

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

No. 618

15 August 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
SANS 1681:2014/ ISO 6016:2008	<i>Earth-moving machinery - Methods of measuring the masses of whole machines, their equipment and components.</i> Specifies methods for measuring the masses of whole earth-moving machines, their equipment, attachments or components, using weighbridges or force transducers. Also defines the terms related to these masses.
SANS 3001-AS23:2014	<i>Civil engineering test methods Part AS23: Determination of moisture in asphalt.</i> Applies to asphalt, a mixture of aggregate, filler and hot bituminous binder, and describes the determination of moisture in newly mixed asphalt by distillation, using a Dean and Stark apparatus, and by oven-drying.
SANS 3001-GR57:2014	<i>Civil engineering test methods Part GR57: Determination of the initial stabilizer consumption of soils and gravels.</i> Applies to soils and gravels and describes a method to determine the lime or cement demand of clay minerals in these materials.
SANS 12117-2:2014/ ISO 12117-2:2008	<i>Earth-moving machinery - Laboratory tests and performance requirements for protective structures of excavators Part 2: Roll-over protective structures (ROPS) for excavators of over 6 t.</i> Establishes a consistent and reproducible means of evaluating the load-carrying characteristics of roll-over protective structures (ROPS) for excavators under static loading, and prescribes performance requirements of a representative specimen under such loading.
SANS 14371:2014/ ISO 14731:2012	<i>Water quality - Determination of fresh water sediment toxicity to <i>Heterocypris incongruens</i> (Crustacea, Ostracoda).</i> Specifies a method for the determination of lethal as well as sublethal effects of contaminated sediments on the ostracod crustacean <i>Heterocypris incongruens</i> after 6 d exposure. Applies not only to fresh water sediments, but also by extension to solid wastes and soils after addition of (uncontaminated) water. Also applies to chemicals or preparations that are spiked into a reference sediment. Does not apply to the testing of sediments from the estuarine or marine environment.
SANS 15998:2014/ ISO 15998:2008	<i>Earth-moving machinery - Machine-control systems (MCS) using electronic components - Performance criteria and tests for functional safety.</i> Specifies performance criteria and tests for functional safety of safety-related machine-control systems (MCS) using electronic components in earth-moving machinery and its equipment, as defined in ISO 6165 (published in South Africa as an identical adoption under the designation SANS 261).
SANS 20000-4:2014/ ISO/IEC TR 20000-4:2010	<i>Information technology - Service management - Part 4: Process reference model.</i> Defines a process reference model comprising a set of processes, described terms of process purpose and outcomes that demonstrate coverage of the requirements of ISO/IEC 20000-1 (published in South Africa as an identical adoption under the designation SANS 20000-1).
SANS 53163:2014/ EN 13163:2012	<i>Thermal insulation products for buildings - Factory made expanded polystyrene (EPS) products - Specification.</i> Specifies the requirements for factory made expanded polystyrene products, with or without rigid or flexible facings or coatings, which are used for the thermal insulation of buildings.
SANS 53165:2014/ EN 13165:2012	<i>Thermal insulation products for buildings - Factory made rigid polyurethane foam (PU) products - Specification.</i> Specifies the requirements for factory made rigid polyurethane foam (PU) products, with or without rigid or flexible facings or coatings and with or without integral reinforcement, which are used for the thermal insulation of buildings.
SANS 60745-2-23:2014/ IEC 60745-2-23:2012	<i>Hand-held motor-operated electric tools - Safety Part 2-23: Particular requirements for die grinders and small rotary tools.</i> Applies to die grinders and small rotary tools for mounted accessories not exceeding 55 mm in diameter and mounted sanding accessories not exceeding 80 mm in diameter such as, threaded cones or plugs that are threaded on a mandrel with an unrelieved shoulder flange, mandrel mounted wheels and rotary files with a rated speed not exceeding a peripheral speed of the accessory of 80 m/s at rated capacity.
SANS 62056-6-2:2014/ IEC 62056-6-2:2013	<i>Electricity metering data exchange - The DLMS/COSEM suite Part 6-2: COSEM interface classes.</i> Specifies a model of a meter as it is seen through its communication interface(s). Generic building blocks are defined using object-oriented methods, in the form of interface classes to model meters from simple up to very complex functionality.
SANS 62056-7-6:2014/ IEC 62056-7-6:2013	<i>Electricity metering data exchange - The DLMS/COSEM suite Part 7-6: The 3-layer, connection-oriented HDLC based communication profile.</i> Specifies the DLMS/COSEM 3-layer, connection-oriented HDLC based communication profile.
SANS 62056-9-7:2014/ IEC 62056-9-7:2013	<i>Electricity metering data exchange - The DLMS/COSEM suite Part 9-7: Communication profile for TCP-UDP/IP networks.</i> Specifies the DLMS/COSEM communication profile for TCP-UDP/IP networks.

Standard No. and year	Title, scope and purport
SATS 62441:2014/ IEC/TS 62441:2011	<i>Safeguards against accidentally caused candle flame ignition for audio/video, communication and information technology equipment.</i> Introduces safeguards to reduce the likelihood of room flash-over as a result of accidental ignition of exterior housings of audio/video and information communication technology products likely to be used in the home, caused by a candle flame.

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
ARP 035:2014 (ARP 035:2007)	<i>Guidelines for the installation and maintenance of street lighting.</i> Discusses the need for, and the advantages of, installing public street lighting. Street lighting promotes better traffic flow, improves the appearance of city centres and residential areas and is a major deterrent to crime and vandalism.
SANS 1507-4 (Ed. 1.4)	<i>Electric cables with extruded solid dielectric insulation for fixed installations (300/500 V to 1 900/3 300 V) Part 4: XLPE Distribution cables. Consolidated edition incorporating amendment No. 4.</i> Amended to update referenced standards, and to include the publication dates of standards where reference has been made to specific items in those standards.
SANS 1557:2014 (Ed.3.3)	<i>Sunscreen products. Consolidated edition incorporating amendment No. 3.</i> Amended to update the table on permitted UV filters (table B.1).
SANS 1678:2014 (Ed.2.1)	<i>Sterilized milk. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 12117-2:2014/ ISO 12117-2:2008 (Ed.1 and ISO tec corr.1)	<i>Earth-moving machinery - Laboratory tests and performance requirements for protective structures of excavators Part 2: Roll-over protective structures (ROPS) for excavators of over 6 t. ISO technical corrigendum No. 1.</i> Amended to update the information on lateral loading and the table on the formulas for determining energy and force.
SANS 16368:2014/ ISO 16368:2010 (SANS 16368:2007)	<i>Mobile elevating work platforms - Design calculations, safety requirements and test methods.</i> Specifies safety requirements and preventive measures, and the means for their verification, for all types and sizes of mobile elevating work platforms (MEWPs) intended for moving persons to working positions. Gives the structural design calculations and stability criteria, construction, safety examinations and security tests to be applied before a MEWP is first put into service, identifies the hazards arising from the use of MEWPs and describes methods for the elimination or reduction of those hazards.
SANS 20000-3:2014/ SANS 20000-3:2012 (SANS 20000-3:2011)	<i>Information technology - Service management Part 3: Guidance on scope definition and applicability of ISO/IEC 20000-1.</i> Includes guidance on the scope definition, applicability and demonstration of conformity to the requirements specified in ISO/IEC 20000-1. Assists the service provider to plan service improvements and/or prepare for a conformity assessment against ISO/IEC 20000-1 and in establishing if ISO/IEC 20000-1 is applicable to a service provider's circumstances. Illustrates how the scope of an SMS can be defined, irrespective of whether the service provider has experience of defining the scope of other management systems (published in South Africa as an identical adoption under the designation SANS 20000-1).
SANS 50413-1:2014/ EN 50413-1:2011 (SANS 50413-1:2004)	<i>Masonry cement Part 1: Composition, specifications and conformity criteria.</i> Specifies the definition and composition of masonry cements as commonly used in Europe for the production of mortar for bricklaying and blocklaying and for rendering and plastering. Includes physical, mechanical and chemical requirements and defines strength classes.
SANS 60335-2-31:2014/ IEC 60335-2-31:2012 (SANS 60335-2-31:2009)	<i>Household and similar electrical appliances - Safety Part 2-31: Particular requirements for range hoods and other cooking fume extractors.</i> Deals with the safety of electric range hoods and other cooking fume extractors intended for installing above, beside, behind or under household cooking ranges, hobs and similar cooking appliances, their rated voltage being not more than 250 V.
SANS 60704-2-14:2014/ IEC 60704-2-14:2013 (SANS 60704-2-14:2011)	<i>Household and similar electrical appliances - Test code for the determination of airborne acoustical noise Part 2-14: Particular requirements for refrigerators, frozen-food storage cabinets and food freezers.</i> Specifies the measuring conditions to provide for sufficient accuracy in determining the noise emitted and comparing the results of measurements taken by different laboratories, whilst simulating as far as possible the practical use of household refrigerators, frozen-food storage cabinets and food freezers. Recommended to consider the determination of noise levels as part of a comprehensive testing procedure covering many aspects of the properties and performance of household refrigerators, frozen-food storage cabinets and food freezers.
SANS 60884-2-7:2013/ IEC 60884-2-7:2013 (Ed.1.1 and IEC corr.1)	<i>Plugs and socket-outlets for household and similar purposes Part 2-7: Particular requirements for cord extension sets. IEC corrigendum No. 1.</i> Corrected to modify information in the NOTES to the scope (NOTES 1 and 2).
SANS 61010-2-081:2014/ IEC 61010-2-081:2009 (Ed. 1.1)	<i>Safety requirements for electrical equipment for measurement, control and laboratory use Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes. IEC amendment No. 1.</i> Amended to delete annex BB and the replacement subclause 8.1.2, and to replace figure AA.1 by a new figure AA.1.
SANS 61535:2012/ (SANS 61535:2012) (Ed. 1.1 and IEC corr.1)	<i>Installation couplers intended for permanent connection in fixed installations. IEC corrigendum No. 1.</i> Corrected to add a requirement for the manufacturer's catalogue and installation instructions.

Standard No. and year	Title, scope and purport
SANS 61968-9:2014/ IEC 61968-9:2013 (SANS 61968-9:2011)	<i>Application integration at electric utilities - System interfaces for distribution management Part 9: Interfaces for meter reading and control.</i> Specifies the information content of a set of message types that can be used to support many of the business functions related to meter reading and control. Includes typical uses of the message types such as meter reading, controls, events, customer data synchronization and customer switching - although intended primarily for electrical distribution networks. Can be used for other metering applications, including non-electrical metered quantities necessary to support gas and water networks.

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 685	<i>Fibre-cement sheets (flat and profiled).</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.