

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

**No. 201****27 February 2009**

**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 570:2008	<i>Directional stability performance of vehicles in the event of tyre failure.</i> Specifies requirements for directional stability performance for rigid passenger vehicles in the event of a tyre failure. It does not apply to articulated units, combinations of vehicles or failure of a tyre on a dual-wheeled axle.
SANS 631:2009	<i>Crocodiles in captivity.</i> Lays down requirements for the humane treatment of crocodiles for the purposes of breeding, rearing, transportation, translocation, slaughtering and exhibition by crocodile keepers or any other party keeping crocodiles for such purposes. It also covers environmental conditions for the breeding, rearing, transportation, slaughtering and exhibition of crocodiles in captivity, risks associated with crocodile farming, activities related to exhibition, and the health and safety of employees.
SANS 829:2009/ ISO 6240:1980	<i>Performance standards in building – Contents and presentation.</i> Specifies the basic contents to be included in performance standards for building components and assemblies, and indicates a standard order for their inclusion. It is intended for use by standards committees preparing performance standards for building committees and assemblies.
SANS 830:2009/ ISO 6241:1984	<i>Performance standards in building – Principles for their preparation and factors to be considered.</i> Lays down general principles for the preparation of performance standards in building.
SANS 831-2:2009/ ISO 6242-2:1992	<i>Building construction – Expression of users' requirements – Part 2: Air purity requirements.</i> Defines how the air purity requirements of building users can be identified and quantified.
SANS 831-3:2009/ ISO 6242-3:1992	<i>Building construction – Expression of users' requirements – Part 3: Acoustical requirements.</i> Defines how the acoustics requirements of building users can be identified, expressed and quantified.
SANS 861:2008/ ISO 1567:1999	<i>Dentistry – Denture base polymers.</i> Classifies denture base polymers and copolymers and specifies their requirements. It also specifies the test methods to be used in determining compliance with these requirements. It further specifies requirements with respect to packaging and marking the products and to the instructions to be supplied for use of these materials.
SANS 10263-0:2009	<i>The warehousing of dangerous goods – Part 0: General requirements.</i> Lays down design features and procedures to be followed to minimize risks to the safety of persons, property and the environment in cases where emergencies occur in warehouses used for the storage of dangerous goods. It applies to the warehousing of dangerous goods in excess of certain quantities. This document applies to the uncovered and covered storage of dangerous goods in warehouses that form part of a manufacturing operation, in distributors' warehouses, and in the storage areas of wholesale and retail premises. Some of the provisions of this standard might not apply in certain cases, for example small-scale business enterprises. Notwithstanding the provisions of annex A, this standard does not apply to areas where limited materials are displayed and advertised on shelves for sale to the public (as in the retail sections of supermarkets, hardware shops, home garden outlets, etc.), or to storage areas in laboratories.
SANS 21148:2008/ ISO 21148:2005	<i>Cosmetics – Microbiology – General instructions for microbiological examination.</i> Gives general instructions for carrying out microbiological examinations of cosmetic products, in order to ensure their quality and safety, in accordance with an appropriate risk analysis (e.g. low water activity, hydro-alcoholic, extreme pH values).
SANS 21149:2008/ ISO 21149:2006	<i>Cosmetics – Microbiology – Enumeration and detection of aerobic mesophilic bacteria.</i> Gives general guidelines for enumeration and detection of mesophilic aerobic bacteria present in cosmetics by counting the colonies on agar medium after aerobic incubation or by checking the absence of bacterial growth after enrichment.
SANS 22005:2009/ ISO 22005:2007	<i>Traceability in the feed and food chain – General principles and basic requirements for system design and implementation.</i> Gives the principles and specific basic requirements for the design and implementation of a feed and food chain traceability system. It can be applied by an organization operating at any step in the feed and food chain. It is intended to allow feed and food organizations to achieve identified objectives.
SANS 22938:2009/ ISO 22938:2008	<i>Document management – Electronic content/document management (CDM) data interchange format.</i> Defines the interchange of content/document management (CDM) data and all associated resources.

Standard No. and year	Title, scope and purport
SANS 25639-1:2009/ ISO 25639-1:2008	<i>Exhibitions, shows, fairs and conventions – Part 1: Vocabulary.</i> Specifies terms and definitions that are commonly used in the exhibition industry. They are grouped into the following four categories: (a) individual and entity, which lists and classifies the various types of people involved in the exhibition industry, (b) type of event, which defines the different types of exhibitions and their related meetings, (c) physical item, which describes the various component sizes of the exhibition, the types of facility and print material, and (d) miscellaneous.
SANS 25639-2:2009/ ISO 25639-2:2008	<i>Exhibitions, shows, fairs and conventions – Part 2: Measurement procedures for statistical purposes.</i> Establishes standard measurement procedures applicable to terms commonly used in the exhibition industry.

## 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 198:2009 (Ed. 4.2)	<i>Functional-control valves and safety valves for domestic hot and cold water supply systems. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to update the introductory paragraph to the normative references clause, to update referenced standards, and to update the requirements for materials.
SANS 308:2009 (Ed. 2.2)	<i>Cutback bitumen (Metric units). Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, and to update the definition of "acceptable", the contact details for ASTM, and a referenced standard.
SANS 540-1:2009 (Ed. 4.1)	<i>Fibreboard products – Part 1: Uncoated fibreboard. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable", to change the requirements for thickness swelling and water absorption and internal bond strength, to update referenced standards, and to remove reference to the certification mark.
SANS 794:2009 (Ed. 2.2)	<i>Aggregates of low density. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to update the contact details for ASTM, to correct a cross-reference, and to update referenced standards.
SANS 861:2008/ ISO 1567:1999	<i>Dentistry – Denture base polymers. ISO amendment No. 1.</i> Amended to extend the scope to include denture base polymer for which the manufacturer claims that the material is a high impact polymer and to specify the requirement and test method to be used, to update referenced standards, to modify packing plasticity requirements for unpolymerized material (5.1.3) and residual methyl methacrylate monomer requirements for polymerized material (5.2.10), to add impact strength requirements for polymerized material (5.2.13), to modify the expression of results for the flexural strength and flexural modulus test method (8.5.3.5.2.5) and for the pass/fail determination of water solubility (8.8.5.4), to correct a cross reference in 8.7.3.3.2, and to add an impact strength test method (8.9).
SANS 936:2008 (Ed. 1.2)	<i>Spheroidal graphite iron castings. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to update referenced standards and the definition of "acceptable", to remove reference to imperial units and the approximate conversion factor from Izod to Charpy and equivalent stress values, and to remove the relevant appendix.
SANS 937:2008	<i>Austenitic spheroidal graphite iron castings. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to update referenced standards and the definition of "acceptable", to remove reference to imperial units and the approximate conversion factor from Izod to Charpy and equivalent stress values, and to remove the relevant appendix.
SANS 974-3:2009 (Ed. 1.1)	<i>Rubber joint rings (non-cellular) – Part 3: Joint rings for use in pressure cookers. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to remove reference to the mark scheme, to update the definition of "acceptable", and to update referenced standards.
SANS 1130:2008 (Ed. 1.4)	<i>Fibre reinforcing material for pipe wrapping. Consolidated edition incorporating amendment No. 4.</i> Amended to update referenced standards.
SANS 1182:2009 (Ed. 1.3)	<i>Light gauge welded steel pipes. Consolidated edition incorporating amendment No. 3.</i> Amended to change the designation of SABS standards to SANS standards, to update the introductory paragraph to the normative references clause, to update referenced standards, and to update the definition of "acceptable".
SANSS 1228:2009 (Ed. 2.1)	<i>Abrasion-resistant polymeric gloves: Lined type. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, and to delete a footnote on the obtainability of emery paper.
SANS 1241:2008 (SABS 1241:2002)	<i>Aluminium sulfate for general purposes.</i> Covers four grades of aluminium sulfate supplied in liquid form and in the solid form as kibbles, coarse granules, fine granules, and powder.

Standard No. and year	Title, scope and purport
SANS 1255:2009 (SABS 1255:1985)	<i>Oven cleaner and grease remover.</i> Covers three types of oven cleaners and grease removers that are suitable for the removal of carbon deposits, grease, baked-on fats and other surface contaminants from industrial and domestic cooking ovens, grills, fryers and other steel kitchen equipment, but that are not intended for use in self-cleaning ovens. As type 1 and type 2 oven cleaners may contain solvents that are detrimental to health, it is recommended that these cleaners be used in well-ventilated areas and that prolonged breathing of the vapours be avoided. Oven cleaners that contain solvents in a quantity that is detrimental to health are not recommended for domestic use.
SANS 1292:2009 (Ed. 1.1)	<i>Castors for furniture. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable", to update the requirements for sintered metal, to update the requirements for paints, and to update referenced standards.
SANS 1307:2009 (SABS 1307:2007)	<i>Domestic solar water heaters.</i> Specifies the requirements of domestic solar water heating systems. Does not apply to solar water heaters for swimming pools or to industrial and commercial solar water heaters, or to push-through type domestic solar water heaters.
SANS 1420:2009 (Ed. 1.1)	<i>Bed bases (spring upholstered). Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable", and to update referenced standards.
SANS 1545-1:2009 (Ed. 3.3)	<i>Safety rules for the construction and installation of lifts – Part 1: Electric lifts. Consolidated edition incorporating amendment No. 3.</i> Amended to update a referenced standard, and to change an item in the certificate of the commissioning acceptance test for electric lifts.
SANS 1545-2:2009 (Ed. 3.3)	<i>Safety rules for the construction and installation of lifts – Part 2: Hydraulic lifts. Consolidated edition incorporating amendment No. 3.</i> Amended to update a referenced standard.
SANS 5235:2008 (SABS SM 235:2008)	<i>Standard test method for the determination of the diastatic power of malts prepared from sorghum including bird-proof varieties, and from millet.</i> Specifies a method for the determination of the diastatic power of malts prepared from sorghum and from millet.
SANS 5819:2009 (SABS SM 819:1978)	<i>Pesticides – Rearing and handling of the dried-fruit moth (Ephestia cautella Walker).</i> Specifies a method for the rearing and handling of the dried-fruit moth (Ephestia cautella Walker).
SANS 6210:2009 (SABS SM 1210:1992)	<i>Domestic solar water heaters – Mechanical qualification tests.</i> Specifies test methods for mechanical qualification of domestic solar water heaters.
SANS 10080:2009 (Ed. 2.2)	<i>The rodentproofing of buildings. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, and to remove reference to South Africa in relation to the position of a health officer.
SANS 10091:2009 (Ed. 2.3)	<i>The safe working of power-driven woodworking machinery. Consolidated edition incorporating amendment No. 3.</i> Amended to change the designation of SABS standards to SANS standards, to move reference to legislation to the foreword and to modify a recommendation for good housekeeping.
SANS 10111-2-5:1993/ ISO 8015:1985	<i>Engineering drawing – Part 2: Geometrical tolerancing Section 5: Fundamental tolerancing principle. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 10125:2009 (Ed. 1.2)	<i>The installation of flexible membrane linings in earth embankment reservoirs. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards and to update a referenced standard.
SANS 10247:2009 (Ed. 1.1)	<i>The cleaning of textile upholstered furniture. Consolidated edition incorporating amendment No.</i> Amended to change the designation of SABS standards to SANS standards, and to update the introductory paragraph to the normative references clause. 1.
SANS 10299-6:2009 (Ed. 1.2)	<i>Development, maintenance and management of groundwater resources – Part 6: The installation and commissioning of pumping equipment for production boreholes. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to update the introductory paragraph to the normative references clause, to update referenced standards, and to move reference to national legislation to the foreword.
SANS 19784-1:2007/ ISO/IEC 19784-1:2006	<i>Information technology – Biometric application programming interface – Part 1: BioAPI specification. ISO/IEC amendment No. 1.</i> Amended to extend and to improve the application-controlled BioGUI feature, to align the values of the type definition and to modify BioAPI framework behaviour to support the use of biometric service providers that are remote from controlling applications.
SANS 19794-5:2007/ ISO/IEC 19794-5:2005	<i>Information technology – Biometric data interchange formats – Part 5: Face image data. ISO/IEC amendment No. 1.</i> Amended to include Annex B and added additional bibliography items. <i>ISO/IEC corrigendum No. 1.</i> Corrected by replacing "value 2" with "value 0x01" (8.5.2). <i>ISO/IEC corrigendum No. 2.</i> Corrected by replacing text in subclauses, adding new clauses and subclauses and changing a bibliographic item.
SABS 50196-6:1989/ EN 196-6:1989	<i>Methods of testing cement – Part 6: Determination of fineness. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 50657:2009/ EN 657:2005 (SABS EN 657:1994)	<i>Thermal spraying – Terminology, classification.</i> Specifies processes and general terms for thermal spraying. Also classifies the thermal spraying processes according to type of spray material, type of operation, and type of energy carrier.
SANS 50858-1:2002/ EN 858-1:2002	<i>Separator systems for light liquids (e.g. oil and petrol) – Part 1: Principles of product design, performance and testing, marking and quality control. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.

**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 1334:1982	<i>Denture base resin.</i>
SAS 1552:1992	<i>On-board computers for road transport.</i>
SANS1558:1992	<i>Tachograph recording equipment installed in road transport) excluding on-board computers).</i>
SANS 1621-0:1997	<i>Messages for electronic data interchange (EDI) – Part 0: General information.</i>
SANS 1646:1995	<i>South African Standard Message (ZASM)</i>
SANS 1792-1:2008	<i>Refillable welded steel gas cylinders – Part 1: LPG fuel tanks for motor vehicles.</i>
SANS 6422:1985	<i>Layout key for trade documents.</i>
SANS 11568-1:1994	<i>Banking – Key management (retail) – Part 1: Introduction to key management.</i>
SANS 11568-2:1994	<i>Banking – Key management (retail) – Part 2: Key management techniques for symmetric ciphers.</i>
SANS 11568-3:1994	<i>Banking – Key management (retail) – Part 3: Key life cycle for symmetric ciphers.</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.