

## DEPARTMENT OF TRADE AND INDUSTRY

No. 434

28 May 2010

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 Standards South Africa (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 1833-20:2010/ ISO 1833-20:2009	<i>Textiles – Quantitative chemical analysis – Part 20: Mixtures of elastane and certain other fibres (method using dimethylacetamide)</i> . Specifies a method using dimethylacetamide to determine the percentage of elastane, after removal of non-fibrous matter, in textiles made of binary mixtures of certain elastane fibres with cotton, viscose, cupro, modal, polyamide, polyester or wool fibres. This method is not applicable when acrylic fibres are present.
SANS 11014:2010/ ISO 11014:2009	<i>Safety data sheet for chemical products – Content and order of sections</i> . Presents information for the compilation and completion of an SDS. It defines specifically the general layout of the SDS, the 16 standard headings, the numbering and the sequence of these 16 standard headings and the items necessary to fill in an SDS with the conditions of their applicability or utilization.
SANS 23601:2010/ ISO 23601:2009	<i>Safety identification – Escape and evacuation plan signs</i> . Establishes design principles for displayed escape plans that contain information relevant to fire safety, escape, evacuation and rescue of the facility's occupants. These plans may also be used by intervention forces in case of emergency. These plans are intended to be displayed as signs in public areas and workplaces. Not intended to cover the plans to be used by external safety services nor detailed professional technical drawings for use by specialists.
SANS 50242:2010/ EN 50242/EN 60436:2008	<i>Electric dishwashers for household use – Methods for measuring the performance</i> . Applies to electric dishwashers (for household use) that are supplied with cold or hot water (or both). States and defines the principal performance characteristics and describes the standard methods of measuring these characteristics.
SANS 50304:2010/ EN 50304/EN 60350:2009	<i>Electric cooking ranges, hobs, ovens and grills for household use – Methods for measuring performance</i> . Defines methods for measuring the performance of electric cooking ranges, hobs, ovens and grills for household use.
SANS 54511-1:2010/ EN 14511-1:2007	<i>Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling – Part 1: Terms and definitions</i> . Specifies the terms and definitions for the rating and performance of air and water cooled air conditioners, liquid chilling packages, air-to-air, water-to-air, air-to-water and water-to-water heat pumps with electrically driven compressors when used for space heating or cooling.
SANS 54511-2:2010/ EN 14511-2:2007	<i>Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling – Part 2: Test conditions</i> . Specifies the test conditions for the rating of air and water cooled air conditioners, liquid chilling packages, air-to-air, water-to-air, air-to-water, and water-to-water heat pumps with electrically driven compressors when used for space heating or cooling. Also specifies test conditions for heat recovery operation of multisplit systems.
SANS 54511-3:2010/ EN 14511-3:2007	<i>Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling – Part 3: Test methods</i> . Specifies the test methods for the rating and performance of air and water-cooled air conditioners, liquid chilling packages, air-to-air, water-to-air, air-to-water and water-to-water heat pumps with electrically driven compressors when used for space heating and cooling.
SANS 54511-4:2010/ EN 14511-4:2007	<i>Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling – Part 4: Requirements</i> . Specifies the test conditions for the rating of air and water cooled air conditioners, liquid chilling packages, air-to-air, water-to-air, air-to-water, and water-to-water heat pumps with electrically driven compressors when used for space heating or cooling. Also specifies test conditions for heat recovery operation of multisplit systems.

**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 97:2019/ (SABS 97:2001)	<i>Electric cables – Impregnated paper-insulated metal-sheathed cables for rated voltages 3,3/3,3 kV to 19/33 kV (excluding pressure assisted cables).</i> Specifies the construction, materials, dimensions and test requirements for single-core and three-core impregnated, paper-insulated, metal-sheathed cables that have copper or aluminium conductors and lead, lead alloy or corrugated seamless aluminium sheaths, and that have rated voltages from 3,3/3,3 kV up to 19/33 kV.
SANS 105-F10:1989/ ISO 105-F10:1989	<i>Textiles – Tests for colour fastness – Part F10: Specification for adjacent fabric: Multifibre. ISO amendment No. 1.</i> Amended to update referenced standards and to change the amount of dye used for staining.
SANS 254:2010/ ISO 5010:2007	<i>Earth-moving machinery – Rubber-tyred machines – Steering requirements.</i> Covers the steering system tests and performance criteria for evaluating the steering capability of rubber-tyred self-propelled earth-moving machines.
SANS 255:2010/ ISO 10265:2008	<i>Earth-moving machinery – Crawler machines – Performance requirements and test procedures for braking systems.</i> Covers the minimum performance criteria and test methods to enable uniform assessment of the service, secondary and parking brake systems of crawler machines.
SANS 641:2010 (Ed. 1.2)	<i>Flexible polyurethane (polyester) foams. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards, to add definitions for "acceptable", "block", "lot" and "polyurethane foam", to delete the requirements for packing and for compliance, and to modify the requirements for sampling, and the requirements for inspection and methods of test.
SANS 957:2010/ ISO 6310:2009	<i>Road vehicles – Brake linings – Compressive strain test methods.</i> Specifies a method for test and measurement of the compressive displacement of brake linings or brake pad assemblies due to loading and temperature. Also provides a test method to assess lining thermal swell and growth. Applies to disc brake pad assemblies or coupon samples cut from the friction material.
SANS 966-1:2010 (Ed. 3.5)	<i>Components of pressure pipe systems – Part 1: Unplasticized poly(vinyl chloride) (PVC-U) pressure pipe systems. Consolidated edition incorporating amendment No. 5.</i> Amended to update referenced standards and table 3, and to change the source of reference on tolerances on wall thicknesses.
SANS 966-2:2010 (Ed. 1.6)	<i>Components of pressure pipe systems – Part 2: Modified poly(vinyl chloride) (PVC-M) pressure pipe systems. Consolidated edition incorporating amendment No. 6.</i> Amended to update table 3, the source of reference on tolerances on wall thicknesses, a referenced standard, and the bibliography.
SANS 1032:2010 (SABS 1032:2001)	<i>Detergent-disinfectants based on stabilized inorganic chlorine compounds.</i> Specifies requirements for two types of detergent-disinfectants based on stabilized inorganic chlorine compounds and other chemical agents (such as compatible surface-active agents and phosphates), that are miscible with water and intended for use on inanimate surfaces.
SANS 1808-18:2010 (Ed. 1.2)	<i>Water supply and distribution system components – Part 18: PVC-U gate valves. Consolidated edition incorporating amendment No. 2.</i> Amended to update the list of parts in the foreword, to update referenced standards, and to modify the design requirements.
SANS 1808-35:2010 (Ed. 1.2)	<i>Water supply and distribution system components – Part 35: Electronically operated taps and valves. Consolidated edition incorporating amendment No. 2.</i> Amended to update the reference to the national regulatory authority and to move it to the foreword, and to update the list of parts in the foreword.
SANS 5210:2010 (Ed. 2.3)	<i>Water – Nitrate and nitrite content. Consolidated edition incorporating amendment No. 3.</i> Amended to update referenced standards, and to correct values for total oxidized nitrogen in the table in 6.2.
SANS 5214:2010 (Ed. 3.2)	<i>Water – Zinc content. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 5217:2010 (Ed. 3.3)	<i>Water – Free and saline ammonia content. Consolidated edition incorporating amendment No. 3.</i> Amended to update referenced standards.
SANS 5220:2010 (Ed. 2.2)	<i>Water – Oxygen absorption. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 6048:2010 (Ed. 2.2)	<i>Water – Chemical oxygen demand. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 6049:2010 (Ed. 2.2)	<i>Water – Suspended solids content. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 6050:2010 (Ed. 2.2)	<i>Water – Sodium content. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 6054:2010 (Ed. 2.2)	<i>Water – Chromium content. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 6059:2010 (Ed. 2.1)	<i>Water – Mercury content. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.

Standard No. and year	Title, scope and purport
SANS 6168:2010 (Ed. 1.2)	<i>Water – Pretreatment for metal analysis. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 6169:2010 (Ed. 1.2)	<i>Water – Aluminium content. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 6170:2010 (Ed. 1.2)	<i>Water – Cobalt content. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 6171:2010 (Ed. 1.2)	<i>Water – Nickel content. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 10198-4:2010 (Ed. 2.1)	<i>The selection, handling and installation of electric power cables of rating not exceeding 33 kV – Part 4: Current ratings.</i> Deals with factors to be taken into account when an electrical distribution system is being designed. Covers current ratings for five types of cables installed under stipulated standard conditions. Rating factors for deviations from standard conditions of installation are tabulated and, in addition, short-circuit ratings for symmetrical and earth faults are given.
SANS 10250:2010	<i>Fitment and repair centres for automotive air-conditioning systems.</i> Specifies the site conditions and operating methods that should be uniformly applied in all franchised and independent fitment and repair centres to ensure that a high level of customer satisfaction is maintained. Also addresses protection of the environment (air, ground and water) particularly where the use, care, handling, monitoring and disposition of fluorocarbons (refrigerant gas) are concerned.
SANS 54511-3:2010/ EN 14511-3:2007	<i>Air conditioners, liquid chilling packages and heat pumps with electrically driven compressors for space heating and cooling – Part 3: Test methods. EN corrigendum No. 1.</i> The content of the corrigendum is only applicable to the German version.
SANS 60095-2:2010/ IEC 60095-2:2009 (SABS IEC 60095-2:1984)	<i>Lead-acid starter batteries – Part 2: Dimensions of batteries and dimensions and marking of terminals.</i> Applicable to lead-acid batteries used for starting, lighting and ignition of passenger cars and light vehicles with a nominal voltage of 12 V, which can be fastened to the vehicle by means of ledges around the container or by means of a hold-down device engaging with the lid.
SANS 60335-2-42:2010/ IEC 60335-2-42:2009 (SABS IEC 60335-2-42:2003) (Ed. 4.1)	<i>Household and similar electrical appliances – Safety – Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens. Consolidated edition incorporating amendment No. 1.</i> Amended to change the introduction, to change requirements for the degree of protection and construction, to include a warning against the danger of scalding, and to add referenced standards to the bibliography.
SANS 60456:2007/ IEC 60456:2003	<i>Clothes washing machines for household use – Methods for measuring the performance. National amendment No. 1.</i> Amended to include an informative national annex AA on the energy labelling of clothes washing machines.
SANS 60745-2-21:2010/ IEC 60745-2-21:2008 (Ed. 1.1)	<i>Hand-held motor-operated electric tools – Safety – Part 2-21: Particular requirements for drain cleaners. Consolidated edition incorporating amendment No. 1.</i> Amended to include a design requirement and to do editorial corrections.
SANS 61121:2010/ IEC 61121:2005 (Ed. 1.1)	<i>Tumble dryers for household use – Methods for measuring the performance. Consolidated edition incorporating amendment No. 1.</i> Amended to change the ambient temperature, ambient humidity and conditioning methods.
SANS 62552:2008/ IEC 62552:2007	<i>Household refrigerating appliances – Characteristics and test methods. National amendment No. 1.</i> Amended to include an informative national annex AA on the energy labelling of refrigerating appliances.

### 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 1179:1977	<i>Wet blue chrome-tanned hides.</i>
SANS 6028:2005	<i>Ash content of wood adhesives.</i>
SANS 6037:2005	<i>Insoluble matter content of wood adhesives.</i>
SANS 6039:2006	<i>Amylaceous and proteinaceous matter detection in wood adhesives.</i>
SANS 6040:2005	<i>Pot life of reactive liquid wood adhesives.</i>
SANS 6041:2008	<i>White point temperature (MFFT) of aqueous, wood adhesive dispersions.</i>
SANS 6043:2005	<i>Breaking strength in tension of wood adhesive bonds in close-joint and gap-joint test pieces</i>
SANS 6045:2007	<i>Resistance to delamination of wood adhesive bonds.</i>
SANS 10360:2006	<i>The maintenance and repair of electric and hydraulic powered lifts, escalators and passenger conveyors.</i>
SANS 60331-12:2003	<i>Tests for electric cables under fire conditions – Circuit integrity Part 12: Apparatus – Fire with shock at a temperature of at least 830 degrees C.</i>

Standard No. and year	Title, scope and purport
SANS 60331-312003	<i>Tests for electrical cables under fire conditions – Circuit integrity – Part 31: Procedures and requirements for fire with shock – Cables of rated voltage up to and including 0,6/1 kV.</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.