

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

No. 686

5 September 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 164-2-1:2014	<i>Plug and socket-outlet systems for household and similar purposes for use in South Africa Part 2-1: Partially dedicated system, 16 A 250 V a.c.</i> Covers the rating and dimensions of the SANS 164-2 16 A 250 V a.c. plug and socket-outlet system for household and similar purposes, partially dedicated system, for use in South Africa.
SANS 164-2-2:2014	<i>Plug and socket-outlet systems for household and similar purposes for use in South Africa Part 2-2: Fully dedicated system, 16 A 250 V a.c.</i> Covers the rating and dimensions of the SANS 164-2 16 A 250 V a.c. plug and socket-outlet system for household and similar purposes, fully dedicated system, for use in South Africa.
SANS 6405-2:2014/ ISO 6404-2:1993	<i>Earth-moving machinery – Symbols for operator controls and other displays Part 2: Specific symbols for machines, equipment and accessories.</i> Establishes symbols uniquely for use on operator controls and other displays on earth-moving machinery as defined in ISO 6165 (published in South Africa as an identical adoption under the designation SANS 261).
SANS 7870-4:2014/ ISO 7870-4:2011	<i>Control charts Part 4: Cumulative sum charts.</i> Provides statistical procedures for setting up cumulative sum (cusum) schemes for process and quality control using variables (measured) and attribute data. Describes general-purpose methods of decision-making using cumulative sum (cusum) techniques for monitoring, control and retrospective analysis.
SANS 54509:2014/ EN 14509:2013	<i>Self-supporting double skin metal faced insulating panels – Factory made products – Specifications.</i> Specifies requirements for factory made, self-supporting, double skin metal faced insulating sandwich panels, which are intended for discontinuous laying in roofs and walls.

**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 967:2014 (Ed. 2.6)	<i>Unplasticized poly(vinyl chloride) (PVC-U) soil, waste and vent pipes and pipe fittings. Consolidated edition incorporating amendment No. 6.</i> Amended to update requirements for methylene chloride tests, to update referenced standards, and to update requirements for storage in the annex on notes to users of pvc-u pipes.
SANS 1291-1:2014 (Ed. 1.4)	<i>Flexible polyurethane foam sleeping mats and mattresses Part 1: Mats and mattresses having unsupported polymeric covers. Consolidated edition incorporating amendment No. 4.</i> Amended to update referenced standards, and to update material requirements.
SANS 1291-2:2014 (Ed. 2.4)	<i>Flexible polyurethane foam sleeping mats and mattresses Part 2: Foam mattresses for domestic and hotel use. Consolidated edition incorporating amendment No. 4.</i> Amended to update referenced standards, to update the table on mattress sizes (table 2), and to update requirements for fillings and quilting foams.
SANS 1307:2014 (Ed. 5.1)	<i>Domestic storage solar water heating systems. Consolidated edition incorporating amendment No. 1.</i> Amended to add the definition of "local supplier" and to renumber definitions accordingly, to add requirements for components in contact with hot potable water, to update referenced standards, to modify a requirement for galvanic action, to add new information on galvanic action and to renumber a subclause accordingly, to change requirements for frame and stand, and to correct cross references, and instruction booklet.
SANS 1515-2:2014 (SANS 1515-2:2006)	<i>Gas measuring equipment primarily for use in mines Part 2: Fixed, transportable, and vehicle-mounted flammable gas measuring and warning sensor heads, instruments and devices.</i> Covers requirements for the design, construction, safety and performance of fixed, transportable and vehicle-mounted flammable gas measuring instruments or devices for the routine detection and measurement of flammable gases in air by electrical and electronic means, and that are intended primarily for use in mines. Covers hand-held, portable, continuous duty and alarm only apparatus and spot-reading apparatus which are battery operated gas detectors of group 1. Does not cover the requirements for calibration kits.

Standard No. and year	Title, scope and purport
SANS 6405-2:2014/ ISO 6405-2:1993 (Ed. 1 and ISO amdts 1, 2)	<i>Earth-moving machinery – Symbols for operator controls and other displays Part 2: Specific symbols for machines, equipment and accessories. ISO amendment Nos 1, 2.</i> Amended to add symbols for excavators and backhoes.
SANS 6122:2014 (SANS 6122:2008)	<i>Structural timber – Characteristic values of strength-graded timber – Sampling, full-size testing and evaluation.</i> Provides requirements for sampling, testing and assessing the characteristic values of structural properties for specific grades and sizes of sawn timber, including finger-jointed timber and laminated timber.
SANS 15443-1:2014/ ISO/IEC TR 15443-1:2012 (SANS 15443-1:2006)	<i>Information technology – Security techniques – Security assurance framework Part 1: Introduction and concepts.</i> Defines terms and establishes an extensive and organized set of concepts and their relationships for understanding IT security assurance.
SANS 50198:2014/ EN 198:2008 (SANS 50198:1987)	<i>Sanitary appliances – Baths made from crosslinked cast acrylic sheets – Requirements and test methods.</i> Specifies requirements for baths for domestic purposes made from crosslinked cast acrylic sheet with the aim of ensuring that the product, when installed in accordance with the manufacturer's instructions, will provide satisfactory performance in use. Applies to all sizes and shapes of baths.
SANS 50545:2014/ EN 545:2010 (SANS 50545:2003)	<i>Ductile iron pipes, fittings, accessories and their joints for water pipelines – Requirements and test methods.</i> Specifies the requirements and associated test methods applicable to ductile iron pipes, fittings, accessories and their joints for the construction of pipelines outside buildings.
SANS 53138-1:2014/ EN 13138-1:2008 (SANS 53138-1:2007)	<i>Buoyant aids for swimming instruction Part 1: Safety requirements and test methods for buoyant aids to be worn.</i> Specifies safety requirements for the construction, performance, sizing and marking of swimming aids intended to assist users with movement through the water whilst learning to swim or whilst learning part of a swimming stroke.
SANS 60335-2-5:2014/ IEC 60335-2-5:2012 (SANS 60335-2-5:2009)	<i>Household and similar electrical appliances – Safety Part 2-5: Particular requirements for dishwashers.</i> Deals with the safety of electric dishwashers for household and similar purposes that are intended for washing and rinsing dishes, cutlery and other utensils, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.
SANS 60335-2-7:2014/ IEC 60335-2-7:2012 (Ed. 5.1 and IEC corr. 1)	<i>Household and similar electrical appliances – Safety Part 2-7: Particular requirements for washing machines.</i> Deals with the safety of electric washing machines for household and similar use, that are intended for washing clothes and textiles, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. <i>IEC corrigendum 1.</i> Corrected to update requirements in the clause on stability and mechanical hazards.
SANS 60884-1:2013/ IEC 60884-1:2013 (Ed. 2.2 and IEC corr.1)	<i>Plugs and socket-outlets for household and similar purposes Part 1: General requirements. IEC corrigendum No. 1.</i> Corrected to change the table on the relationship between the rating of accessories, the nominal cross-sectional areas of test conductors and the test currents for tests of temperature rise (table 20)
SANS 61439-3:201/ IEC 61439-3:2012 (Ed. 1 and IEC corr.1)	<i>Low-voltage switchgear and controlgear assemblies – Part 3: Distribution boards intended to be operated by ordinary persons (DBO). IEC corrigendum No. 1.</i> Corrected to replace wording in the clause on routine verification (clause 11), and to add a new subclause on dielectric properties to this clause.
SANS 62271-106:201/ IEC 62271-106:2011 (Ed. 1 and IEC corr 1)	<i>High-voltage switchgear and controlgear Part 106: Alternating current contactors, contactor-based controllers and motor-starters. IEC corrigendum No. 1.</i> Corrected to replace the notes to certain definitions, to replace wording in the clause on type tests, in the table on verification of the number of on-load operating cycles (table 10), and in the clause on guide to the selection of contactors and motor-starters for service, to add a new clause on influence of the product on the environment (clause 12), and to replace the figure on representation of the specified TRV by a two-parameter reference line and a delay line (figure 7).
SANS 62271-3-082:201/ IEC/IEEE 62271-3-082:201 (Ed. 1 and IEC/IEEE corr.1)	<i>High-voltage switchgear and controlgear Part 37-082: Standard practice for the measurement of sound pressure levels on alternating current circuit-breakers. IEC/IEEE corrigendum No. 1.</i> Corrected to change a reference number in the subclause on conversion under the clause on type test methods, and to change the figure on measurement of sound pressure levels of a.c. circuit-breakers.

### 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
ARP 136:2009/ DS/INF 136:2001	<i>Energy management – Guidance on energy management.</i>
SANS 879:2009/ DS 2403:2001	<i>Energy management – Specifications.</i>
SATS 50010:2010	<i>Measurement and verification of energy savings.</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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