ : 0,6/1 (1,2) kV. Applies to tensioning devices consisting of tension and suspension clamps designed to be used for installation of self supporting ABC defined in HD 626.
SANS 60268-16:2014/ IEC 60268-16:2011	<i>Sound system equipment – Part 16: Objective rating of speech intelligibility by speech transmission index.</i> Specifies objective methods for rating the transmission quality of speech with respect to intelligibility.
SATS 61439-7:2014/ IEC/TS 61439-7:2014	<i>Low-voltage switchgear and controlgear assemblies – Part 7: Assemblies for specific applications such as marinas, camping sites, market squares, electric vehicles charging stations.</i> Defines the specific requirements of assemblies for which the rated voltage does not exceed 1 000 V in case of a.c. or 1 500 V in case of d.c, stationary or movable assemblies with enclosure, assemblies intended for use in connection with the generation, transmission, distribution and conversion of electric energy, and for the control of electric energy consuming equipment, assemblies operated by ordinary persons, assemblies intended to be installed and used in marinas, camping sites, market squares and other similar external public sites or similar sites, and assemblies intended for charging stations for electric vehicles.
SATR 61869-102:2014/ IEC/TR 61869-102:2014	<i>Instrument transformers – Part 102: Ferroresonance oscillations in substations with inductive voltage transformers.</i> Provides technical information for understanding the undesirable phenomenon of ferroresonance oscillations in medium voltage and high voltage networks in connection with inductive voltage transformers.
SANS 62282-2:2014/ IEC 62282-2:2012	<i>Fuel cell technologies – Part 2: Fuel cell modules.</i> Provides the minimum requirements for safety and performance of fuel cell modules and applies to fuel cell modules with the following electrolyte chemistry: alkaline, polymer electrolyte (including direct methanol fuel cells), phosphoric acid, molten carbonate, solid oxide, and aqueous solution of salts.
SANS 80601-2-61:2014/ IEC 80601-2-61:2011	<i>Medical electrical equipment – Part 2-61: Particular requirements for basic safety and essential performance of pulse oximeter equipment.</i> Applies to the basic safety and essential performance of pulse oximeter equipment intended for use on humans, collectively referred to as ME equipment and includes any part necessary for normal use, including the pulse oximeter monitor, pulse oximeter probe and probe cable extender. Also applies to pulse oximeter equipment, which includes pulse oximeter monitors, pulse oximeter probes and probe cable extenders which have been reprocessed.

**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 1083:2014 (Ed. 2.4)	<i>Aggregates from natural sources – Aggregates for concrete. Consolidated edition incorporating amendment No. 4.</i> Amended to update the grading of sieve sizes and referenced standards.
SANS 1329-5:2014 (Ed. 1.5)	<i>Retro-reflective and fluorescent warning signs for road vehicles – Part 5: Retro-reflective chevron decals. Consolidated edition incorporating amendment No. 5.</i> Amended to change yellow coefficient of reflection from 35 to 100 cd/l lux per square meter.
SANS 1494:2014 (SANS 1494:2007)	<i>Two-wheeled mobile refuse bins.</i> Covers the requirements for mobile refuse bins of thermoplastic material and of nominal capacity 140 L and 240 L that are provided with two wheels for manual handling and are intended for use with mechanical lifting and tipping equipment.
SANS 15421:2014/ ISO/IEC 15421:2010 (SANS 15421:2005)	<i>Information technology – Automatic identification and data capture techniques – Bar code master test specifications.</i> Specifies the requirements and test methods for physical and related attributes of a bar code master. Covers all forms of bar code master, irrespective of the mode of origination of the initial image, intended for reproduction by conventional printing processes.
SANS 60034-8:2014/ IEC 60034-8:2014 (Ed. 3.1)	<i>Rotating electrical machines – Part 8: Terminal markings and direction of rotation. Consolidated edition incorporating amendment No. 1.</i> Amended to update the subclause on synchronous machines (6.5).
SANS 61008-1:2014/ IEC 61008-1:2013 (Ed. 3.2 and IEC corr. 1)	<i>Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) – Part 1: General rules. Consolidated edition incorporating amendment No. 2.</i> Amended to modify and to add the requirements for verification of the operating characteristics, to delete the clause on verification of correct operation of residual currents with d.c. components, to update the information on electromagnetic compatibility (EMC), to add and to renumber cross references accordingly, to delete the table on tripping current ranges for type A RCCBs (table 20), to include a table on test to be carried out according to IEC 61543 (published in South Africa as an identical adoption under the designation SANS 61543) (table 23), to add a note under clearances and creepage distances and to renumber the notes accordingly, and to update a procedure for measuring the insulation resistance of the main circuit.
SANS 61010-2-032:2014/ IEC 61010-2-032:2012 (SANS 61010-2-032:2003)	<i>Safety requirements for electrical equipment for measurement, control and laboratory use – Part 2-032: Particular requirements for hand-held and hand-manipulated current sensors for electrical test and measurement.</i> Specifies safety requirements for hand-held and hand-manipulated current sensors. These current sensors are for measuring, detecting or injecting current, or indicating current waveforms on circuits without physically opening the current path of the circuit being measured. They may be stand-alone current sensors or accessories to other equipment or parts of combined equipment.
SANS 62271-202:2014/ IEC 62271-202:2014 (SANS 62271-202:2007)	<i>High-voltage switchgear and controlgear – Part 202: High-voltage/low-voltage prefabricated substation.</i> Specifies the service conditions, rated characteristics, general structural requirements and test methods of high-voltage/low-voltage or low-voltage/high-voltage prefabricated substations, which are cable-connected, to be operated from inside (walk-in type) or outside (non-walk-in type) for alternating current of rated voltages above 1 kV and up to and including 52 kV on the high voltage side, and for one or more transformers for service frequencies up to and including 60 Hz for outdoor installation at locations with public accessibility and where protection of personnel is provided.
SANS 102178:2014/ ETSI TS 102178:2010 (SANS 102178:2006)	<i>Broadband Radio Access Networks (BRAN); HiperMAN; Data Link Control (DLC) layer.</i> Defines the Data Link Control (DLC) of HiperMAN to support PMP and optionally mesh network topologies. Provides the DLC functions required for fixed applications, in frequencies below 11 GHz, and nomadic and converged fixed-nomadic applications, in frequencies below 6 GHz.
SANS 300175-1:2014/ ETSI EN 300175-1:2013 (SANS 300175-1:2005)	<i>Broadband Radio Access Networks (BRAN); HiperMAN; Data Link Control (DLC) layer.</i> Defines the Data Link Control (DLC) of HiperMAN to support PMP and optionally mesh network topologies. Provides the DLC functions required for fixed applications, in frequencies below 11 GHz, and nomadic and converged fixed-nomadic applications, in frequencies below 6 GHz.
SANS 12402-5:2007/ ISO 12402-5:2006 (Ed. 1 and ISO amdt 1)	<i>Personal flotation devices – Part 5: Buoyancy aids (level 50) – Safety requirements. ISO amendment No. 1.</i> Specifies the safety requirements for buoyancy aids with a buoyancy of not less than 50 N used in sheltered waters with help and rescue close at hand under such circumstances where more bulky or buoyant devices can impair the user's activity. Applies to buoyancy aids used by adults or children.
SANS 50054-11:2001/ EN 54-11:2001 (Ed. 1 and EN amdt 1)	<i>Fire detection and fire alarm systems – Part 11: Manual call points. EN amendment No. 1.</i> Specifies requirements and methods of test for manual call points in fire detection and fire alarm systems in and around buildings. Takes into account indoor and outdoor conditions, the appearance and operation of the manual call points for direct operation and indirect operation and covers those which are simple mechanical switches, those fitted with simple electronic components, and those which contain active electronic components and which work with the control panels for signalling and identifying, for example, an address or location.

**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 1700-7-8:2003/ ISO 7412:1984	<i>Fasteners – Part 7: External drive hexagon bolts and screws – Section 8: Hexagon bolts for high-strength structural bolting with large width across flats (short thread length) – Product grade C – Property classes 8.8 and 10.9.</i>
SANS 1700-14-9:1996/ ISO 7413:1984	<i>Fasteners – Part 14: Hexagon nuts – Section 9: Hexagon nuts for structural bolting, style 1, hot-dip galvanized (oversize tapped) – Product grades A and B – Property classes 5, 6 and 8.</i>
SANS 1700-16-8:2004/ ISO 7415:1984	<i>Fasteners – Part 16: Washers – Section 8: Plain washers for high-strength structural bolting, hardened and tempered.</i>
SANS 1700-16-9:2004/ ISO 7416:1984	<i>Fasteners – Part 16: Washers – Section 9: Plain washers, chamfered, hardened, and tempered for high-strength structural bolting.</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.