

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

No. 503

19 July 2013

**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 893-1:2013	<i>Legionnaires' disease - Part 1: Risk assessment.</i> Provides guidelines for the risk management of <i>Legionella</i> bacteria in any undertaking involving a work activity and to premises regulated in connection with a trade, business or other undertaking where water is used or stored and where there is a means of creating and transmitting water droplets which may be inhaled thereby causing a reasonably foreseeable risk of exposure to <i>Legionella</i> bacteria. Can only be used in conjunction with SANS 893-2.
SANS 893-2:2013	<i>Legionnaires' disease - Part 2: The control of Legionella in water systems.</i> Provides requirements for the design and management of cooling towers, evaporative condensers, hot and cold water systems, or any water system where water is used or stored and where there is a means of creating and transmitting water droplets which might be inhaled, so as to control the risk of exposure to <i>Legionella</i> bacteria that cause Legionnaires' disease. Can only be used in conjunction with SANS 893-1.
SANS 1438:2013	<i>Portable light assemblies for underground use in mines.</i> Covers caplamps for miners including the design and construction of portable light assemblies. Also covers requirements for cables, headpieces with light sources and power sources with protective cover. Provides information on the effect of the supply voltage on the power, light output, current, efficacy and life of incandescent lamps.
SANS 3000-2-4:2013 RSR 2-4	<i>Railway safety management - Part 2-4: Technical requirements for engineering and operational standards - Train authorization and control, and telecommunication.</i> Covers the minimum requirements for train authorization and control systems, and telecommunication systems, which provide a means to enable safe train and shunt movements of rolling stock through the use of appropriate technology. Can only be used in conjunction with SANS 3000-2-1.
SANS 3548-2:2013/ ISO 3548-2:2009	<i>Plain bearings - Thin-walled half bearings with or without flange - Part 2: Measurement of wall thickness and flange thickness.</i> Specifies, in accordance with ISO 12301 (published in South Africa as an identical adoption under the designation SANS 12301), the checking of the wall-thickness of thin-walled half bearings with or without flange and describes the required checking methods and measuring equipment.
SANS 13431:2013/ ISO 13431:1999	<i>Geotextiles and geotextile-related products - Determination of tensile creep and creep rupture behaviour.</i> Specifies a method for determining the tensile creep and creep rupture behaviour of geotextiles and geotextile-related products in unconfined situations.
SANS 25745-1:2013/ ISO 25745-1:2012	<i>Energy performance of lifts, escalators and moving walks - Part 1: Energy measurement and verification.</i> Specifies methods of measuring actual energy consumption of lifts, escalators and moving walks on a single unit basis and methods of carrying out periodic energy verification checks on lifts, escalators and moving walks in operation.

**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 972-2:2013 (Ed. 2.4)	<i>Signs for street and property identification - Part 2: Non-retro-reflective signs. Consolidated edition incorporating amendment No. 4.</i> Amended to update a referenced standard and to delete reference to the Standardization Mark Scheme.
SANS 1022:2013 (Ed. 2.2)	<i>Metal roofing tiles. Consolidated edition incorporating amendment No. 2.</i> Amended to update a referenced standard.
SANS 1082:2013 (Ed. 3.1)	<i>Disinfectants based on phenolics. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 1182:2013 (Ed. 1.4)	<i>Light gauge welded steel pipes. Consolidated edition incorporating amendment No. 4.</i> Amended to update the scope and the referenced standards, to delete the requirement for steel pipes suitable for threading and to add a requirement for pipe marking.
SANS 1198:2013 (Ed. 2.1)	<i>The manufacture of rubber sheeting for rubber lining. Consolidated edition incorporating amendment No. 1.</i> Amended to update a referenced standard.
SANS 1221-1:2013 (Ed. 1.1)	<i>Skin cleansers - Part 1: Detergent skin cleansers. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 1456-1:2013 (Ed. 1.3)	<i>Collapsible delivery hose for fire fighting purposes - Part 1: General requirements and methods of test. Consolidated edition incorporating amendment No. 3.</i> Amended to move reference to a national department to the foreword, to correct the value of d in the chemical resistance test, and to update referenced standards.
SANS 1879:2013 (SANS 1879:2011)	<i>Precast concrete suspended slabs.</i> Covers the components of precast concrete suspended slabs of two different systems, hollow core slabs, and beam and infill block slabs as used in buildings for floors and roofs.
SANS 1913:2013 (SANS 1913:2008)	<i>Kerosene for domestic heating and illuminating.</i> Specifies the requirements for a hydrocarbon fuel suitable for use in wick-fed, pressure vaporizing and other kerosene burning appliances for space heating, cooking and illumination. Kerosene is colloquially referred to as paraffin.
SANS 3001-GR31:2013 (Ed. 1.1)	<i>Civil engineering test methods - Part GR31: Determination of the maximum dry density and optimum moisture content of laboratory mixed cementitious stabilized materials. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, and to change the aperture size of a sieve in the apparatus clause.
SANS 5644:2013 (SABS SM 644:1988)	<i>Accumulated impact strength of toe-puff materials and the degree of softening of toe-puffs.</i> Specifies a method for the determination of the accumulated impact strength of toe-puff materials and the degree of softening of toe-puffs.
SANS 5649:2013 (SABS SM 649:1972)	<i>Determination of density of elastomeric material.</i> Specifies a method for the determination of the density of elastomeric material.
SANS 5653:2013 (SABS SM 653:1972)	<i>Determination of heat shrinkage of elastomeric material.</i> Specifies a method for the determination of the heat shrinkage of elastomeric material.
SANS 5654:2013 (SABS SM 654:1972)	<i>Determination of compression set of elastomeric material.</i> Specifies a method for the determination of the compression set of elastomeric material.
SANS 5655:2013 (SABS SM 655:1972)	<i>Determination of flammability of elastomeric material.</i> Specifies a method for the determination of the flammability of elastomeric material.
SANS 5656:2013 (SABS SM 656:1972)	<i>Determination of swelling of elastomeric material in swelling liquids.</i> Specifies a method for the determination of the swelling of elastomeric material in swelling liquids.
SANS 5660:2013 (SABS SM 660:1968)	<i>Determination of adhesion of outer soles to upper material (stuck-on).</i> Specifies a method for the determination of the adhesion of outer soles to upper material.
SANS 5661:2013 (SABS SM 661:1968)	<i>Determination of adhesion of upper leather to direct moulded rubber soling material.</i> Specifies a method for the determination of the adhesion of upper leather to direct moulded rubber soling material.
SANS 5662:2013 (SABS SM 662:1973)	<i>Determination of peeling load (outer soles to canvas uppers) on canvas shoes.</i> Specifies a method for the determination of the peeling load on canvas shoes.
SANS 5663:2013 (SABS SM 663:1973)	<i>Determination of adhesion between foxing and canvas uppers in canvas shoes.</i> Specifies a method for the determination of the adhesion between foxing and canvas uppers in canvas shoes.
SANS 10102-1:2013 (Ed. 2.2)	<i>The selection of pipes for buried pipelines - Part 1: General provisions. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 10145:2013 (Ed. 1.4)	<i>Concrete masonry construction. Consolidated edition incorporating amendment No. 4.</i> Amended to update referenced standards.
SANS 10187-2:2013 (Ed. 1.1)	<i>Load securement on vehicles - Part 2: General freight. Consolidated edition incorporating amendment No. 1.</i> Amended to remove reference to specific subclauses and the date from a referenced standard.

Standard No. and year	Title, scope and purport
SANS 10187-3:2013 (Ed. 1.1)	<i>Load securement on vehicles - Part 3: Metal loads. Consolidated edition incorporating amendment No. 1.</i> Amended to remove reference to specific subclauses and the date from a referenced standard.
SANS 10187-4:2013 (Ed. 1.1)	<i>Load securement on vehicles - Part 4: Timber and sugar cane. Consolidated edition incorporating amendment No. 1.</i> Amended to remove reference to specific subclauses and the date from a referenced standard.
SANS 10187-7:2013 (Ed. 1.1)	<i>Load securement on vehicles - Part 7: Abnormal loads. Consolidated edition incorporating amendment No. 1.</i> Amended to remove reference to specific subclauses and the date from a referenced standard.
SANS 18031:2013 ISO/IEC 18031:2011 (SANS 18031:2007)	<i>Information technology - Security techniques - Random bit generation.</i> Specifies a conceptual model for a random bit generator for cryptographic purposes, together with the elements of this model. Specifies the characteristics of the main elements required for a non-deterministic random bit generator, specifies the characteristics of the main elements required for a deterministic random bit generator, and establishes the security requirements for both the non-deterministic and the deterministic random bit generator.
SANS 50197-1:2013/ EN 197-1:2011 (SANS 50197-1:2000)	<i>Cement - Part 1: Composition, specifications and conformity criteria for common cements.</i> Defines and gives the specifications of 27 distinct common cements, 7 sulfate resisting common cements as well as 3 distinct low early strength blast furnace cements and 2 sulfate resisting low early strength blast furnace cements and their constituents.
SANS 61347-2-2:2013/ IEC 61347-2-2:2011 (SANS 61347-2-2:2006)	<i>Lamp controlgear - Part 2-2: Particular requirements for d.c. or a.c. supplied electronic step-down convertors for filament lamps.</i> Specifies particular safety requirements for electronic step-down convertors for use on d.c. supplies of up to 250 V or a.c. supplies of up to 1 000 V, at 50 Hz or 60 Hz and with rated output voltage smaller than or equal to 50 V r.m.s. at a frequency deviating from the supply frequency, or 120 V ripple free d.c. between conductors and between any conductor and earth, associated with tungsten-halogen lamps as specified in IEC 60357 (published in South Africa as an identical adoption under the designation SANS 60357) and other filament lamps. Can only be used in conjunction with SANS 61347-1.
SANS 61347-2-7:2013/ IEC 61347-2-7:2011 (SANS 61347-2-7:2007)	<i>Lamp controlgear - Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting(self-contained).</i> Specifies particular safety requirements for battery supplied electronic controlgear for maintained and non-maintained emergency lighting purposes. Can only be used in conjunction with SANS 61347-1.

### 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
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### 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, Rosbank, 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.