DEPARTMENT OF TRADE AND INDUSTRY

No. 1246 **31 December 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 486:2009	*Conveyor belting – Finger splicing of solid woven construction conveyor belting.* Specifies the requirements for hot-vulcanised finger splicing of solid woven construction conveyor belting.
SANS 551:2009	*Detonators, relays and explosives initiating devices for commercial applications.* Covers the following initiation devices and initiation systems: Non-electric detonators, electronic detonators, electric detonators, permitted electric detonators, igniters and relays.
SANS 665-2:2009	*Wedge gate and resilient seal valves for general purposes – Part 2; Wedge gate valves.* Covers the requirements for the design and construction of wedge gate valves of pressure rating (PN) up to 2.500 kPa and sizes up to 1 000 mm.
SANS 665-3:2009	*Wedge gate and resilient seal valves for general purposes – Part 3: Resilient seal valves.* Covers the requirements for the design and construction of resilient seal valves of pressure rating (PN) up to 2 500 kPa and sizes up to 600 mm.
SANS 831-1:2009/ ISO 6242-1:1992	*Building construction – Expression of users' requirements – Part 1: Thermal requirements.* Defines how the thermal requirements of building users can be identified, expressed and quantified.
SANS 1883-1:2009	*Geographic information – Addresses – Part 1: Data format of addresses.* Specifies and defines the data elements, as well as the address types that can be constructed from the data elements for South African addresses. Defines terms and definitions related to addresses in South Africa. Applies to addresses covering the whole of South Africa. Describes the physical location of a point of service delivery, and addresses that could be geo-referenced. Includes definitions for address types that are assigned by the official address issuing body (such as the street address type), as well as address types that are commonly in use (such as the farm and informal address types).
SANS 1883-3:2009	*Geographic information – Addresses – Part 3: Guidelines for address allocation and updates.* Provides guidelines for the allocation and maintenance of addresses for the official address types specified in Part 1 of this standard. It gives rules, orientation, advice and recommendations relating to the use of Part 1. It applies to any area where the development correlates with the underlying cadastre, including previously unaddressed areas. Specifies how addresses should be arranged geographically and how addresses should be updated in the case of name changes, boundary changes, subdivisions, and consolidations.
SANS 5725-6:2009/ ISO 5725-6:1994	*Accuracy (trueness and precision) of measurement methods and results – Part 6: Use in practice of accuracy values.* Given that the accuracy of a measurement method has been established, this document gives information on the application of that knowledge in practical situations in such a way as to facilitate commercial transactions and to monitor and improve the operational performance of laboratories.
SANS 7439:2009/ ISO 7439:2002	*Copper-bearing intra-uterine contraceptive devices – Requirements, tests.* Applies to single-use copper-bearing intra-uterine contraceptive devices and their insertion instruments.
SANS 7619-2:2009/ ISO 7619-2:2004	*Rubber, vulcanized or thermoplastic – Determination of indentation hardness – Part 2: IRHD pocket meter method.* Specifies a method for determining the indentation hardness of vulcanized or thermoplastic rubber by means of a pocket hardness meter calibrated in IRHD.
SANS 9177-3:2009/ ISO 9177-3:1994	*Mechanical pencils – Part 3: Black leads – Bending strengths of HB leads.* Specifies bending strengths and a test method for black leads of HB hardness degree used for mechanical pencils for technical drawings.
SANS 9180:2009/ ISO 9180:1988	*Black leads for wood-cased pencils – Classification and diameters.* Specifies a classification and diameters for black leads used for wood-cased pencils.
SANS 12756:2009/ ISO 12756:1998	*Drawing and writing instruments – Ball point pens and roller ball pens – Vocabulary.* Defines terms related to ball-point pens and roller ball pens.
SANS 19138:2009/ ISO/TS 19138:2006	*Geographic information – Data quality measures. Defines a set of data quality measures.* Defines a set of data quality measures. These can be used when reporting data quality for the data quality subelements identified in ISO 19113 (Published in South Africa as an identical adoption under the designation SANS 19113). Multiple measures are defined for each data quality subelement, and the choice of which to use will depend on the type of data and its intended purpose.

Standard No. and year	Title, scope and purport
SANS 19139:2009/ ISO/TS 19139:2007	*Geographic information – Metadata – XML schema implementation.* Defines Geographic MetaData XML (gmd) encoding, an XML Schema implementation derived from ISO 19115 (Published in South Africa as an identical adoption under the designation SANS 19115).
SANS 21127:2009/ ISO 21127:2006	*Information and documentation – A reference ontology for the interchange of cultural heritage information.* Establishes guidelines for the exchange of information between cultural heritage institutions. In simple terms, this can be defined as the curated knowledge of museums.
SANS 23814:2009/ ISO 23814:2009	*Cranes – Competency requirements for crane inspectors.* Specifies the competency required for persons who carry out periodic, exceptional, alteration and thorough inspections of cranes. It excludes the inspection and checks performed by crane operators and maintenance personnel.
SANS 25062:2009/ ISO/IEC 25062:2006	*Software engineering – Software product Quality Requirements and Evaluation (SQuaRE) – Common Industry Format (CIF) for usability test reports.* Provides a standard method for reporting usability test findings. The format is designed for reporting results of formal usability tests in which quantitative measurements were collected, and is particulary appropriate for comparative testing.
SANS 27668-1:2009/ ISO 27668-1:2009	*Gel ink ball pens and refills – Part 1: General use.* Establishes minimum quality requirements for gel ink ball pens (refillable and non-refillable) and refills for general use.
SANS 27668-2:2009/ ISO 27668-2:2009	*Gel ink ball pens and refills – Part 2: Documentary use (DOC).* Establishes minimum quality requirements for gel ink ball pens (refillable or non-refillable) and refills for documentary use.
SANS 60034-18-42:2009/ IEC/TS 60034-18-42:2008	*Rotating electrical machines – Part 18-42: Qualification and acceptance tests for partial discharge resistant electrical insulation systems (Type II) used in rotating electrical machines fed from voltage converters.* Defines criteria for assessing the insulation system of stator/rotor windings of single or polyphase AC machines which are subjected to repetitive impulse voltages, such as pulse width modulation (PWM) converters, and expected to withstand partial discharge activity during service. Specifies electrical qualification and acceptance tests on representative samples which verify fitness for operation with voltage-source converters. Does not apply to rotating machines which are fed by converters only for starting, or to electrical equipment and systems for traction.
SANS 60079-31:2009/ IEC 60079-31:2008	*Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t".* Applicable to electrical equipment protected by enclosure and surface temperature limitation for use in explosive dust atmospheres. Specifies requirements for design, construction and testing of electrical equipment. Does not apply to dusts of explosives, which do not require atmospheric oxygen for combustion, pyrophoric substances, electrical equipment intended for use in underground parts of mines and those parts of surface installations of such mines endangered by firedamp and/or combustible dust. Does not take account of any risk due to an emission of flammable or toxic gas from the dust.
SANS 61000-3-12:2009/ IEC 61000-3-12:2004	*Electromagnetic compatibility (EMC) – Part 3-12: Limits – Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current >16 A and <=75 A per phase.* Deals with the limitation of harmonic currents injected into the public supply system. Applies to equipment intended to be connected to low-voltage systems interfacing with the public supply at the low-voltage level.
SANS 61000-5-6:2009/ IEC TR 61000-5-6:2002	*Electromagnetic compatibility (EMC) – Part 5-6: Installation and mitigation guidelines – Mitigation of external EM influences.* Covers guidelines for the mitigation of external electromagnetic influences impinging upon a facility, aimed at ensuring electromagnetic compatibility (EMC) among electrical and electronic apparatus or systems. Is particularly concerned with the arrangement of shielding and screening against radiated disturbances, and with mitigation of conducted disturbances.
SANS 61000-5-7:2009/ IEC 61000-5-7:2001	*Electromagnetic compatibility (EMC) – Part 5-7: Installation and mitigation guidelines – Degrees of protection provided by enclosures against electromagnetic disturbances (EM code).* Describes performance requirements, test methods and classification procedure for degrees of protection provided by empty enclosures against electromagnetic disturbances for frequencies between 10 kHz and 40 GHz.
SANS 61094-6:2009/ IEC 61094-6:2004	*Measurement microphones – Part 6: Electrostatic actuators for determination of frequency response.* Gives guidelines for the design of actuators for microphones equipped with electrically conductive diaphragms. Gives methods for the validation of electrostatic actuators and gives a method for determining the electrostatic actuator response of a microphone.
SANS 61326-2-1:2009/ IEC 61326-2-1:2005	*Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 2-1: Particular requirements – Test configurations, operational conditions and performance criteria for sensitive test and measurement equipment for EMC unprotected applications.* Specifies detailed test configurations, operational conditions and performance criteria for equipment with test and measurement circuits (both internal and/or external to the equipment) that are not EMC protected for operational and/or functional reasons, as specified by the manufacturer.
SANS 61326-2-2:2009/ IEC 61326-2-2:2005	*Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 2-2: Particular requirements – Test configurations, operational conditions and performance criteria for portable test, measuring and monitoring equipment used in low-voltage distribution systems.* Specifies detailed test configurations, operational conditions and performance criteria for equipment which is used for testing, measuring or monitoring of protective measures in low-voltage distribution systems, is powered by battery and/or from the circuit measured, and is portable.
SANS 61326-2-3:2009/ IEC 61326-2-3:2006	*Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 2-3: Particular requirements – Test configuration, operational conditions and performance criteria for transducers with integrated or remote signal conditioning.* Specifies detailed test configurations, operational conditions and performance criteria for transducers with integrated or remote signal conditioning. Applies only to transducers characterized by their ability to transform, with the aid of an auxiliary energy source, a non-electric quantity to a process-relevant electrical signal, and to output the signal at one or more ports.

Standard No. and year	Title, scope and purport
SANS 61326-2-4:2009/ IEC 61326-2-4:2006	*Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 2-4: Particular requirements – Test configurations, operational conditions and performance criteria for insulation monitoring devices according to IEC 61557-8 and for equipment for insulation fault location according to IEC 61557-9.* Specifies requirements for immunity and emissions regarding electromagnetic compatibility (EMC) for electrical equipment, operating from a supply or battery of less than 1 000 V a.c. or 1 500 V d.c. or from the circuit being measured, intended for professional, industrial-process, industrial-manufacturing and educational use. Specifies more detailed test configurations, operational conditions and performance criteria than SANS 61326-1.
SANS 61326-2-5:2009/ IEC 61326-2-5:2006	*Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 2-5: Particular requirements – Test configurations, operational conditions and performance criteria for field devices with interfaces according to IEC 61784-1, CP 3/2.* Specifies requirements for immunity and emissions regarding electromagnetic compatibility (EMC) for electrical equipment, operating from a supply or battery of less than 1 000 V a.c. or 1 500 V d.c. or from the circuit being measured, intended for professional, industrial-process, industrial-manufacturing and educational use. In addition, it treats the particular features for EMC testing of field devices with interfaces according to IEC 61784-1, CP 3/2; covers only the field-bus interface of the equipment.
SANS 90005:2009/ ISO/IEC TR 90005:2008	*Systems engineering – Guidelines for the application of ISO 9001 to system life cycle processes.* Provides guidance for organizations in the application of SANS 9001:2008 to the acquisition, supply, development, operation and maintenance of systems and related support services.

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 63:2009 (Ed. 5.4)	Blankets. *Consolidated edition incorporating amendment No. 4.* Amended to include a requirement for wet finishing.
SANS 104:2009 (Ed.1.1)	*White metal designated WM 40. Consolidated edition incorporating amendment No. 1.* Amended to correct the metal designation in table 1 and to delete a referenced standard that has been withdrawn.
SANS 106:1009 (Ed. 1.1)	*White metal designated WM 66. Consolidated edition incorporating amendment No. 1.* Amended to delete a referenced standard that has been withdrawn and to correct the metal designation in table 1.
SANS 107:2009 (Ed. 1.1)	*White metal designated WM 72. Consolidated edition incorporating amendment No. 1.* Amended to delete a referenced standard that has been withdrawn.
SANS 108:2009 (Ed. 1.1)	*White metal designated WM 80. Consolidated edition incorporating amendment No. 1.* Amended to delete a referenced standard that has been withdrawn.
SANS 164-6:2009 (Ed. 1.2)	*Plug and socket-outlet systems for household and similar purposes for use in South Africa – Part 6: Two-pole systems, 16 A 250 V a.c., for connection of class II equipment. Consolidated edition incorporating amendment No. 2.* Amended to change a dimensional requirement of two-pole socket-outlets for class II equipment.
SANS 205:2009/ ISO 6118:2006	*Road vehicles – Elastomeric cups and seals for cylinders for hydraulic braking systems using a non-petroleum base hydraulic brake fluid (service temperature 70 °C max.).* Specifies performance tests of brake cups and seals for hydraulic braking systems for road vehicles.
SANS 206:2009/ ISO 6119:2006	*Road vehicles – Elastomeric seals for hydraulic disc brake cylinders using a non-petroleum base hydraulic brake fluid (Service temperature 120 °C max.).* Specifies the performance test methods and requirements for elastomeric seals used in road vehicle disc cylinders.
SANS 297:2009 (Ed. 3.1)	*Mastic asphalt for roofing. Consolidated edition incorporating amendment No. 1.* Amended to change designation of SABS standards to SANS standards, to remove reference to the standardization mark, to update the definition of "acceptable", and to update the referenced standards.
SANS 493:2009 (Ed. 2.1)	*Steel refuse bins. Consolidated edition incorporating amendment No. 1.* Amended to change the designation of SABS standards to SANS standards, and to update referenced standards.
SANS 630:2009 (Ed. 3.2)	*Decorative high gloss enamel paints. Consolidated edition incorporating amendment No. 2.* Amended to correct an error on the contents page, to change the requirements for hiding power and to delete the table containing wet film thicknesses.
SANS 673:2009 (Ed. 3.2)	*Mixtures of copper-chromium-arsenic compounds for timber preservation. Consolidated edition incorporating amendment No. 2.* Amended to update referenced standards.
SANS 735:2009 (Ed. 2.2)	*Cathode copper. Consolidated edition incorporating amendment No. 2.* Amended to delete a note and referenced standard methods that have been withdrawn.
SANS 962-1:2009 (Ed. 2.2)	*Mechanical fasteners for conveyor belts – Part 1: Plate-and-bolt type fasteners. Consolidated edition incorporating amendment No. 2.* Amended to delete a referenced standard, to reduce the length of a bolt, to widen the pitch tolerance on the plate(s), and to delete reference to the certification mark.
SANS 1187:2009 (Ed. 2.2)	*Tanks and ancillary equipment for milk tankers. Consolidated edition incorporating amendment No. 2.* Amended to update the requirements for stainless steel, and to update referenced standards.

Standard No. and year	Title, scope and purport
SANS 1411-3:2009 (Ed. 2.2)	*Materials of insulated electric cables and flexible cords – Part 3: Elastomers. Consolidated edition incorporating amendment No. 2.* Amended to change the unit of measurement for the aging period of the insulation and the sheath from days to hours.
SANS 1476:2009 (Ed. 1.2)	*Fabricated flanged steel pipework. Consolidated edition incorporating amendment No. 2.* Amended to update a referenced standard.
SANS 1700-2-8:2009/ ISO 1501:2009 (SABS 1700-2-8:1996)	*Fasteners – Part 2: Screw threads Section 8: ISO miniature screw threads.* Specifies the theoretical profile associated with the basic sizes of the major, pitch and minor diameters of the thread; the deviations are applied to these basic sizes; comprises thread sizes from 0.3 mm to 1.4 mm in diameter; contains tables and the structure of the tolerance system.
SANS 1835:2009 (Ed. 1.1)	*Ductile iron pipes, fittings, accessories and their joints, for use in high and low pressure systems for potable and foul water. Consolidated edition incorporating amendment No. 1.* Amended to change the designation of SABS standards to SANS standards, to move reference to a South African government department to the foreword, to update referenced standards, to modify the requirements for the internal lining of cement mortar, and to correct a tolerance for cement lining thickness.
SANS 1920:2009 (Ed. 1.1)	*Mixtures of copper azole compounds for timber preservation. Consolidated edition incorporating amendment No. 1.* Amended to update referenced standards, and to move reference to legislation to the foreword.
SANS 3000-1:2009	*Railway safety management – Part 1: General.* Describes the minimum elements of a safety management system (SMS) to enable an operator to develop an SMS for the management of safe railway operations under its control.
SANS 4928:2009/ ISO 4928:2006	*Road vehicles – Elastomeric cups and seals for cylinders for hydraulic braking systems using a non-petroleum base hydraulic brake fluid (Service temperature 120 °C max.).* Specifies performance tests of brake cups and seals for hydraulic braking systems for road vehicles.
SANS 4930:2009/ ISO 4930:2006	*Road vehicles – Elastomeric seals for hydraulic disc brake cylinders using a non-petroleum base hydraulic brake fluid (Service temperature 150 °C max.).* Specifies the performance test methods and requirements for elastomeric seals used in road vehicle disc brake cylinders.
SANS 5725-6:2009/ ISO 5725-6:1994	*Accuracy (trueness and precision) of measurement methods and results – Part 6: Use in practice of accuracy values. ISO corrigendum No. 1.* Corrected to replace table 14 and subclause 8.4.9.2 a).
SANS 6506-1:2009/ ISO 6506-1:2005	*Metallic materials – Brinell hardness test – Part 1: Test method.* Specifies the method for the Brinell hardness test for metallic materials and is applicable up to the limit of 650 HBW.
SANS 6506-2:2009/ ISO 6506-2:2005	*Metallic materials – Brinell hardness test – Part 2: Verification and calibration of testing machines.* Specifies a method of verification and calibration of testing machines used for determining Brinell hardness in accordance with SANS 6506-1. It is also applicable to portable hardness testing machines.
SANS 6506-3:2009/ ISO 6506-3:2005	*Metallic materials – Brinell hardness test – Part 3: Calibration of reference blocks.* Specifies a method for the calibration of reference blocks to be used in the indirect verification of Brinell hardness testing machines as described in SANS 6506-2.
SANS 6508-2:2009/ ISO 6508-2:2005	*Metallic materials – Rockwell hardness test – Part 2: Verification and calibration of testing machines (scales A,B,C,D,E,F,G,H,K,N,T).* Specifies a method of verification of testing machines for determining Rockwell hardness in accordance with SANS 6508-1. It is also applicable to portable hardness testing machines.
SANS 6508-3:2009/ ISO 6508-3:2005	*Metallic materials – Rockwell hardness test – Part 3: Calibration of reference blocks (scales A,B,C,D,E,F,G,H,K,N,T).* Specifies a method for the calibration of reference blocks to be used for the indirect verification of Rockwell hardness testing machines.
SANS 10275:2009/ ISO 10275:2007	*Metallic materials – Sheet and strip – Determination of tensile strain hardening exponent.* Specifies a method for determining the tensile strain hardening exponent "n" of flat products (sheet and strip) made of metallic materials. The method is valid only for that part of the stress-strain curve in the plastic range where the curve is continuous and monotonic.
SANS 10339:2009 (Ed. 2.1)	*Underground rail trackwork in mines. Consolidated edition incorporating amendment No. 1.* Amended to update a referenced standard.
SANS 10353:2009 (Ed. 1.1)	*Small arms shooting ranges. Consolidated edition incorporating amendment No. 1.* Amended to reduce the safety angle relative to the interception of any reasonable shot, to adjust figure 1, to provide detail for the required air changes and air velocities, and to correct table E.2.
SANS 10993-4:2004/ ISO 10993-4:2002	*Biological evaluation of medical devices – Part 4: Selection of tests for interactions with blood. ISO amendment No. 1.* Amended to add more information in the scope regarding the selection and design of test methods, to modify and add more definitions, to replace tables 1 and 2, to update subclause 6.1.7, and to add a new subclause B.2.1.
SANS 11137-2:2007/ ISO 11137-2:2006	*Sterilization of health care products – Radiation – Part 2: Establishing the sterilization dose. ISO corrigendum No. 1.* Changed to correct a requirement on the interpretation of results (stage 3).
SANS 11660-1:2009/ ISO 11660-1:2008	*Cranes – Access, guards and restraints – Part 1: General.* Establishes the general requirements for access to control stations and other areas of cranes as defined in ISO 4306-1, during normal operations, maintenance, inspection, erection, dismantling and emergency. It also deals with guards and restraints in general, concerning the protection of persons on or near the crane with regard to moving parts, falling objects or live parts.
SANS 11660-3:2009/ ISO 11660-3:2008	*Cranes – Access, guards and restraints – Part 3: Tower cranes.* Establishes the particular requirements relating to access, guards and restraints for tower cranes as defined in ISO 4306-3 (published in South Africa as an identical adoption under the designation SANS 4306-3).

Standard No. and year	Title, scope and purport
SANS 16949:2009/ ISO/TS 16949:2009 (SABS ISO/TS 16949:2002)	*Quality management systems – Particular requirements for the application of ISO 9001:2008 for automotive production and relevant service part organizations.* Defines, in conjunction with ISO 9001:2008 (published in South Africa as an identical adoption under the designation SANS 9001), the quality management system requirements for the design and development, production and, when relevant, installation and service of automotive-related products. It is applicable to sites of the organization where customer-specified parts, for production or service (or both), are manufactured. Supporting functions, whether on-site or remote (such as design centres, corporate headquarters and distribution centres), form part of the site audit as they support the site, but cannot obtain stand-alone certification to this document. It can be applied throughout the automotive supply chain.
SANS 20016:2009/ ECE R16:2009 (SABS ECE R 16:2009)	*Uniform provisions concerning the approval of I. Safety-belts, restraint systems, child restraint systems and isofix child restraint systems for occupants of power-driven vehicles II. Vehicles equipped with safety-belts, safety-belt reminder, restraint systems, child restraint systems and isofix child restraint systems.*
SANS 20036:2009/ ECE R36:2008	*Uniform provisions concerning the approval of I. Safety-belts, restraint systems, child restraint systems and isofix child restraint systems for occupants of power-driven vehicles II. Vehicles equipped with safety-belts, safety-belt reminder, restraint systems, child restraint systems and isofix child restraint systems.* Applies to vehicles of category M, N, O, L2, L4, L5, L6, L7 and T, with regard to the installation of safety-belts and restraint systems that are intended for use by persons of adult build occupying forward or rearward-facing seats, safety-belts and restraint systems and are designed for installation in vehicles of category M, N, O, L2, L4, L5, L6, L7 and T, vehicles of category M1 and N1 with regard to the installation of child restraint systems and isofix child restraint systems, and vehicles of category M1 with regard to safety belt reminder.
SANS 20052:2009/ ECE R52:2008	*Uniform provisions concerning the approval of M2 and M3 small capacity vehicles with regard to their general construction.* Applies to single-deck rigid vehicles of categories M2 and M3 designed and constructed for the carriage of seated or standing persons and having a capacity not exceeding 22 passengers in addition to the driver.
SANS 20107:2009/ ECE R107:2009	*Uniform provisions concerning the approval of category M2 or M3 vehicles with regard to their general construction.* Applies to single-deck, double-deck, rigid or articulated vehicles of category M2 or M3. Does not apply to vehicles designed for the secure transport of persons, for example prisoners, vehicles specially designed for the carriage of injured or sick persons (ambulances), off-road vehicles, and vehicles specially designed for the carriage of schoolchildren.
SANS 51616:1997/ EN 1616:1997	*Sterile urethral catheters for single use. EN amendment No. 1.* Amended to include potassium dihydrogen orthophosphate in the list of components of simulated urine (A.2.1). *National amendment No. 1.* Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60079-18:2009/ IEC 60079-18:2009 (SABS IEC 60079-18:2005)	*Explosive atmospheres – Part 18: Equipment protection by encapsulation "m".* Gives the specific requirements for the construction, testing and marking of electrical apparatus, parts of electrical equipment and Ex components with the type of protection encapsulation "m" intended for use in explosive gas atmospheres or explosive dust atmospheres. Applies only to encapsulated electrical equipment, encapsulated parts of electrical equipment and encapsulated Ex components (referred to as "m" equipment) where the rated voltage does not exceed 11 kV.
SANS 60079-31:2009/ IEC 60079-31:2008	*Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t". ISO corrigendum No. 1.* Corrected to change the foreword and to replace text on threaded entries.
SANS 60204-1:2009/ IEC 60204-1:2009 (Ed. 3.1)	*Safety of machinery – Electrical equipment of machines – Part 1: General requirements. Consolidated edition incorporating amendment No. 1.* Amended to update referenced standards, to change a reference to a clause and a figure, to change the reference to the standard for fault loop impedance in Annex A.
SANS 60335-2-16:2009/ IEC 60335-2-16:2008 (Ed. 3.1)	*Household and similar electrical appliances – Safety – Part 2-16: Particular requirements for food waste disposers. Consolidated edition incorporating amendment No. 1.* Amended to include the effect of electromagnetic phenomena on appliances, to define the scope with regard to challenged persons and children, to extend the bibliography, and to add a referenced standard.
SANS 60335-2-31:2009/ IEC 60335-2-31:2009 (Ed. 3.2)	*Household and similar electrical appliances – Safety – Part 2-31: Particular requirements for range hoods and other cooking fume extractors. Consolidated edition incorporating amendment No. 2.* Amended to change the title to include extractors intended for installing besides, behind or under cooking appliances and to add a cautionary statement regarding the safety of challenged persons and children, to add a definition and conditions for test of down-draft system, to change requirements for heating, moisture resistance, and to add a referenced standard to the bibliography.
SANS 60335-2-44:2009/ IEC 60335-2-44:2003 (Ed. 3.1)	*Household and similar electrical appliances – Safety – Part 2-44: Particular requirements for ironers. Consolidated edition incorporating amendment No. 1.* Amended to add to the foreword and the introduction, to add a cautionary statement regarding challenged persons and children, to do an editorial correction, and to add a referenced standard to the bibliography.
SANS 60335-2-47:2009/ IEC 6035-2-47:2008 (Ed. 4.1)	*Household and similar electrical appliances – Safety – Part 2-47: Particular requirements for commercial electric boiling pans. Consolidated edition incorporating amendment No. 1.* Amended to add a subclause on the classification of appliances and to revise the text on single and three-phase appliances and thermal cut-out protecting circuits.
SANS 60335-2-66:2009/ IEC 60335-2-66:2009 (Ed. 2.1)	*Household and similar electrical appliances – Safety – Part 2-66: Particular requirements for water-bed heaters. Consolidated edition incorporating amendment No. 1.* Amended to add to the foreword and the introduction, to add a cautionary statement regarding challenged persons and children, and to add a referenced standard to the bibliography.
SANS 60335-2-75:2009/ IEC 60335-2-75:2009 (Ed. 2.2)	*Household and similar electrical appliances – Safety – Part 2-75: Particular requirements for commercial dispensing appliances and vending machines. Consolidated edition incorporating amendment No. 2.* Amended to add to the foreword and the introduction, to do editorial corrections, to include a requirement for moisture resistance, and to add a referenced standard to the bibliography.
SANS 60745-2-1:2009/ IEC 60745-2-1:2008 (Ed. 2.1)	*Hand-held motor-operated electric tools – Safety – Part 2-1: Particular requirements for drills and impact drills. Consolidated edition incorporating amendment No. 1.* Amended to change the scope, to make editorial changes to the copy, to add new drill safety warnings, to replace the existing text on the endurance requirements for impact drills, their components and construction, and to amend the text of annexes K and L.

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 1392:2002	*Soft-top suitcases.*
SANS 14509:2008	*Small craft – Measurement of airborne sound emitted by powered*

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.