

DEPARTMENT OF TRADE AND INDUSTRY

No. 230

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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 530-9:2010/ BS 5839-9:2003	<i>Fire detection and fire alarm systems for buildings – Part 9: Code of practice for the design, installation, commissioning and maintenance of emergency voice communication systems.</i> Provides recommendations for the planning, design, installation, commissioning and maintenance of emergency voice communication systems in and around buildings and at sports, entertainment and similar venues. Does not recommend whether or not an emergency voice communication system should be installed in given premises.
SANS 725:2010/ IEEE 80:2000	<i>IEEE guide for safety in a.c. substation grounding.</i> Covers conventional and gas-insulated outdoor a.c. substations, including distribution, transmission and generating plant substations. The methods described are also applicable to indoor portions of such substations, or to substations that are wholly indoors.
SANS 1066:2010/ BS 5979:2007	<i>Remote centres receiving signals from fire and security systems – Code of practice.</i> Gives recommendations for the planning, construction and facilities of manned and unmanned remote centres, and for the operation of alarm receiving centres (ARCs) receiving signals from security systems.
SANS 1524-6-10:2001/ NRS 009-6-10:2010	<i>Electricity payment systems – Part 6-10: Interface standards – Online vending server – Vending clients.</i> Provides the necessary information to implement the XMLVend protocol as part of an online prepayment electricity vending system.
SANS 1524-9:2010/ NRS 009-09-9:2010	<i>Electricity payment systems – Part 9: Implementing electricity vending systems.</i> Sets out practices to be followed by users who plan to implement electricity vending systems for prepaid electricity.
SANS 2001-DP3:2010	<i>Construction works – Part DP3: Cable ducts.</i> Covers the supply, and the laying and bedding in trenches, of pipes of diameter not exceeding 160 mm as ducts for the protection of telephone and electric power cables.
SANS 2001-DP6:2010	<i>Construction works – Part DP6: Below-ground water installations.</i> Establishes construction requirements for below-ground water installations, including requirements for materials, laying of pipes, bedding and backfilling.
SANS 3001-BT20:2010	<i>Civil engineering test methods – Part BT20: Certification of a binder distributor.</i> Describes the procedures to certify that a binder distributor is fit for purpose.
SANS 3001-BT21:2010	<i>Civil engineering test methods – Part BT21: Validation of a binder distributor dipstick.</i> Describes a method for the validation of a dipstick for a binder distributor.
SANS 3001-BT22:2010	<i>Civil engineering test methods – Part BT22: Power and road speed indicator tests for a binder distributor.</i> Describes methods to determine that the power and road speed of a bituminous binder distributor are within the tolerances required to ensure the uniform distribution of binders on road surfaces.
SANS 3001-BT23:2010	<i>Civil engineering test methods – Part BT23: Pump system performance of a binder distributor.</i> Describes a method to confirm that the indicated volume of binder delivered by the pump matches the actual volume delivered at all volume levels.
SANS 4678-4:2010/ BS 4678-4:1982	<i>Cable trunking – Part 4: Specification for cable trunking made of insulating material.</i> Specifies dimensions and performance requirements for non-flame propagating cable trunking made of insulating material.
SANS 6915:2010/ ISO 6915:1991	<i>Flexible cellular polymeric materials – Polyurethane foam for laminate use – Specification.</i> Specifies the minimum requirements for flexible polyurethane foams up to and including 20 mm thick intended for combination with suitable substrates such as non-woven, woven or knitted fabrics, to form a laminate.

Standard No. and year	Title, scope and purport
SANS 7629-1:2010/ BS 7629-1:2008	<i>Electric cables – Specification for 300/500 V fire resistant screened cables having low emission of smoke and corrosive gases when affected by fire – Part 1: Multicore and multipair cables.</i> Specifies requirements and test methods for the construction and performance of cables which have a thermosetting insulation of rated voltage 300/500 V, provide resistance to fire (circuit integrity), including with mechanical shock and with water as measured by performance in a standard test or test, emit limited amounts of smoke and corrosive gases as measured by standard tests and are primarily intended for use in emergency lighting, fire detection and fire alarm system circuits.
SANS 7846:2010/ BS 7846:2009	<i>Electric cables – Thermosetting insulated armoured fire-resistant cables of rated voltage 600/1000 V, having low emission of smoke and corrosive gases when affected by fire – Specification.</i> Specifies requirements for construction and performance, and describes methods of test, for armoured, fire-resistance cables with thermosetting insulation and of rated voltage 600/1000 V and low emission of smoke and corrosive gases when affected by fire.
SANS 8434-2:2010/ BS 8434-2:2003	<i>Methods of test for assessment of the fire integrity of electric cables – Part 2: Test for unprotected small cables for use in emergency circuits – BS EN 50200 with a 930 °C flame and with water spray.</i> Specifies a method of test to be used for small unprotected cables where the requirements of BS EN 50200 (published in South Africa as an identical adoption under the designation SANS 50200) are modified to use a flame temperature of (930)°C and the application of water spray
SANS 9075-3:2010/ ISO/IEC 9075-3:2008	<i>Information technology – Database languages – SQL – Part 3: Call-Level Interface (SQL/CLI).</i> Defines the structures and procedures that are used to execute statements of the database language SQL from within an application written in a programming language in such a way that procedures used are independent of the SQL statements to be executed.
SANS 9075-9:2010/ ISO/IEC 9075-9:2008	<i>Information technology – Database languages – SQL – Part 9: Management of External Data (SQL/MED).</i> Defines extensions to Database Language SQL to support management of external data through the use of foreign-data wrappers and datalink types.
SANS 9075-10:2010/ ISO/IEC 9075-10:2008	<i>Information technology – Database languages – SQL – Part 10: Object Language Bindings (SQL/OLB).</i> Defines extensions to the SQL language to support embedding of SQL statements into programs written in the Java programming language. Specifies mechanisms to ensure binary portability of resulting applications.
SATR 10228:2010	<i>Supplement to SANS 10228:2010 – Variations between SANS 10228 (aligned with UN Model Regulations, edition 15) and UN Model Regulations, edition 16.</i> Highlights variations between SANS 10228:2010 (aligned with the 15th edition of the UN Model Regulations) and the 16th edition of the UN Model Regulations.
SANS 14683:2010/ ISO 14683:2007	<i>Thermal bridges in building construction – Linear thermal transmittance – Simplified methods and default values.</i> Specifies requirements relating to thermal bridge catalogues and manual calculation methods and deals with simplified methods for determining heat flows through linear thermal bridges which occur at junctions of building elements.
SANS 15403-1:2010/ ISO 15403-1:2006	<i>Natural gas – Natural gas for use as a compressed fuel for vehicles – Part 1: Designation of the quality.</i> Provides manufacturers, vehicle operators, fuelling/filling station operators and others involved in the compressed-natural-gas vehicle industry with information on the fuel quality for natural gas vehicles (NGVs) required to develop and operate compressed-natural-gas vehicle equipment successfully.
SANS 15706-2:2010/ ISO 15706-2:2007	<i>Information and documentation – International Standard Audiovisual Number (ISAN) – Part 2: Version identifier.</i> Establishes a voluntary system for the identification of versions of audiovisual works and other content derived from or closely related to an audiovisual work. Based on the International Standard Audiovisual Number (ISAN) system defined in ISO 15706 (published in South Africa as an identical adoption under the designation SANS 15706).
SANS 15875-7:2010/ ISO/TS 15875-7:2003	<i>Plastics piping systems for hot and cold water installations – Cross-linked polyethylene (PE-X) – Part 7: Guidance for the assessment of conformity.</i> Gives guidance for the assessment of conformity to be included in the manufacturer's quality plan as part of his quality system.
SANS 15876-7:2010/ ISO/TS 15876-7:2003	<i>Plastics piping systems for hot and cold water installations – Polybutylene (PB) – Part 7: Guidance for the assessment of conformity.</i> Gives guidance for the assessment of conformity to be included in the manufacturer's quality plan as part of his quality system.
SANS 15877-7:2010/ ISO/TS 15877-7:2009	<i>Plastics piping systems for hot and cold water installations – Chlorinated poly(vinyl chloride) (PVC-C) – Part 7: Guidance for the assessment of conformity.</i> Gives guidance for the assessment of conformity included in the manufacturer's quality plan as part of his/her quality system.
SANS 15946-5:2010/ ISO/IEC 15946-5:2009	<i>Information technology – Security techniques – Cryptographic techniques based on elliptic curves – Part 5: Elliptic curve generation.</i> Specifies public-key cryptographic techniques based on elliptic curves. Defines elliptic curve generation techniques useful for implementing the elliptic curve based mechanisms. Does not specify the implementation of the techniques it defines.
SANS 19770-1:2010/ ISO/IEC 19770-1:2006	<i>Information technology – Software asset management – Part 1: Processes.</i> Specifies the application of all software and related assets, regardless of the nature of the software. Can be applied to executable software (such as application programs, operating systems and utility programs) and to non-executable software (such as fonts, graphics, audio and video recordings, templates, dictionaries, documents and data).
SANS 19792:2010/ ISO/IEC 19792:2009	<i>Information technology – Security techniques – Security evaluation of biometrics.</i> Specifies the subjects, the biometric-specific aspects and principles to be considered during the security evaluation of a biometric system.

Standard No. and year	Title, scope and purport
SANS 23026:2010/ IEC 23026:2006	<i>Software Engineering – Recommended Practice for the Internet – Web Site Engineering, Web Site Management, and Web Site Life Cycle.</i> Defines recommended practices for World Wide Web page engineering for Intranet and Extranet environments, based on World Wide Web Consortium and related industry guidelines. Does not address stylistic considerations or human-factors considerations in Web page design beyond limitations that reflect good engineering practice.
SANS 26000:2010/ ISO 26000:2010	<i>Guidance on social responsibility.</i> Provides guidance to all types of organizations, regardless of their size or location, on concepts, terms and definitions related to social responsibility, the background, trends and characteristics of social responsibility, principles and practices relating to social responsibility, the core subjects and issues of social responsibility, integrating, implementing and promoting socially responsible behaviour throughout the organization and, through its policies and practices, within its sphere of influence, identifying and engaging with stakeholders, and communicating commitments, performance and other information related to social responsibility.
SANS 27003:2010/ ISO/IEC 27003:2010	<i>Information technology – Security techniques – Information security management system implementation guidance.</i> Focuses on the critical aspects needed for successful design and implementation of an Information Security Management System (ISMS) in accordance with ISO/IEC 27001 (published in South Africa as an identical adoption under the designation SANS 27001). Describes the process of ISMS specification and design from inception to the production of implementation plans.
SANS 27004:2010/ ISO/IEC 27004:2009	<i>Information technology – Security techniques – Information security management – Measurement.</i> Provides guidance on the development and use of measures and measurement in order to assess the effectiveness of an implemented information security management system (ISMS) and controls or groups of controls, as specified in ISO/IEC 27001 (published in South Africa as an identical adoption under the designation SANS 27001).
SANS 27033-1:2010/ ISO/IEC 27033-1:2009	<i>Information technology – Security techniques – Network security – Part 1: Overview and concepts.</i> Provides an overview of network security and related definitions. Defines and describes the concepts associated with, and provides management guidance on, network security.
SANS 50054-10:2010/ EN 54-10:2002	<i>Fire detection and fire alarm systems – Part 10: Flame detectors – Point detectors.</i> Specifies requirements, test methods and performance criteria for point-type, resettable flame detectors that operate using radiation from flame for use in fire detection systems installed in buildings.
SANS 50054-12:2010/ EN 54-12:2002	<i>Fire detection and fire alarm systems – Part 12: Smoke detectors – Line detectors using an optical light beam.</i> Specifies requirements, test methods and performance criteria for line smoke detectors utilising the attenuation and/or changes in attenuation of an optical beam, for use in fire detection systems installed in buildings.
SANS 50162:2010/ EN 50162:2004	<i>Protection against corrosion by stray current from direct current systems.</i> Establishes the general principles to be adopted to minimize the effects of stray current corrosion caused by direct current on buried or immersed metal structures.
SANS 50285:2010/ EN 50285:1999	<i>Energy efficiency of electric lamps for household use – Measurement methods.</i> Specifies the test conditions and method of measurement of luminous flux, lamp wattage and lamp life as given on a label on the lamp packaging, together with a procedure for verification of the declared values.
SANS 50331:2010/ EN 331:1998	<i>Manually operated ball valves and closed bottom taper plug valves for gas installations for buildings.</i> Specifies the general requirements for the construction, performance and safety of ball valves and closed bottom taper plug valves. It also details the test methods and marking requirements. It applies to valves for domestic and commercial not directly buried installations inside or outside of the building.
SANS 50676:2010/ EN 676:2003	<i>Automatic forced draught burners for gaseous fuels.</i> Specifies the terminology, the general requirements for the construction and operation of automatic forced draught gas burners and also the provision of control and safety devices, and the test procedure for these burners. It is applicable to automatic gas burners with a combustion air fan (hereinafter called "burners"). Does not apply to burners specifically designed for use in industrial processes carried out on industrial premises.
SANS 52413:2010/ EN 12413:2007	<i>Safety requirements for bonded abrasive products.</i> Applicable to rotating bonded abrasive products. It specifies requirements and/or measures for the removal or reduction of hazards resulting from the design and application of the abrasive products. It also contains procedures and tests for verification of compliance with the requirements as well as safety information for use, which is to be made available to the user by the manufacturer.
SANS 60079-20-1:2010/ IEC 60079-20-1:2010	<i>Explosive atmospheres – Part 20-1: Material characteristics for gas and vapour classification – Test methods and data.</i> Provides guidance on classification of gases and vapours. Describes a test method intended for the measurement of the maximum experimental safe gaps (MESG) for gas- or vapour-air mixtures under normal conditions of temperature and pressure so as to permit the selection of an appropriate group of equipment. Does not take into account the possible effects of obstacles on the safe gaps.
SANS 60287-1-1:2010/ IEC 60287-1-1:2006	<i>Electric cables – Calculation of the current rating – Part 1-1: Current rating equations (100 % load factor) and calculation of losses – General.</i> Applicable to the conditions of steady-state operation of cables at all alternating voltages, and direct voltages up to 5 kV, buried directly in the ground, in ducts, troughs or in steel pipes, both with and without partial drying-out of the soil, as well as cables in air.
SANS 60287-1-2:2010/ IEC 60287-1-2:1993	<i>Electric cables – Calculation of the current rating – Part 1-2: Current rating equations (100% load factor) and calculation of losses – Sheath eddy current loss factors for two circuits in flat formation.</i> Provides a method for calculating the eddy current losses in the metallic sheaths of single-core cables arranged as a three-phase double circuit in flat formation.

Standard No. and year	Title, scope and purport
SANS 60287-1-3:1020/ IEC 60287-1-3:2002	<i>Electric cables – Calculation of the current rating – Part 1-3: Current rating equations (100% load factor) and calculation of losses – Current sharing between parallel single-core cables and calculation of circulating current losses.</i> Provides a method for calculating the phase currents and circulating current losses in single-core cables arranged in parallel. The method described in this standard can be used for any number of cables per phase in parallel in any physical layout.
SANS 60287-2-1:2010/ IEC 60287-2-1:2006	<i>Electric cables – Calculation of the current rating – Part 2-1: Thermal resistance – Calculation of the thermal resistance.</i> Contains methods for calculating the internal thermal resistance of cables and the external thermal resistance for cables laid in free air, ducts and buried.
SANS 60287-2-2:2010/ IEC 60287-2-2:1995	<i>Electric cables – Calculation of the current rating – Part 2-2: Thermal resistance – A method for calculating reduction factors for groups of cables in free air, protected from solar radiation.</i> Applies to any type of cable and group running horizontally, provided that the cables are of equal diameter and emit equal losses.
SANS 60287-3-1:2010/ IEC 60287-3-1:1999	<i>Electric cables – Calculation of the current rating – Part 3-1: Sections on operating conditions – Reference operating conditions and selection of cable type.</i> Applies to the conditions of steady-state operation of cables at all alternating voltages, and direct voltages up to 5 kV, buried directly in the ground, in ducts, troughs or in steel pipes, both with and without partial drying-out of the soil, as well as cables in air.
SANS 60287-3-2:2010/ IEC 60287-3-2:1995	<i>Electric cables – Calculation of the current rating – Part 3-2: Sections on operating conditions – Economic optimization of power cable size.</i> Sets out a method for the selection of a cable size taking into account the initial investment costs and the future costs of energy losses during the economic life of the cable.
SANS 60287-3-3:2010/ IEC 60287-3-3:2007	<i>Electric cables – Calculation of the current rating – Part 3-3: Sections on operating conditions – Cables crossing external heat sources.</i> Describes a method for calculating the continuous current rating factor for cables of all voltages where crossings of external heat sources are involved.
SANS 302561:2010/ ETSI EN 302561:2009	<i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment using constant or non-constant envelope modulation operating in a channel bandwidth of 25 kHz, 50 kHz, 100 kHz or 150 kHz; Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive.</i> Covers the technical requirements for radio transmitters and receivers used in stations in the Private Mobile Radio (PMR) service. It is designed to fit in a modular structure to cover all radio and telecommunications terminal equipment within the scope of the R&TTE Directive. The equipment comprises a transmitter and associated encoder and modulator and/or a receiver and associated demodulator and decoder.

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 164-6:2010 (Ed. 1.3)	<i>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. 3.</i> Amended to change a dimension of the guidance hole of a socket contact in standard sheet 6-1.
SANS 189:2010 (Ed. 4.2)	<i>Short-link steel chain (medium-tolerance). Consolidated edition incorporating amendment No. 2.</i> Amended to change the title, to update the name of a national authority, to change the scope and properties in the table on mechanical properties, and to update referenced standards.
SANS 198:2010 (SABS 198:2009)	<i>Functional-control valves and safety valves for domestic hot and cold water supply systems.</i> Specifies the characteristics of functional-control valves and safety valves of size not exceeding 25 mm for use in conjunction with domestic hot and cold water supply systems and suitable for static inlet pressures of up to 2 000 kPa and nominal working pressures of up to 600 kPa.
SANS 216-2-1:2009/ CISPR 16-2-1:2008	<i>Specification for radio disturbance and immunity measuring apparatus and methods – Part 2-1: Methods of measurement of disturbances and immunity – Conducted disturbance measurements. CISPR amendment No. 1.</i> Amended to add new specifications as a result of the inclusion of FFT-based measuring instrumentation, and a new annex F as a result of provisions on the use of spectrum analyzers for compliance measurements recently introduced in CISPR 16-1-1 (published in South Africa as an identical adoption under the designation SANS 216-1-1).
SANS 216-2-2:2010/ CISPR 16-2-2:2010	<i>Specification for radio disturbance and immunity measuring apparatus and methods – Part 2-2: Methods of measurement of disturbances and immunity – Measurement of disturbance power.</i> Specifies the methods of measurement of disturbance power using the absorbing clamp in the frequency range 30 MHz to 1 000 MHz.
SANS 216-3:2010/ CISPR/TR 16-3:2010	<i>Specification for radio disturbance and immunity measuring apparatus and methods – Part 3: CISPR technical reports.</i> Contains specific technical reports and information on the history of CISPR. Over the years, the CISPR prepared a number of recommendations and reports that have significant technical merit but were not generally available.
SANS 224:2010/ CISPR 24:2010 (SABS CISPR 24:1997)	<i>Information technology equipment – Immunity characteristics – Limits and methods of measurement.</i> Applies to information technology equipment (ITE) as defined in CISPR 22 (published in South Africa as an identical adoption under the designation SANS 222). Procedures are defined for the measurement of ITE and limits are specified which are developed for ITE within the frequency range from 0 Hz to 400 GHz.

Standard No. and year	Title, scope and purport
SANS 289:2010 (Ed. 1.3)	<i>Labelling requirements for prepackaged products (prepackages) and general requirements for the sale of goods subject to legal metrology control. Consolidated edition incorporating amendment No. 3.</i> Amended to update the requirements for the application of this standard, to update the requirements for the identity of the product, to update the requirements for the name and place of business of the manufacturer, packer, distributor or importer, to update the table on the expression of quantity and prescribed quantities, and to move reference to legislation to the foreword.
SANS 401:2010/ ASTM D440-07:2007	<i>Standard test method of drop shatter test for coal.</i> Covers the determination of the relative size stability and its complement, the friability, of sized coal. It affords a means of indicating the ability of coal to withstand breakage when subjected to handling at the mine and during transit to the consumer.
SANS 657-2:2010 (Ed. 1.2)	<i>Steel tubes for non-pressure purposes – Part 2: Steel tubes for cycles. Consolidated edition incorporating amendment No. 2.</i> Amended to update a referenced standard.
SANS 676:2010 (Ed. 3.4)	<i>Reinforced concrete pressure pipes. Consolidated edition incorporating amendment No. 4.</i> Amended to update referenced standards, and to delete reference to the standardization mark.
SANS 725:2010/ IEEE 80:2000	<i>IEEE guide for safety in a.c. substation grounding. IEEE amendment No. 1.</i> Corrected by replacing a figure that displays basic shock situations.
SANS 791:2010 (Ed. 5.2)	<i>Unplasticized poly(vinyl chloride) (PVC-U) sewer and drain pipes and pipe fittings. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards, to correct a cross-reference, to delete reference to the certification mark, and to correct a table number.
SANS 991:2010 (Ed. 2.3)	<i>Aluminium and aluminium alloy sand castings and gravity die castings. Consolidated edition incorporating amendment No. 3.</i> Amended to update a referenced standard.
SANS 1029:2010/ NRS 004:2010	<i>Miniature substations for rated a.c. voltages up to and including 24 Kv.</i> Covers the construction, quality, technical and safety requirements for non-walk-in ground-level mounted three-phase medium-voltage and low-voltage pre-fabricated miniature substations suitable for use in areas accessible to the public, for power ratings up to 1 000 kVA and on systems with a nominal voltage up to 22 kV.
SANS 1066:2010/ BS 5979:2007	<i>Remote centres receiving signals from fire and security systems – Code of practice. BS corrigendum No. 1.</i> Corrected to change the clauses on construction and facilities and contingency plan.
SANS 1195:2010 (Ed. 1.3)	<i>Busbars. Consolidated edition incorporating amendment No. 3.</i> Amended to update a referenced standard.
SANS 1243:2010 (SABS 1243:2007)	<i>Pressurized paraffin-fuelled appliances.</i> Covers the requirements for the construction, operation and safe use of paraffin-fuelled appliances with a working gauge pressure that exceeds 2 kPa/gauge and with a maximum heat rating of 3,5 kW per burner head. It does not cover the packaging or handling of the paraffin.
SANS 1601:2010 (Ed. 2.1)	<i>Structured wall pipes and fittings of unplasticized poly(vinyl chloride) (PVC-U) for buried drainage and sewerage systems. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, and to correct the upper limit for outside diameter in table 17.
SANS 1808-31:2010 (Ed. 1.3)	<i>Water supply and distribution system components – Part 31: Automatic control valves. Consolidated edition incorporating amendment No. 3.</i> Amended to delete part 8 from the list of parts in the foreword, to update a referenced standard, and to change a requirement for metallic materials.
SANS 1808-32:2010 (Ed. 1.3)	<i>Water supply and distribution system components – Part 32: Float valves (equilibrium type). Consolidated edition incorporating amendment No. 3.</i> Amended to delete part 85 from the list of parts in the foreword, to update referenced standards and to amend the requirements for rubber materials.
SANS 3001-GR11:2010 (Ed. 1.1)	<i>Civil engineering test methods – Part GR11: Determination of the liquid limit with the two-point method. Consolidated edition incorporating amendment No. 1.</i> Amended to update the introduction.
SANS 3001-GR12:2010 (Ed. 1.1)	<i>Civil engineering test methods – Part GR12: Determination of the flow curve liquid limit. Consolidated edition incorporating amendment No. 1.</i> Amended to update the introduction.
SANS 3001-GR20:2010 (Ed. 1.1)	<i>Civil engineering test methods – Part GR20: Determination of the moisture content by oven-drying. Consolidated edition incorporating amendment No. 1.</i> Amended to update the introduction.
SANS 4678-4:2010/ BS 4678-4:1982	<i>Cable trunking – Part 4: Specification for cable trunking made of insulating material. BS amendment No. 1.</i> Amended to update the requirements for classification, mechanical properties, resistance to flame propagation, and to update figures in the appendix on trunking marking classification codes.
SANS 8434-2:2010/ BS 8434-2:2003	<i>Methods of test for assessment of the fire integrity of electric cables – Part 2: Test for unprotected small cables for use in emergency circuits – BS EN 50200 with a 930 °C flame and with water spray. BS amendment No. 1.</i> Amended to change the clause on duration of survival. <i>BS amendment No. 2.</i> Amended to change the clause on duration of survival.
SANS 9075-9:2010/ ISO/IEC 9075-9:2008	<i>Information technology – Database languages – SQL – Part 9: Management of External Data (SQL/MED). ISO/IEC corrigendum No. 1.</i> Amended to add a subclause on schema definition and manipulation, and to include implicit foreign-data wrapper cursor on SQL/MED common specification.
SANS 9075-10:2010/ ISO/IEC 9075-10:2008	<i>Information technology – Database languages – SQL – Part 10: Object Language Bindings (SQL/OLB). ISO/IEC corrigendum No. 1.</i> Amended to replace syntax rule 3 and to correct the invocation of subclause 9.2 on store assignment.

Standard No. and year	Title, scope and purport
SANS 9809-1:2010/ ISO 9809-1:2010 (SABS ISO 9809-1:1999)	<i>Gas cylinders – Refillable seamless steel gas cylinders – Design, construction and testing – Part 1: Quenched and tempered steel cylinders with tensile strength less than 1 100 MPa.</i> Specifies minimum requirements for the material, design, construction and workmanship, manufacturing processes, examination and testing at manufacture of refillable quenched and tempered seamless steel gas cylinders of water capacities from 0,5 L up to and including 150 L for compressed, liquefied and dissolved gases. It is also applicable to cylinders with a maximum actual tensile strength $R_{m,a}$ of less than 1 100 MPa.
SANS 9809-2:2010/ ISO 9809-2:2010 (SABS ISO 9809-2:2000)	<i>Gas cylinders – Refillable seamless steel gas cylinders – Design, construction and testing – Part 2: Quenched and tempered steel cylinders with tensile strength greater than or equal to 1 100 MPa.</i> Specifies minimum requirements for the material, design, construction and workmanship, manufacturing processes, examination and testing at manufacture of refillable quenched and tempered seamless steel gas cylinders of water capacities from 0,5 L up to and including 150 L for compressed, liquefied and dissolved gases.
SANS 9809-3:2010/ ISO 9809-3:2010 (SABS ISO 9809-3:2000)	<i>Gas cylinders – Refillable seamless steel gas cylinders – Design, construction and testing – Part 3: Normalized steel cylinders.</i> Specifies minimum requirements for the material, design, construction and workmanship, manufacturing processes, examination and testing at manufacture of refillable normalized or normalized and tempered seamless steel gas cylinders of water capacities from 0,5 L up to and including 150 L for compressed, liquefied and dissolved gases.
SANS 10089-3:2010 (SABS 089-3:1999)	<i>The petroleum industry – Part 3: The installation, modification, and decommissioning of underground storage tanks, pumps/dispensers and pipework at service stations and consumer installations.</i> Covers provisions for the installation of underground storage tanks of individual capacity not exceeding 85 000 l, pumps/dispensers and pipework at service stations and consumer installations.
SANS 10199:2010 (Ed. 2.1)	<i>The design and installation of earth electrodes. Consolidated edition incorporating amendment No. 1.</i> Amended to update a referenced standard and to correct the number of a figure and the unit of measuring current in an equation.
SANS 10306:2010 (Ed. 1.1)	<i>The management of potable water in distribution systems. 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 referenced standards, and to move reference to legislation and the SABS to the foreword.
SANS 10372:2010 (SANS 10372:2003)	<i>Automotive fitment centres.</i> Specifies the provisions for automotive fitment centres, excluding service and repair fitment centres for the maintenance of automotive air-conditioning. Also specifies the site conditions and operational methods uniformly applied in all franchised and independent fitment centres to ensure that a high level of customer satisfaction is maintained. Applies to fixed workshops where the use of mobile service facilities could be applicable.
SANS 10400-A:2010 (SABS 0400:1990)	<i>The application of the National Building Regulations – Part A: General principles and requirements.</i> Establishes the overall framework within which the National Building Regulations are to be applied. It also identifies the location of deemed-to-satisfy requirements for the different parts of the Regulations and provides the forms required to administer the Regulations.
SANS 11699-1:2010/ ISO 11699-1:2008	<i>Non-destructive testing – Industrial radiographic film – Part 1: Classification of film systems for industrial radiography.</i> Deals with the performance of film systems and intends to ensure that the image quality of radiographs is in conformity with the requirements of international standards. Deals with the performance of film systems and intends to ensure that the image quality of radiographs is in conformity with the requirements of international standards.
SANS 15223-1:2010/ ISO 15223:2007	<i>Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied – Part 1: General requirements. ISO amendment No. 1.</i> Amended to add symbols to table 1.
SANS 21003-1:2008/ ISO 21300-1:2008	<i>Multilayer piping systems for hot and cold water installations inside buildings – Part 1: General. National amendment No. 1.</i> Amended to replace the final draft international standard of this document with the published international standard.
SANS 21003-2:2008/ ISO 21003-2:2008	<i>Multilayer piping systems for hot and cold water installations inside buildings – Part 2: Pipes. National amendment No. 1.</i> Amended to replace the final draft international standard of this document with the published international standard.
SANS 21003-3:2008/ ISO 21003-3:2008	<i>Multilayer piping systems for hot and cold water installations inside buildings – Part 3: Fittings. National amendment No. 1.</i> Amended to replace the final draft international standard of this document with the published international standard.
SANS 21003-5:2008/ ISO 21003-5:2008	<i>Multilayer piping systems for hot and cold water installations inside buildings – Part 5: Fitness for purpose of the system. National amendment No. 1.</i> Amended to replace the final draft international standard of this document with the published international standard.
SANS 50676:2010/ EN 676:2003	<i>Automatic forced draught burners for gaseous fuels. EN amendment No. 1.</i> The scope of this amendment is not available. <i>EN corrigendum No. 1.</i> Corrected to replace prEN 676 with the reference EN 676 in table ZB.1.
SANS 50868-2:2010/ EN 868-2:2009	<i>Packaging for terminally sterilized medical devices – Part 2: Sterilization wrap – Requirements and test methods.</i> Provides test methods and values for materials for sterile barrier systems or packaging systems (or both) that are intended to maintain sterility of terminally sterilized medical devices to the point of use.
SANS 50868-3:2010/ EN 868-3:2009	<i>Packaging for terminally sterilized medical devices – Part 3: Paper for use in the manufacture of paper bags (specified in SANS 50868-4/EN 868-4) and in the manufacture of pouches and reels (specified in SANS 50868-5/EN 868-5) – Requirements and test methods.</i> Provides test methods and values for paper, used in the manufacture of bags (specified in EN 868-4 (published in South Africa as an identical adoption under the designation SANS 50868-4)) and in the manufacture of pouches and reels (specified in EN 868-5 (published in South Africa as an identical adoption under the designation SANS 50868-5)) used as sterile barrier systems or packaging systems (or both) that are intended to maintain sterility of terminally sterilized medical devices to the point of use.
SANS 50868-4:2010/ EN 868-4:2009	<i>Packaging for terminally sterilized medical devices – Part 4: Paper bags – Requirements and test methods.</i> Provides test methods and values for paper bags manufactured from paper specified in part 3 of EN 868 (published in South Africa as an identical adoption under the designation SANS 50868-3), used as sterile barrier systems or packaging systems (or both) that are intended to maintain sterility of terminally sterilized medical devices to the point of use.

Standard No. and year	Title, scope and purport
SANS 50868-5:2010/ EN 868-5:2009	<i>Packaging for terminally sterilized medical devices – Part 5: Sealable pouches and reels of porous materials and plastic film construction – Requirements and test methods.</i> Provides test methods and values for sealable pouches and reels manufactured from porous materials complying with either EN 868 part 2, 3, 6, 7, 9 or 10 (published in South Africa as identical adoptions under the designations SANS 50868 part 2, 3, 6, 7, 9 or 10) and plastic film complying with clause 4 used as sterile barrier systems or packaging systems (or both) that are intended to maintain sterility of terminally sterilized medical devices to the point of use.
SANS 50868-6:2010/ EN 868-6:2009	<i>Packaging for terminally sterilized medical devices – Part 6: Paper for low temperature sterilization processes – Requirements and test methods.</i> Provides test methods and values for paper used in the manufacture of preformed sterile barrier systems or packaging systems (or both) that are intended to maintain sterility of terminally sterilized medical devices to the point of use.
SANS 50868-7:2010/ EN 868-7:2009	<i>Packaging for terminally sterilized medical devices – Part 7: Adhesive coated paper for low temperature sterilization processes – Requirements and test methods.</i> Provides test methods and values for sealable adhesive coated paper manufactured from paper complying with EN 868-6 (published in South Africa as an identical adoption under the designation SANS 50868-6), used as sterile barrier systems or packaging systems (or both) that are intended to maintain sterility of terminally sterilized medical devices to the point of use. The materials specified are intended to be used for ethylene oxide or irradiation sterilization.
SANS 50868-8:2010/ EN 868-8:2009	<i>Packaging for terminally sterilized medical devices – Part 8: Re-usable sterilization containers for steam sterilizers conforming to EN 285 – Requirements and test methods.</i> Provides test methods and values for re-usable containers used as sterile barrier systems that are intended to maintain sterility of terminally sterilized medical devices to the point of use. These containers are intended to be used in steam sterilizers conforming to EN 285.
SANS 50868-9:2010/ EN 868-9:2009	<i>Packaging for terminally sterilized medical devices – Part 9: Uncoated nonwoven materials of polyolefines – Requirements and test methods.</i> Provides test methods and values for uncoated nonwoven materials of polyolefines used for sterile barrier systems or packaging systems (or both) that are intended to maintain sterility of terminally sterilized medical devices to the point of use.
SANS 50868-10:2010/ EN 868-10:2009	<i>Packaging for terminally sterilized medical devices – Part 10: Adhesive coated nonwoven materials of polyolefines – Requirements and test methods.</i> Provides test methods and values for sealable adhesive coated nonwoven materials of polyolefines, manufactured from nonwovens complying with EN 868-9 (published in South Africa as an identical adoption under the designation SANS 50868-9) used for sterile barrier systems or packaging systems (or both) that are intended to maintain sterility of terminally sterilized medical devices to the point of use.
SANS 60269-2:2010/ IEC 60269-2:2010	<i>Low-voltage fuses – Part 2: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) – Examples of standardized systems of fuses A to J.</i> Covers supplementary requirements for fuses in installations where fuse-links are accessible to, and may be replaced by authorized persons only.
SANS 60269-3:2010/ IEC 60269-3:2010	<i>Low-voltage fuses – Part 3: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household and similar applications) – Examples of standardized systems of fuses A to F.</i> Covers six fuse systems, each dealing with a specific example of standardized fuses that comply with the requirements given in IEC 60269-1 (published in South Africa as an identical adoption under the designation SANS 60269-1), for unskilled persons.
SANS 60287-3-2:2010/ IEC 60287-3-2:1995	<i>Electric cables – Calculation of the current rating – Part 3-2: Sections on operating conditions – Economic optimization of power cable size. IEC amendment No. 1.</i> Amended to change the scope and to include dielectric losses when considering the linear cost function for cable costs.
SANS 60335-2-27:2010/ IEC 60335-2-27:2009 (SABS IEC 60335-2-27:2007)	<i>Household and similar electrical appliances – Safety – Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation.</i> Deals with the safety of electrical appliances incorporating emitters for exposing the skin to ultraviolet or infrared radiation, for household and similar use, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.
SANS 60335-2-29:2010/ IEC 60335-2-29:2010 (Ed. 3.2)	<i>Household and similar electrical appliances – Safety – Part 2-29: Particular requirements for battery chargers. Consolidated edition incorporating amendment No. 2.</i> Amended to add to the introduction, to add a cautionary statement regarding challenged persons including children, to include markings for the polarity of output terminals, to include a requirement for abnormal operation, and to add referenced standards to the bibliography.
SANS 60793-1-32:2010/ IEC 60793-1-32:2010	<i>Optical fibres – Part 1-32: Measurement methods and test procedures – Coating strippability.</i> Covers primarily the testing of either fibres as produced by a fibre manufacturer or subsequently overcoated (tight buffered) using various polymers. The test can be performed either on fibres as produced or after exposure to various environments. This test applies to A1, A2, A3, B and C fibres.
SANS 61000-4-20:2010/ IEC 61000-4-20:2010	<i>Electromagnetic compatibility (EMC) – Part 4-20: Testing and measurement techniques – Emission and immunity testing in transverse electromagnetic (TEM) waveguides.</i> Describes emission and immunity test methods for electrical and electronic equipment using various types of transverse electromagnetic (TEM) waveguides. Does not specify tests to be applied to any particular apparatus or system(s).

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 7491-2:1992	<i>Glass fibre reinforced plastics cisterns for cold-water storage – Part 2: Specification for one-piece cisterns of nominal capacity from 500 l to 25 000 l.</i>
SANS 7491-3:1994	<i>Glass fibre reinforced plastics cisterns for cold water storage – Part 3: Specification for sectional tanks.</i>
SANS 18028-1:2009	<i>Information technology – Security techniques – IT network security – Part 1: Network security management.</i>
SANS 51600:1997	<i>Welding consumables – covered electrodes for manual metal arc welding of stainless and heat resisting steels – Classification.</i>
SANS 60079-1-1:2004	<i>Electrical apparatus for explosive gas atmospheres – Part 1: Flameproof enclosures "d" – Method of test for ascertainment of maximum experimental safe gap.</i>
SANS 61241-1:2005	<i>Electrical apparatus for use in the presence of combustible dust – Part 1: Protection by enclosures "tD"</i>
SANS 61241-18: 2005	<i>Electrical apparatus for use in the presence of combustible dust – Part 18: Protection by encapsulation "mD"</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.