

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

No. 308

7 April 2006

**STANDARDS ACT, 1993
STANDARDS MATTERS**

In terms of the Standards Act, 1993 (Act No. 29 of 1993), 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
SAWS 962006	<i>Batch sampling and acceptance criteria for explosion-protected apparatus (EPA)</i> . Covers the sampling (batch testing) procedure and compliance requirements for explosion-protected apparatus of certified design not manufactured, distributed, supplied or imported under a recognized product certification scheme.
SANS 360:2005/ ISO 7063:2003	<i>Rolling bearings – Needle roller bearing track rollers – Boundary dimensions and tolerances</i> . Specifies the boundary dimensions of needle roller bearing track rollers, yoke and stud type.
SANS 427-1:2006/ ISO 1087-1:2000	<i>Terminology work – Vocabulary – Part 1: Theory and application</i> . Provides a basic vocabulary for the theory and application of terminology work. It does not embrace the vocabulary dealing with computer applications in terminology work which is covered by SANS 427-2.
SANS 427-2:2006/ ISO 1087-2:2000	<i>Terminology work – Vocabulary – Part 2: Computer applications</i> . Defines terms for language and information processing for computer applications in terminology work and terminography. A systematic description of concepts in the field of terminology in general is covered by SANS 427-1.
SANS 441:2006	<i>Timber preservative – Mixture of azoles and permethrin</i> . Specifies the requirements for the ready-to-use mixture of azoles (tebuconazole and propiconazole) and permethrin, in a liquid form for use as a timber preservative. Provides the methods for determining the tebuconazole, propiconazole and permethrin content of the timber preservative.
SANS 473:2006/ NRS 071:2004	<i>Automated meter reading for large power users</i> . Applies to automated meter reading (AMR) in South Africa for large power users as defined by the relevant electricity supply authority. Does not cover the communications system between the AMR meter and the remote master station.
SANS 474:2006/ NRS 057:2005	<i>Code of practice for electricity metering</i> . Specifies procedures and standards to be adhered to by electricity licensees and their agents in operating and servicing new and existing metering installations that are to be used for billing purposes. Applicable to metering installations in their entirety, including all measuring transformers, wiring, cabling, metering panel construction, active and reactive meters, data loggers and associated test facilities.
SANS 643920061 ISO 64391990	<i>Water quality – Determination of phenol index – 4-Aminoantipyrine spectrometric methods after distillation</i> . Specifies two methods for determining the phenol index in drinking waters, surface waters and waste waters; by direct colorimetric method capable of measuring the phenol index in test samples that contain more than 0,10 mg/L in the aqueous phase (without chloroform extraction), using phenol as a standard; and a chloroform extraction method capable of measuring the phenol index without dilution from about 0,002 mg/L to about 0,010 mg/L when the coloured end-product is extracted and concentrated in chloroform phase, using phenol as a standard.
SANS 8968-1:2006/ ISO 8968-1:2001	<i>Milk – Determination of nitrogen content – Part 1: Kjeldahl method</i> . Specifies a method for the determination of the nitrogen content of liquid milk, whole or skimmed, by the Kjeldahl principle.
SANS 8968-2:2006/ ISO 8968-2:2001	<i>Milk – Determination of nitrogen content – Part 2: Block-digestion method (Macro method)</i> . Specifies a method for the determination of the nitrogen content of liquid milk, whole or skimmed, by the block-digestion principle.
SANS 8968-4:2006/ ISO 896842001	<i>Milk – Determination of nitrogen content – Part 4: Determination of non-protein-nitrogen content</i> . Specifies a method for the determination of the non-protein nitrogen content of liquid milk, whole or skimmed.
SANS 8968-5:2006/ ISO 8968-5:2001	<i>Milk – Determination of nitrogen content – Part 5: Determination of protein-nitrogen content</i> . Specifies a method for the direct determination of the protein-nitrogen content of liquid milk, whole or skimmed.
SANS 10375:2006	<i>The inspection, testing and examination of overhead cranes</i> . Covers provisions for the inspection, testing and examination of overhead cranes in use.

Standard No. and year	Title, scope and purport
SANS 11607:2006/ ISO 11607:2003	<i>Packaging for terminally sterilized medical devices.</i> Specifies the requirements for single-use materials and reusable containers used for packaging of terminally sterilized medical devices. Outlines principle requirements for packaging process development and validation. Provides designers and manufacturers of medical devices with a framework of laboratory tests and evaluations to qualify the overall performance of the package used to protect device components during handling, distribution and storage.
SANS 14798:2006/ ISO/TS 14798:2000	<i>Lifts (elevators), escalators and passenger conveyors – Risk analysis methodology.</i> Establishes requirements and procedures for carrying out risk analysis for lifts (elevators), escalators and passenger conveyors.
SANS 15443-2:2006/ ISO/IEC TR 15443-2:2005	<i>Information technology – Security techniques – A framework for IT security assurance – Part 2: Assurance methods.</i> Provides a collection of assurance methods including those not unique to ICT security as long as they contribute to overall ICT security. It gives an overview as to their aim and describes their features, reference and standardization aspects. Each item of the collection presented in this part is classified in an overview fashion using the basic assurance concepts and terms developed in SANS 15443-1. Using this categorization, this part guides the ICT professional in the selection, and possible combination, of the assurance method(s) suitable for a given ICT security product, system, or service and its specific environment.
SANS 16642:2006/ ISO 16642:2003	<i>Computer applications in terminology – Terminological markup framework.</i> Specifies a framework designed to provide guidance on the basic principles for representing data recorded in terminological data collections. This framework includes a meta-model and methods for describing specific terminological markup languages (TMLs) expressed in XML. The mechanisms of implementing constraints in a TML are defined in this International Standard, but not the specific constraints for individual TMLs, except for the three TMLs defined in Annexes B to D. Defines the conditions that allow the data expressed in one TML to be mapped onto another TML and specifies a generic mapping tool (GMT) for this purpose (see Annex A). Also describes a generic model for describing linguistic data.
SANS 21572:2005/ ISO 21572:2004	<i>Foodstuffs – Methods for the detection of genetically modified organisms and derived products – Protein based methods.</i> Provides general guidelines and performance criteria for methods for the detection or quantitation of specific proteins derived from genetically modified (GM) plant material in a specified matrix. These guidelines address existing antibody based methods.
SANS 22000:2005/ ISO 22000:2005	<i>Food safety management systems – Requirements for any organization in the food chain.</i> Specifies requirements for a food safety management system where an organization in the food chain needs to demonstrate its ability to control food safety hazards in order to ensure that food is safe at the time of human consumption. It is applicable to all organizations, regardless of size, which are involved in any aspect of the food chain and want to implement systems that consistently provide safe products.
SANS 27001:2006/ ISO/IEC 27001:2005	<i>Information technology – Security techniques – Information security management systems – Requirements.</i> Specifies the requirements for establishing, implementing, operating, monitoring, reviewing, maintaining and improving a documented information security management system (ISMS) within the context of the organization's overall business risks. It covers all types of organizations (e.g. commercial enterprises, government agencies, non-profit organizations) and specifies requirements for the implementation of security controls customized to the needs of individual organizations or parts thereof. The requirements set out in this standard are generic and are intended to be applicable to all organizations, regardless of type, size and nature. Excluding any of the requirements that are specified in clauses 4, 5, 6, 7, and 8 is not acceptable when an organization claims conformity to this standard.
SANS 50471:2006/ EN 471:2003	<i>High-visibility warning clothing for professional use – Test methods and requirements.</i> Specifies requirements for protective clothing able to visually signal the wearer's presence during hazardous situations under any light conditions by day and under illumination by vehicle headlights by night.
SANS 53763-12:2006/ EN 13763-12:2003	<i>Explosives for civil uses – Detonators and relays – Part 12: Determination of resistance to hydrostatic pressure.</i> Defines the methods for the determination of resistance to hydrostatic pressure of electric and non-electric detonators, surface connectors and relays.
SANS 53763-13:2006/ EN 13763-13:2004	<i>Explosives for civil uses – Detonators and relays – Part 13: Determination of resistance of electric detonators to electrostatic discharge.</i> Specifies a method for determining whether electric detonators can withstand an electrostatic discharge (ESD) without detonating. The method is not applicable to magnetically-coupled detonators.
SANS 53763-16:2006/ EN 13763-16:2003	<i>Explosives for civil uses – Detonators and relays – Part 16: Determination of delay accuracy.</i> Describes a method for determining the delay time accuracy of detonators and surface connectors with pyrotechnic delay elements. It does not apply to those with an electronic time delay.
SANS 53763-17:2006/ EN 13763-17:2003	<i>Explosives for civil uses – Detonators and relays – Part 17: Determination of no-fire current of electric detonators.</i> Describes a method for determining the no-fire current of electric detonators.
SANS 53763-18:2006/ EN 13763-18:2003	<i>Explosives for civil uses – Detonators and relays – Part 18: Determination of series firing current of electric detonators.</i> Describes a method to determine the reliability of electric detonators connected in series, when the manufacturer's stated series firing current is applied. The test method does not apply to magnetically coupled detonators and electronic detonators.
SANS 53763-20:2006/ EN 13763-20:2003	<i>Explosives for civil uses – Detonators and relays – Part 20: Determination of total electrical resistance of electric detonators.</i> Defines a method for determining the electrical resistance of electric detonators.
SANS 53811:2006/ EN 13811:2003	<i>Sherardizing – Zinc diffusion coatings on ferrous products – Specification.</i> Specifies minimum thickness requirements for three classes of zinc coating applied to ferrous products by the sherardizing process for the purpose of protection against corrosion and abrasion. Also specifies minimum requirements for zinc dust to be used during the sherardizing process. However, it does not specify any requirements for the surface condition (finish or roughness) of the basis material before finish nor does it cover after-treatments or overcoating of sherardized articles.

Standard No. and year	Title, scope and purport
SANS 60670-24:2006/ IEC 60670-24:2005	<i>Boxes and enclosures for electrical accessories for household and similar fixed electrical installations – Part 24: Particular requirements for enclosures for housing protective devices and similar power consuming devices.</i> Applies to empty enclosures and parts of them for electrical accessories intended to be used with a rated voltage not exceeding 400 V and a total incoming load current not exceeding 125 A for household and similar fixed electrical installations, where a maximum capability to dissipate power in normal use is declared by the manufacturer.
SANS 61000-3-5:2006/ IEC 61000-3-5:1994	<i>Electromagnetic compatibility (EMC) – Part 3: Limits – Section 5: Limitation of voltage fluctuations and flicker in low-voltage power supply systems for equipment with rated current greater than 16 A.</i> Applies to the emission of disturbances due to voltage fluctuations and flicker. Applicable to electrical and electronic equipment intended to be connected to a public low-voltage a.c. distribution system.
SANS 61000-4-13:2006/ IEC 61000-4-13:2002	<i>Electromagnetic compatibility (EMC) – Part 4-13: Testing and measurement techniques – Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests.</i> Defines the immunity test methods and range of recommended basic test levels for electrical and electronic equipment with rated current up to 16 A per phase at disturbance frequencies up to and including 2 kHz (for 50 Hz mains) and 2,4 kHz (for 60 Hz mains) for harmonics and interharmonics on low voltage power networks.
SANS 61241-17:2006/ IEC 61241-17:2005	<i>Electrical apparatus for use in the presence of combustible dust – Part 17: Inspection and maintenance of electrical installations in hazardous areas (other than mines).</i> Intended to be applied by users and covers factors directly related to the inspection and maintenance of electrical installations within hazardous areas only. It does not include conventional requirements for electrical installations, nor the testing and certification of electrical apparatus.
SANS 61312-3:2006/ IEC TS 61312-3:2000	<i>Protection against lightning electromagnetic impulse – Part 3: Requirements of surge protective devices (SPDs).</i> Provides information for the design and installation of an effective lightning protection system. Also deals with basic questions of the energy coordination of surge protective devices (SPDs) among each other and between SPDs and the equipment to be protected.
SANS 61315:2006/ IEC 61315:2005	<i>Calibration of fibre-optic power meters.</i> Applicable to instruments measuring radiant power emitted from sources which are typical for the fibre-optic communications industry. These sources include laser diodes, light emitting diodes (LEDs) and fibre-type sources. The radiation may be divergent or collimated.
SANS 61663-1:2006/ IEC 61663-1:1999	<i>Lightning protection – Telecommunication lines – Part 1: Fibre optic installations</i> Covers the lightning protection of telecommunication lines in fibre optic installations. Points out the method for calculating the possible number of primary failures, choosing the feasible protective measures and indicating the tolerable frequency of primary failures.
SANS 61663-2:2006/ IEC 61663-2:2001	<i>Lightning protection – Telecommunication lines – Part 2: Lines using metallic conductors.</i> Covers protection against lightning of outdoor telecommunication lines using metallic conductors.
SANS 61995-1:2006/ IEC 61995-1:2005	<i>Devices for the connection of luminaires for household and similar purposes – Part 1: General requirements.</i> Applies to devices for the connection of luminaires intended for household and similar purposes, for the electrical connection of fixed luminaires to final circuits rated at no more than 16 A without providing mechanical support for the luminaire. The rated voltage is 125 V or 250 V at 50/60 Hz.
SANS 62073:2006/ IEC TS 62073:2003	<i>Guidance on the measurement of wettability of insulator surfaces.</i> Describes three methods that can be used for the measurement of the wettability of the shed and housing material of composite insulators for overhead lines, substations and equipment or ceramic insulators covered or not covered by a coating. The obtained value represents the wettability at the time of the measurement.
SANS 62271-110:2006/ IEC 62271-110:2005	<i>High-voltage switchgear and controlgear – Part 110: Inductive load switching.</i> Covers a.c. circuit-breakers designed for indoor or outdoor installation, for operation at frequencies of 50 Hz and 60 Hz on systems having voltages above 1 000 V and applied for inductive current switching with or without additional short-circuit current breaking duties.

Standard No. and year	Title, scope and purport
SANS 1692006 (SABS SM 184:1972)	<i>Free alkali content and free acid content of light coloured soap products.</i> Specifies a method for the determination of the free alkali content and free acid content of light coloured soap products.
SANS 185:2005 (Ed. 3.2)	<i>Immersion-type heating units for electrical appliances. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to update referenced standards, and to update the definition of "acceptable".
SANS 8242006 (Ed. 2.1)	<i>Lime for soil stabilization. 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 referenced standards, to delete reference to Trade Metrology Regulation, to update the provisions for quality verification and to change the annex on notes on rests.
SANS 986:2006 (Ed. 3.1)	<i>Precast reinforced concrete culverts. Consolidated edition incorporating amendment No. 1.</i> Amended to remove a requirement from the definition for proof load, to insert the units for proof loads in table 2, to clarify a requirement for deck shear (5.4.1.2), to clarify the value of H in NOTE 2 to table 3 and in clause 8, to correct references to tables and figures, to change the description of the feeler gauge (7.6.1.5), to correct a symbol in 7.6.2.2.2, and to change the titles of 7.6.2.3 and of figures 4 to 6.

Standard No. and year	Title, scope and purport
SANS 1012:2006 (Ed. 1.3)	<i>Electric light dimmers (Metric units). Consolidated edition incorporating amendment No. 3.</i> Amended to delete a reference to the certification mark scheme, to update the definition of "acceptable", to update referenced standards and regulations, to change the requirements for resistance to fire, and to delete a marking requirement.
SANS 1113:2006 (Ed. 1.1)	<i>Hand-operated, square-drive socket wrenches. Consolidated edition incorporating amendment No. 1.</i> Amended to redefine acceptable, to update referenced standards and to change the designation from SABS to SANS.
SANS 1186-5:2006 (Ed. 1.3)	<i>Symbolic safety signs – Part 5: Photoluminescent signs. Consolidated edition incorporating amendment No. 2.</i> Amended to align the requirements for luminance decay with international requirements, and to delete a reference to the certification mark.
SANS 1263-1:2006 (SABS 1263-1:1986)	<i>Safety and security glazing materials for buildings – Part 1: Safety performance of glazing materials under human impact.</i> Covers requirements for performance and marking of glazing materials for use in potentially hazardous (with regard to human impact) situations in buildings. It does not cover glass with coatings applied to glass on site or glazing materials under fire conditions.
SANS 1320-3:2006 (Ed. 1.4)	<i>PVC gum boots – Part 3: Injection-moulded ankle boots for men. Consolidated edition incorporating amendment No. 4.</i> Amended to change the designation of SABS standards to SANS standards, to change the definition of "acceptable", to update references to the types of rubber and plastics materials required, to add requirements for non-metallic eyelets, to correct references in the test for linear density, to add a test for the determination of the strength of eyelet facings, and to include a new referenced standard in the appendix on applicable standards.
SANS 1329-4:2006 (Ed. 3.7)	<i>Retro-reflective and fluorescent warning signs for road vehicles – Part 4: Retro-reflective chevron signs. Consolidated edition incorporating amendment No. 7.</i> Amended to replace reference to ISO 11341 with ISO 4892-2, to update the coordinates for red retro-reflective surfaces, and to change the test for resistance to artificial weathering.
SANS 1349:2006 (Ed. 1.2)	<i>Phenolic, aminoplastic and one-part polyurethane resin adhesives for the laminating and finger-jointing of timber, and for furniture and joinery. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to change the definition of "cept", to add to the requirements for pH and pot life, and to correct the reference to tests in the subclause on the test sample.
SANS 1486-1:2006 (Ed. 1.2)	<i>Domestic electric floor treatment machines – Part 1: Floor polishers. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation from SABS standards to SANS standards, to update the definition of "acceptable", to delete reference to the Government Notice 466 for compulsory safety standards, to delete reference to the certification mark, and to change the marking requirements to require English as the language for the indication of markings.
SANS 1486-2:2006 (Ed. 1.2)	<i>Domestic electric floor treatment machines – Part 2: Floor polishers. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation from SABS standards to SANS standards, to update the definition of "acceptable", to delete reference to the Government Notice 466 for compulsory safety standards, to delete the reference to the certification mark, and to change the marking requirements to require English as the language for the indication of markings.
SANS 1550-1:2005 (Ed. 2.1)	<i>Motor vehicle tyres and rims – Dimensions and loads – Part 1: General. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1556-1:2005 (Ed. 1.2)	<i>ISO metric screw threads – Part 1: Principles and basic data for general purpose screw threads. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the nonnative references, the definition of acceptable and the list of parts in the foreword, and to delete clause 9.
SANS 1625:2006 (Ed. 1.2)	<i>Amplitude-modulated (AM) broadcast transmissions in the LF, MF and HF bands. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 1906:2006 (Ed. 2.1)	<i>Non-pressure paraffin stoves and heaters. Consolidated edition incorporating amendment No. 1.</i> Amended to change the requirements for durability of construction, the leakage requirements of the fuel container, and the test method for emissions.
SANS 2220-1-7:2006 (Ed. 1.1)	<i>Electrical security systems – Part 1.7: Intruder alarm systems: Power units. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, and to update referenced standards.
SANS 2220-1-8:2006 (Ed. 1.2)	<i>Electrical security systems – Part 1.8: Environmental testing. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, and to update referenced standards.
SANS 4301-5:1991/ ISO 4301-5:1991	<i>Cranes – Classification – Part 5: Overhead travelling and portal bridge cranes. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 5185:2006 (SABS SM 185:1972)	<i>Total alkali content of soap powders or chips.</i> Specifies a method for the determination of the total alkali content of soap powders or chips.
SANS 5186:2006 (SABS SM 186:1972)	<i>Alkaline salt content of scouring compounds.</i> Specifies a method for the determination of the alkaline salt content (as anhydrous sodium carbonate) of scouring compounds.
SANS 5187:2006 (SABS SM 187:1972)	<i>Fatty matter content of soap products.</i> Specifies a method for the determination of the fatty matter content of soap products.
SANS 5188:2006 (SABS SM 188:1972)	<i>Unsaponified plus unsaponifiable matter content of soap products.</i> Specifies a method for the determination of the unsaponified plus unsaponifiable matter content of soap products.
SANS 5210:2006 (Ed. 2.2)	<i>Water – Nitrate and nitrite content. Consolidated edition incorporating amendment No. 2.</i> Amended to update a referenced standard.
SANS 5221:2006 (Ed. 4.2)	<i>Microbiological analysis of water – General test methods. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.

Standard No. and year	Title, scope and purport
SANS 5223:2006 (SABS SM 223:1972)	<i>Rosin content of fatty matter in soaps.</i> Specifies a method for the determination of the rosin content of fatty matter in soaps.
SANS 5224:2006 (SABS SM 224:1972)	<i>Chloride content of soap products (potentiometric method).</i> Specifies the potentiometric method for the determination of the chloride content of soap products.
SANS 5225:2006 (SABS SM 225:1972)	<i>Carbolic acid content of carbolic soap.</i> Specifies a method for the determination of the carbolic acid content of carbolic soap.
SANS 5226:2006 (SABS SM 226:1972)	<i>Volatile matter content of scouring compounds.</i> Specifies a method for the determination of the volatile matter content of scouring compounds.
SANS 5228:2006 (SABS SM 228:1972)	<i>Titre of fatty matter in soaps.</i> Specifies a method for the determination of the titre of fatty matter.
SANS 5230:2006 (SABS SM 230:1972)	<i>Fineness of water-insoluble matter of scouring compounds.</i> Specifies a method for the determination of the fineness of the water-insoluble matter of scouring compounds.
SANS 5232:2006 (SABS SM 232:1984)	<i>Abrasive number of scouring compounds.</i> Specifies a method for the evaluation of the abrasive number of scouring compounds.
SANS 5251:2006 (SABS SM 251:1964)	<i>Effect of heat on absorbent cotton wool.</i> Specifies a method for the determination of the effect of heat on absorbent cotton wool.
SANS 5667-1:1980/ ISO 5667-1:1980	<i>Water quality - Sampling - Part 1: Guidance on the design of sampling programmes. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 5667-2:1991/ ISO 5667-2:1991	<i>Water quality - Sampling - Part 2: Guidance on sampling techniques. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 5667-4:1987/ ISO 5667-4:1987	<i>Water quality - Sampling - Part 4: Guidance on sampling from lakes, natural and man-made. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 5667-5:1991/ ISO 5667-5:1991	<i>Water quality - Sampling - Part 5: Guidance on sampling of drinking water and water used for food and beverage processing. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 5667-11:1993/ ISO 5667-11:1993	<i>Water quality - Sampling - Part 11: Guidance on sampling of groundwaters. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 5667-15:1999/ ISO 5667-15:1999	<i>Water quality - Sampling - Part 15: Guidance on preservation and handling of sludge and sediment samples. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 5781:2006 (SABS SM 781:1984)	<i>Water-insoluble matter content of laundry detergents.</i> Specifies a method for the determination of the water-insoluble matter content of laundry detergents.
SANS 5806:2006 (SABS SM 806:1984)	<i>Foam height of laundry detergents.</i> Specifies a method for the determination of the foam height of laundry detergents.
SANS 6777:1984/ ISO 6777:1984	<i>Water quality - Determination of nitrite - Molecular absorption spectrometric method. National amendment No. 1.</i> Amended to change the designation of SABS to SANS, with no technical changes.
SANS 9000:2005/ ISO 9000:2005 (SABS ISO 9000:2005)	<i>Quality management systems - Fundamentals and vocabulary.</i> Describes fundamentals of quality management systems, which form the subject of the SANS 9000 family, and defines related terms. Is applicable to the following: organizations seeking advantage through the implementation of a quality management system; organizations seeking confidence from their suppliers that their product requirements will be satisfied; users of the products; those concerned with a mutual understanding of the terminology used in quality management (e.g. suppliers, customers, regulators); those internal or external to the organization who assess the quality management system or audit it for conformity with the requirements of SANS 9001 (e.g. auditors, regulators, certification/registration bodies); those internal or external to the organization who give advice or training on the quality management system appropriate to that organization; and developers of related standards.
SANS 10219-5:2006 (SABS 0219-5:1988)	<i>The determination of performance (at net power) of industrial internal combustion engines - Part 5: Torsional vibrations.</i> Covers a procedure for ensuring that torsional vibrations in shaft systems of sets driven by reciprocating internal combustion engines are kept within specified limits.
SANS 10219-6:2006 (SABS 0219-6:1988)	<i>The determination of performance (at net power) of industrial internal combustion engines - Part 6: Overspeed protection.</i> Covers a procedure for the protection of reciprocating internal combustion engines against damage caused by high engine speeds. Where necessary, individual requirements can be given for particular engine applications.
SANS 10262-1:2006 (Ed. 2.1)	<i>Radio sites - Part 1: Technical performance (narrowband analog mobile radio services). Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards and to correct clause numbering in Annex A.
SANS 10319:2006 (Ed. 1.1)	<i>The registration of manufacturers, importers and builders of categories M, N, O and L motor vehicles and agricultural tractors. Consolidated edition incorporating amendment No. 1.</i> Amended to include registration of manufacturers, importers and builders of category L motor vehicles and agricultural tractors.
SANS 10330:2006 (SABS 0330:1999)	<i>Requirements for a Hazard Analysis and Critical Control Point (HACCP) system.</i> Contains the requirements for the development, implementation and maintenance of a HACCP system as a preventative system to enhance the safety of food

Standard No. and year	Title, scope and purport
SANS 10340-1:2006 (Ed. 1.1)	<i>Installation of telecommunication cables – Part 1: Fibre optic cable in buildings. Consolidated edition incorporating amendment No. 1</i> Amended to change the designation of SABS standards to SANS standards, and to update referenced standards.
SANS 10973:1995/ ISO 10973:1995	<i>Cranes – Spareparts manual. National amendment No. 1.</i> Amended to change the designation from SABS to SANS with no technical changes.
SANS 12301:2005/ ISO 12301:1992	<i>Plain bearings – Quality control techniques and inspection of geometrical and material quality characteristics. ISO corrigendum No. 1.</i> Corrected to redefine the deformation in compression parameters in table 1, and to align the formulae in the annex on calculation of tangential load (annex A).
SANS 50136:1998/ EN 1361998	<i>Respiratory protective devices – Fullface masks – Requirements, testing, marking. EN corrigendum No. 1.</i> Corrected to insert the dimension for total length in the figure on the filter simulator (figure 9) and to modify the clause on information supplied by the manufacturer with reference to illustrations, part numbers and marking. <i>National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 50402:2006/ EN 402:2003 (SABS EN 402:1993)	<i>Respiratory protective devices – Lung governed demand self-contained open-circuit compressed air breathing apparatus with fullface mask or mouthpiece assembly for escape – Requirements, testing, marking.</i> Specifies requirements for lung governed demand self-contained open-circuit compressed-air breathing apparatus for escape. Laboratory and practical performance tests are included.
SANS 60034-1:2006/ IEC 60034-1:2004 (SABS IEC 60034-1:1999)	<i>Rotating electrical machines – Part 1: Rating and performance.</i> Is applicable to all rotating electrical machines except those covered by other IEC standards.
SANS 60269-1:2006 (Ed. 2.1)	<i>Low-voltage fuses – Part 1: General requirements. Consolidated edition incorporating amendment No. 1.</i> Amended to change "power acceptance" to "acceptable power dissipation" throughout the document, to add normative references and IEC reference numbers to definitions, to add requirements for marking and for breaking capacity, to change the definition of "discrimination of fuse-links", the requirements for rated power dissipation, the insulating properties, protection against electric shock and the requirements for overload protection.
SANS 61000-3-3:2006 (Ed. 1.2)	<i>Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems for equipment with rated current ≤ 16 A per phase and not subject to conditional connection. Consolidated edition incorporating amendment No. 2.</i> Amended to change a test condition for tumble dryers (A.4).
SANS 61663-1:2006/ IEC 61663-1:1999	<i>Lightning protection – Telecommunication lines – Part 1: Fibre optic installations. IEC corrigendum No. 1.</i> Changed (on p. 25, in the note to 7.4, "Use of shield wire for buried cables") to correct the wording " ...breakdown voltage limits" to read "... limits".
SANS 61744:2006/ IEC 61744:2005 (SANS 61744:2002)	<i>Calibration of fibre optic chromatic dispersion test sets.</i> Provides standard procedures for the calibration of optical fibre chromatic dispersion (CD) test sets.
SANS 62040-3:1999/ IEC 62040-3:1999	<i>Uninterruptible power systems (UPS) – Part 3: Method of specifying the performance and test requirements. IEC corrigendum No. 1.</i> Changed to correct a figure that gives an example of a non-sinusoidal output voltage waveform (figure 4), to correct a value in an equation for the calculation of the average of a rectified voltage (annex E) and to correct values in the legend to a figure (figure 7.3) that shows a measuring instrument for earth leakage current tests. <i>National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.

Standard No. and year	Title
SANS 10087-2:1977	<i>The handling, storage, and distribution of liquefied petroleum gas in domestic, commercial, and industrial installations – Part 2: Installations in mobile units and small non-permanent buildings. Contains recommendations for the materials and methods of construction and assembly of installations for the storage and distribution of liquefied petroleum gas in mobile units and small non-permanent buildings. Also contains recommendations for containers, appliances, piping, fittings and other components, and for the maintenance, inspection and testing of installations.</i>

Standard No. and year	Title
SANS 685:2002	<i>Fibre-cement sheets (flat and profiled), Specifies requirements for flat and profiled (straight and curved) sheets manufactured from fibre-cement. Cover coatings that are applied after the manufacture of the sheets are not covered</i>

Standard No. and year	Title
SANS 511989	<i>Methods of testing cements - Determination of strength</i>
SANS 1064:1994	<i>Car tapeplayers</i>
SANS 12142001	<i>Aluminium pigment paste for paints</i>
SANS 5205:1990	<i>Water - Fluoride content</i>
SANS 5211:1992	<i>Water quality - Determination of phenol index - 4-Aminoantipyrine spectrometric methods after distillation</i>
SANS 5219:1971	<i>Nitrite content of water</i>
SANS 5746:1971	<i>Coarse particles content of cement</i>
SANS 6217:1994	<i>Permitted electric detonators: Total resistance, no-free current, fire current and delay time</i>
SANS 6218:1994	<i>Permitted electric detonators: Series firing characteristics</i>
SANS 6220:1994	<i>Permitted electric detonators: Electrostatic sensitivity</i>
SANS 6222:1994	<i>Permitted electric detonators: Resistance of detonator to water</i>
SANS 10158:1987	<i>Quality - Vocabulary</i>
SANS 10259:1990	<i>General requirements for the competence of calibration and testing laboratories</i>
SANS 60332-1:1993	<i>Tests on electric cables under fire conditions - Part 1: Test on a single vertical insulated wire or cable</i>
SANS 60794-4-1:1999	<i>Optical fibre cables - Part 4-1: Aerial optical cables for high-voltage power lines</i>
SANS 61941:2004	<i>Optical fibres - Polarization mode dispersion measurement techniques for single-mode optical fibres</i>

SCHEDULE 5: 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 President, 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.