

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

No. 954

23 November 2012

**STANDARDS ACT, 2008
STANDARDS MATTERS**

In terms of the Standards Act, 2008 (Act No. 8 of 2008), the Council of the South African Bureau of Standards has acted in regard to standards in the manner set out in the Schedules to this notice.

All South African standards that were previously published by the South African Bureau of Standards with the prefix "SABS" have been redesignated as South African national standards and are now published by the SABS Standards Division (a division of SABS) with the prefix "SANS".

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 633:2012	<i>Soil profiling and rotary percussion borehole logging on dolomite land in Southern Africa for engineering purposes.</i> Establishes requirements for soil profiling and rotary percussion borehole logging on dolomite land.
SANS 634:2012	<i>Geotechnical investigations for township development.</i> Establishes requirements applicable to a preliminary and two-phase detailed geotechnical site investigation on land including dolomite land, where unoccupied land or undeveloped parcels of land are utilized for township development purposes.
SANS 1267:2012 CIE 126:1997	<i>Guidelines for minimizing sky glow.</i> Gives general guidance for lighting designers and also policy makers about the ways the interference by light of astronomical observations can be reduced or even avoided. It also gives guidance for the design of lighting installations and lighting equipment.
SANS 1352:2012	<i>The installation, maintenance, replacement and repair of domestic air source water heating heat pump systems.</i> Covers requirements for the safe and correct installation of new and replacement of domestic air source water heating heat pump systems complete with all the relevant and applicable safety and hydraulic control units.
SANS 1936-1:2012	<i>Development of dolomite land - Part 1: General principles and requirements.</i> Establishes qualitative and quantitative performance requirements for the safe use of dolomite land and provides the means by which compliance with such requirements may be determined.
SANS 1936-2:2012	<i>Development of dolomite land - Part 2: Geotechnical investigations and determinations.</i> Establishes requirements for feasibility-level geotechnical investigations, design-level investigations, the determination of the inherent hazard class of dolomite land, and inspection and verification during the implementation phase of a project on dolomite land.
SANS 1936-3:2012	<i>Development of dolomite land - Part 3: Design and construction of buildings, structures and infrastructure.</i> Establishes requirements for the design and construction of permanent or temporary buildings, structures and infrastructure, including wet and dry engineering services, on dolomite land requiring precautionary measures to support sustainable development. It also applies to upgrading or maintenance of existing developments.
SANS 1936-4:2012	<i>Development of dolomite land - Part 4: Risk management.</i> Establishes requirements for the development of appropriate dolomite risk management systems to reduce the risks associated with developments, and for the provision of infrastructure on dolomite land to acceptable limits.
SANS 50934-3:2012 EN 934-3:2009	<i>Admixtures for concrete, mortar and grout - Part 3: Admixtures for masonry mortar - Definitions, requirements, conformity and marking and labelling.</i> Defines and specifies the requirements and conformity criteria for admixtures for use in cement based masonry mortar. Covers two types of admixtures, long term retarding and air entraining/plasticising which are used in ready-mixed and site made masonry mortars.
SANS 50934-4:2012 EN 934-4:2009	<i>Admixtures for concrete, mortar and grout - Part 4: Admixtures for grout for prestressing tendons - Definitions, requirements, conformity, marking and labelling.</i> Defines and specifies requirements and conformity criteria for admixtures for use in grouts for prestressing tendons according to EN 447. Covers admixtures for use in site-mixed grout only.
SANS 50934-5:2012 EN 934-5:2007	<i>Admixtures for concrete, mortar and grout - Part 5: Admixtures for sprayed concrete - Definitions, requirements, conformity, marking and labelling.</i> Defines and specifies requirements and conformity for admixtures specifically intended for use in sprayed concrete.

Standard No. and year	Title, scope and purport
SANS 60076-16:2012 IEC 60076-16:2011	<i>Power transformers - Part 16: Transformers for wind turbine applications.</i> Applies to dry-type and liquid-immersed transformers for rated power 100 kVA up to 10 000 kVA for wind turbine applications having a winding with highest voltage for equipment up to and including 36 kV and at least one winding operating at a voltage greater than 1,1 kV.
SANS 60320-2-2:2012 IEC 60320-2-2:1998	<i>Appliance couplers for household and similar general purposes - Part 2-2: Interconnection couplers for household and similar equipment.</i> Applicable to two-pole interconnection couplers for a.c. only, with and without earthing contact, with a rated voltage not exceeding 250 V and a rated current not exceeding 16 A, for household and similar appliances and equipment and intended for the interconnection of electrical supply to electrical appliances or equipment for 50 Hz or 60 Hz supply. Can only be used in conjunction with SANS 60320-1.
SANS 60832-1:2012 IEC 60832-1:2010	<i>Live working - Insulating sticks and attachable devices - Part 1: Insulating sticks.</i> Gives the essential requirements for insulating sticks for live working for use on a.c. electrical installations.
SANS 61850-1:2012 IEC TR 61850-1:2003	<i>Communication networks and systems in substations - Part 1: Introduction and overview.</i> Applicable to substation automation systems (SAS). Defines the communication between intelligent electronic devices (IEDs) in the substation and the related system requirements.
SANS 61850-2:2012 IEC TS 61850-2:2003	<i>Communications networks and systems in substations - Part 2: Glossary.</i> Applies to Substation Automation Systems (SAS) and defines the communication between intelligent electronic devices (IEDs) in the substation and the related system requirements.
SANS 62271-204:2012 IEC 62271-204:2011	<i>High-voltage switchgear and controlgear - Part 204: Rigid gas-insulated transmission lines for rated voltage above 52 kV.</i> Applies to rigid HV gas-insulated transmission lines (GIL) in which the insulation is obtained, at least partly, by a non-corrosive insulating gas, other than air at atmospheric pressure, for alternating current of rated voltages above 52 kV, and for service frequencies up to and including 60 Hz. Can only be used in conjunction with SANS 62271-1.
SANS 62554:2012 IEC 62554:2011	<i>Sample preparation for measurement of mercury level in fluorescent lamps.</i> Specifies sample preparation methods for determining mercury levels in new tubular fluorescent lamps (including single capped, double capped, self-ballasted and CCFL (cold cathode fluorescent lamp) (for backlighting) containing 0,1 mg mercury or more.
SANS 62561-6:2012 IEC 62561-6:2011	<i>Lightning protection system components (LPSC) - Part 6: Requirements for lightning strike counters (LSC).</i> Specifies the requirements and tests for devices intended to count the number of lightning strike pulses flowing in a conductor.
SATR 60269-5:2012 IEC TR 60269-5:2010	<i>Low-voltage fuses - Part 5: Guidance for the application of low-voltage fuses.</i> Shows how current-limiting fuses are easy to apply to protect today's complex and sensitive electrical and electronic equipment. Covers low-voltage fuses up to 1 000 V a.c. and 1 500 V d.c. (Serves as an application guide for low-voltage fuses.)

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 288:2012 (SABS 288:2000)	<i>Anti-bacterial liquid toilet soap for medical use.</i> Specifies the requirements for two types of anti-bacterial liquid toilet soap for medical use that are suitable for use in liquid soap dispensers.
SANS 428:2012 (SANS 428:2007)	<i>Fire performance classification of thermal insulated building envelope systems.</i> Covers the classification, usage and application requirements for under-roof and side-cladding insulating materials, liners, insulated wall and roof panels, insulated ceilings and insulated wall and ceiling coating systems for use in buildings of unlimited height when exposed to an ignition source.
SANS 947:2012 (Ed. 1.3)	<i>Indoor venetian blinds.</i> Consolidated edition incorporating amendment No. 3. Amended to update a referenced standard.
SANS 1269:2012/ (SABS 1269:2002)	<i>Motor vehicle safety - Head restraints in passenger cars.</i> Applies to passenger car head restraints (head rests) that form an integral part of the seatback or that are designed to be installed on the seat, and that are intended for separate use, i.e. as individual equipment by adult occupants of forward-facing seats.
SANS 1307:2012 (SANS 1307:2009)	<i>Domestic storage solar water heating systems.</i> Specifies the requirements for integral, close-coupled and split domestic storage solar water heating systems, and includes specific requirements for solar collectors for solar water heating systems.
SANS 1547:2012 (Ed. 1.5)	<i>Traffic signal controllers.</i> Consolidated edition incorporating amendment No. 5. Amended to include a requirement for LED based controller systems.
SANS 1783-2:2012 (Ed. 1.8)	<i>Sawn softwood timber - Part 2: Stress-graded structural timber and timber for frame wall construction.</i> Consolidated edition incorporating amendment No. 8. Amended to update the requirements for the grade identification and to update referenced standards. Can only be used in conjunction with SANS 1783-1.
SANS 4001-BT1:2012 (Ed 1.1)	<i>Civil engineering test methods - Part BT1: Penetration grade bitumen.</i> Consolidated edition incorporating amendment No. 1. Amended to update the table on grade requirements.

Standard No. and year	Title, scope and purport
SANS 10177-5:2012 (SANS 10177-5:2007)	<i>Fire testing of materials, components and elements used in buildings - Part 5: Non-combustibility at 750 °C of building materials.</i> Specifies the method of test used to determine the non-combustibility at 750 °C of homogeneous and non-homogeneous building materials except electrical components and cables used in buildings.
SANS 10208-3:2012 (SABS 0208:2001)	<i>Design of structures for the mining industry - Part 3: Conveyances.</i> Defines the loads and load combinations to be adopted and specifies the design procedures to be used for the design of the steel and aluminium alloy structural members of conveyances used for the transport of men, materials, equipment and rock in vertical and inclined shafts. Not intended to be used for the design of ropes, sheaves or attachments. Does not cover chairlifts.
SANS 10225:2012 (Ed. 1.2)	<i>The design and construction of lighting masts. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards and to update referenced standards, to reference the South African regulations that govern the use of suspended maintenance scaffolds in the foreword, to add a definition for acceptable and to renumber the definitions and to amend the structural requirements for masts and towers.
SANS 10228:2012 (SANS 10228:2010)	<i>The identification and classification of dangerous goods for transport by road and rail modes.</i> Covers the identification of dangerous goods that are capable of posing a significant risk to health and safety or to property and the environment. Dangerous goods are classified in nine classes and three packing groups in accordance with the United Nations' Recommendations on the Transport of Dangerous Goods. Model Regulations. The nine classes relate to the type of hazard whereas the three packing groups relate to the degree of danger posed within the class. Applies to road and rail modes of transport.
SANS 10304-2:2012 (Ed. 1.1)	<i>The classification of pesticides and stock remedies for sale and handling in South Africa - Part 2: The classification of stock remedies. Consolidated edition incorporating amendment No. 1.</i> Amended to move references to national legislation and a national authority to the foreword, and to update the bibliography.
SANS 10400-B:2012 (SABS 0400:1990)	<i>The application of the National Building Regulations - Part B: Structural design.</i> Establishes the representative actions and impacts applied to building elements and structural elements, and their structural response to these representative actions and impacts. Also establishes requirements for rational designs and rational assessments, Agrément certification and buildings on dolomite land.
SANS 10400-H:2012 (SABS 0400:1990)	<i>The application of the National Building Regulations - Part H: Foundations.</i> Establishes the representative actions and impacts applied to foundations, and the response of structural elements to ground movements. Buildings that comply with the requirements of this part of SANS 10400 will also comply with the structural design performance parameters established in SANS 10400-B. It contains simple design and construction requirements for foundations for certain masonry buildings to accommodate a relatively small range of ground movements.
SANS 10400-R:2012 (SABS 0400:1990)	<i>The application of the National Building Regulations - Part R: Stormwater disposal.</i> Provides deemed-to-satisfy requirements for compliance with Part R (stormwater disposal) of the National Building Regulations.
SANS 17024:2012/ ISO/IEC 17024:2012 (SANS 17024:2005)	<i>Conformity assessment - General requirements for bodies operating certification of persons.</i> Contains principles and requirements for a body certifying persons against specific requirements, and includes the development and maintenance of a certification scheme for persons.
SANS 61439-1:2012/ IEC 61439-1:2011 (SANS 61439-1:2009)	<i>Low-voltage switchgear and controlgear assemblies - Part 1: General rules.</i> Lays down the definitions and states the service conditions, construction requirements, technical characteristics and verification requirements for low-voltage switchgear and controlgear assemblies.
SANS 61547:2012/ IEC 61547:2010 (SANS 61547:1995)	<i>Equipment for general lighting purposes - EMC immunity requirements.</i> Applies to lighting equipment which is within the scope of IEC technical committee 34, such as lamps, auxiliaries and luminaires, intended either for connecting to a low voltage electricity supply or for battery operation.
SANS 62271-200:2012/ IEC 62271-200:2011 (SANS 62271-200:2004)	<i>High-voltage switchgear and controlgear - Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV.</i> Specifies requirements for prefabricated metal-enclosed switchgear and controlgear for alternating current of rated voltages above 1 kV and up to and including 52 kV for indoor and outdoor installation, and for service frequencies up to and including 60 Hz. Can only be used in conjunction with SANS 62271-1.
SANS 62271-203:2012/ IEC 62271-203:2011 (SANS 62271-203:2004)	<i>High-voltage switchgear and controlgear - Part 203: Gas-insulated metal-enclosed switchgear for rated voltages above 52 kV.</i> Specifies requirements for gas-insulated metal-enclosed switchgear in which the insulation is obtained, at least partly, by an insulating gas other than air at atmospheric pressure, for alternating current of rated voltages above 52 kV, for indoor and outdoor installation, and for service frequencies up to and including 60 Hz.

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 60265-1:1998	<i>High-voltage switches Part 1: Switches for rated voltages above 1 kV and less than 52 kV.</i>
SANS 60694:2003	<i>Common specifications for high-voltage switchgear and controlgear standards.</i>
SANS 61779-6:1999	<i>Electrical apparatus for the detection and measurement of flammable gases Part 6: Guide for the selection, installation, use and maintenance of apparatus for the detection and measurement of flammable gases.</i>
SANS 61958:2000	<i>High-voltage prefabricated switchgear and controlgear assemblies - Voltage presence indicating systems.</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.
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