

DEPARTMENT OF TRADE AND INDUSTRY
DEPARTEMENT VAN HANDEL EN NYWERHEID

No. 559

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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 613:2009	<i>Fenestration products – Mechanical performance criteria.</i> Specifies the criteria for the performance in respect of wind action (deflection and structural strength), water penetration, air penetration and operation of fenestration products (such as windows, doors, curtain walls and roof lights), within the confines of the perimeter of the main frame, irrespective of the framing material.
SANS 618:2009/ ISO 10324:1997	<i>Information and documentation – Holdings statements – Summary level.</i> Specifies display requirements for holdings statements at the summary level for serial and non-serial items, to promote consistency in the communication and exchange of holdings information. Is intended for use in reporting holdings when reporting is in display form. For machine-readable reporting not in display form, the data elements specified in this standard should be included, although their order etc., may be different in the machine record.
SANS 700:2009	<i>Side upper leather (with a smooth corrected grain).</i> Covers chrome-tanned bovine leather with a corrected grain and a smooth finish, and intended for use as an upper material for footwear. Specifies general, chemical and physical requirements.
SANS 728-8:2009/ AS 1603.8:1996	<i>Automatic fire detection and alarm systems – Part 8: Multi-point aspirated smoke detectors.</i> Specifies requirements for the design, construction and performance of aspirated system type smoke detectors used in automatic fire detection and alarm systems. Covers multi-point aspirated systems and their associated detector and control facilities. Does not include single-point detectors installed with probes in air-handling ducts.
SANS 879:2009/ DS 2403:2001	<i>Energy management – Specifications.</i> Specifies requirements for an energy management system to enable an organization to take care of present and future energy consumption and be able to maintain this method. Applies to those energy aspects that the organization can control and over which it can be expected to have an influence. States requirements for ongoing improvements in the form of more efficient use of energy and energy savings.
SANS 886:2009/ BS 8496:2007	<i>Water quality – Enumeration of micro-organisms in water samples – Guidance on the estimation of variation of results with particular reference to the contribution of uncertainty of measurement.</i> Gives guidance on interpretation of the requirements in BS EN ISO/IEC 17025:2005 (published in South Africa as an identical adoption under the designation SANS 17025:2005) with regard to the uncertainty of measurement in microbial counts in water samples. It gives guidance on the estimation of variation in results between replicate sub-samples, which will include that due to uncertainty of measurement, in order to assess whether the variation due to uncertainty of measurement has been controlled in accordance with the requirements specified in BS EN ISO/IEC 17025:2005. It is applicable to examination of sub-samples as part of a quality assurance system. It is applicable to samples of all types of water.
SANS 3297:2009/ ISO 3297:2007	<i>Information and documentation – International standard serial number (ISSN).</i> Defines and promotes the use of a standard code (ISSN) for the unique identification of serials and other continuing resources. Each international standard serial number (ISSN) is a unique identifier for a specific serial or other continuing resource in a defined medium. Also describes a mechanism, the "linking ISSN (ISSN-L)", that provides for collocation or linking among the different media versions of the same continuing resource.
SANS 3901:2009/ ISO 3901:2001	<i>Information and documentation – International standard recording code (ISRC).</i> Defines and promotes the use of a standard code for the unique identification of recordings. May be applied to audio recordings and music video recordings regardless of whether they are in analogue or digital formats. May not be used for the numbering of audio or audiovisual carriers (e.g. compact discs or videocassettes).
SANS 9692-2:2009/ ISO 9692-2:1998	<i>Welding and allied processes – Joint preparation – Part 2: Submerged arc welding of steels.</i> Applies to types of joint preparation for submerged arc welding with one wire electrode (process 121 according to SANS 4063) on steel. It also covers only the welding positions PA and PB according to SANS 6947. Applies to fully penetrated welds. For partly penetrated welds, types of joint preparation, shapes and dimensions may differ from the listed proposals if they are specified in the relevant application standard or agreed by parties concerned.
SANS 10142-2:2009	<i>The wiring of premises – Part 2: Medium-voltage installations above 1 kV a.c. not exceeding 22 kV a.c. and up to and including 3 000 kW installed capacity.</i> Covers requirements for the design, erection and modification of specific, fixed, medium-voltage electrical installations in distribution systems between the point of control and the point of consumption, with nominal voltages above 1 kV a.c. not exceeding 22 kV a.c. and up to and including 3 000 kW installed capacity, so as to provide safe and proper functioning for the use intended.

Standard No. and year	Title, scope and purport
SANS 10957:2009/ ISO 10957:1993	<i>Information and documentation – International standard music number (ISMN)</i> . Specifies a means of uniquely identifying printed music publications. Standardizes and promotes internationally the use of numbers on printed music publications in order that one edition of a title or one separate component of an edition can be distinguished from all other editions or components by means of a unique international standard music number made up of the following elements: preceded by the letters ISMN, the letter M as a prefix, a publisher identifier, an item identifier, and a check digit. Also specifies the location of the number on printed music publications.
SANS 14341:2009/ ISO 14341:2002	<i>Welding consumables – Wire electrodes and deposits for gas shielded metal arc welding of non alloy and fine grain steels – Classification</i> . Specifies requirements for classification of wire electrodes in the as-welded condition and in the post weld heat-treated condition for gas shielded metal arc welding of non-alloy and fine grain steels with a minimum yield strength of up to 500 N/mm ² or a minimum tensile strength of up to 570 N/mm ² . Constitutes a combined specification providing classification utilizing a system based upon the yield strength and the average impact energy of 47 J of all-weld metal, or utilizing a system based upon the tensile strength and the average impact energy of 27 J of all-weld metal.
SANS 15609-2:2009/ ISO 15609-2:2001	<i>Specification and qualification of welding procedures for metallic materials – Welding procedure specification Part 2: Gas welding</i> . Specifies requirements for the content of welding procedure specifications for gas welding processes.
SANS 15614-3:2009/ ISO 15614-3:2008	<i>Specification and qualification of welding procedures for metallic materials – Welding procedure test – Part 3: Fusion welding of non-alloyed and low-alloyed cast irons</i> . Specifies how a preliminary welding procedure specification (pWPS) for production and repair welding of non-alloyed and low-alloyed cast irons is qualified by fusion welding procedure tests. It also defines the conditions for execution of the welding procedure tests and the range of qualification for welding procedures for all practical welding operations within the range of a defined list of variables. It does not invalidate previous welding procedure tests made to former national standards or specifications.
SANS 18028-1:2009/ ISO/IEC 18028-1:2006	<i>Information technology – Security techniques – IT network security – Part 1: Network security management</i> . Provides direction with respect to networks and communications, including on the security aspects of connecting information system networks themselves, and of connecting remote users to networks. Aimed at those responsible for the management of information security in general, and network security in particular. Provides an introduction on how to identify appropriate control areas with respect to security associated with connections to communications networks.
SANS 18028-3:2009/ ISO/IEC 18028-3:2005	<i>Information technology – Security techniques – IT network security – Part 3: Securing communications between networks using security gateways</i> . Provides an overview of different techniques of security gateways, of components and of different types of security gateway architectures. Guidelines for selection and configuration of security gateways.
SANS 18028-4:2009/ ISO/IEC 18028-4:2005	<i>Information technology – Security techniques – IT network security – Part 4: Securing remote access</i> . Provides guidance for securely using remote access – a method to remotely connect a computer either to another computer or to a network using public networks and its implication for IT security. Introduces the different types of remote access including the protocols in use, discusses the authentication issues related to remote access and provides support when setting up remote access securely.
SANS 18028-5:2009/ ISO/IEC 18028-5:2006	<i>Information technology – Security techniques – IT network security – Part 5: Securing communications across networks using virtual private networks</i> . Provides detailed direction with respect to the security aspects of using Virtual Private Network (VPN) connections to inter-connect networks, and also to connect remote users to networks. Aimed at those individuals responsible for the selection and implementation of the technical controls necessary to provide network security when using VPN connections, and for the subsequent network monitoring of VPN security thereafter. Gives guidance on the selection of secure VPNs, on the implementation of secure VPNs, and on the network monitoring of VPN security. It also provides information on typical technologies and protocols used by VPNs.
SANS 19790:2009/ ISO/IEC 19790:2006	<i>Information technology – Security techniques – Security requirements for cryptographic modules</i> . Specifies the security requirements for a cryptographic module utilized within a security system protecting sensitive information in computer and telecommunication systems. Defines four security levels for cryptographic modules to provide for a wide spectrum of data sensitivity and a diversity of application environments. Four security levels are specified for each of 10 requirement areas. Each security level offers an increase in security over the preceding level.
SANS 22514-3:2009/ ISO 22514-3:2008	<i>Statistical methods in process management – Capability and performance – Part 3: Machine performance studies for measured data on discrete parts</i> . Prescribes the steps to be taken in conducting short-term performance studies on machines where parts produced consecutively under repeatability conditions are considered. Describes methods to be used for handling the data and carrying out the calculations as well as machine performance indices and the actions required at the conclusion of a machine performance study.
SANS 24713-1:2009/ ISO/IEC 24713-1:2008	<i>Information technology – Biometric profiles for interoperability and data interchange – Part 1: Overview of biometric systems and biometric profiles</i> . Provides common definitions used within profile standards and references other standards applicable to the successful implementation of a generic biometric system. Describes the generic functions of the biometric system and the relationship between a biometric system and the application that uses that system.
SANS 24713-2:2009/ ISO/IEC 24713-2:2008	<i>Information technology – Biometric profiles for interoperability and data interchange – Part 2: Physical access control for employees at airports</i> . Specifies the application profile including necessary parameters and interfaces between function modules in support of token-based biometric identification and verification of employees, at local access point and across local boundaries within the defined area of control in an airport. The token is expected to contain one or more reference biometrics, one or more operational biometrics, or both.
SANS 24729-2:2009/ ISO/IEC TR 24729-2:2008	<i>Information technology – Radio frequency identification for item management – Implementation guidelines – Part 2: Recycling and RFID tags</i> . Describes the potential for use of radio-frequency identification (RFID) as a significant enabler in the recycling of various types of products; notably home appliances and electronics. It identifies various recycling streams that are challenged by the possibility of RF tags being attached to recycled material, notably glass and steel.

Standard No. and year	Title, scope and purport
SANS 50025-2:2009/ EN 10025-2:2004	<i>Hot rolled products of structural steels – Part 2: Technical delivery conditions for non-alloy structural steels.</i> Specifies the technical delivery conditions for flat and long products and semi-finished products which are meant for further processing to flat and long products of hot rolled non-alloy quality steels in the grades and qualities given in chemical composition tables and mechanical properties tables in the delivery conditions. Chemical composition and mechanical properties of three engineering steels are also specified. It does not apply to structural hollow sections and tubes.
SANS 50025-4:2009/ EN 10025-4:2004	<i>Hot rolled products of structural steels – Part 4: Technical delivery conditions for thermomechanical rolled weldable fine grain structural steels.</i> Specifies requirements for flat and long products of hot rolled weldable fine grain structural steels in the thermomechanical rolled condition in the grades and qualities given in chemical composition tables and mechanical properties tables in thicknesses less than or equal to 120 mm for flat products and in thicknesses less than or equal to 150 mm for long products.
SANS 50444:2009/ EN 50444:2008	<i>Basic standard for the evaluation of human exposure to electromagnetic fields from equipment for arc welding and allied processes.</i> Applies to equipment for arc welding and allied processes designed for use in industrial or domestic environments, including welding power sources, wire feeders and ancillary equipment, e.g. torches, liquid cooling systems and arc striking and stabilising devices. Specifies procedures for the assessment of electromagnetic fields produced by arc welding equipment and defines standardized operating conditions and test set-ups.
SANS 51004:2009/ EN 1004:2004	<i>Mobile access and working towers made of prefabricated elements – Materials, dimensions, design loads, safety and performance requirements.</i> Specifies safety and performance requirements of mobile access working towers made of prefabricated elements with a height from 2, 5 m to 12, 0 (indoors) and from 2, 5 m to 8, 0 (outdoors). Gives guidance for the choice of the main dimensions and stabilising methods. Gives 17 terms and their definitions.
SANS 51395-1:2009/ EN 1395-1:2007	<i>Thermal spraying – Acceptance inspection of thermal spraying equipment – Part 1: General requirements.</i> Specifies requirements for the acceptance inspection of thermal spraying equipment including plasma (atmospheric and with controlled atmosphere in chambers), arc and flame including HVOF (high velocity oxygen-fuel) spray systems, as well as manipulator and powder feed systems used in spray jobs to produce thermally sprayed coatings of reproducible quality.
SANS 52825:2009/ EN 12825:2001	<i>Raised access floors.</i> Specifies the characteristics and performance requirements of raised access floors for which the main intended use is the internal fitting out of buildings, providing full access to the services to the plenum. Does not cover requirements related to dangerous substances which may be subject to regulations. Applies to modular, factory made flooring elements, comprising panels and pedestals and defines the test methods and measurement. Provides for the evaluation of conformity of the product to this European Standard.
SANS 53280:2009/ EN 13280:2001	<i>Specification for glass fibre reinforced cisterns of one-piece and sectional construction, for the storage, above ground, of cold water.</i> Specifies the requirements for rectangular and vertical cylindrical glass reinforced plastics (GRP) one-piece cisterns and rectangular sectional tanks for the storage of water above ground for both domestic and industrial use within the following capacity ranges: a) one-piece cistern, 500 L to 100000 L; b) sectional tank, 500 L and larger. Particular requirements for additional components for cisterns for domestic use are also included.
SANS 60076-12:2009/ IEC 60076-12:2008	<i>Power transformers – Part 12: Loading guide for dry-type power transformers.</i> Applicable to dry-type transformers according to the scope of IEC 60076-11 (published in South Africa as an identical adoption under the designation SANS 60076-11). Provides the means to estimate ageing rate and consumption of lifetime of the transformer insulation as a function of the operating temperature, time and the loading of the transformer.
SANS 60815-1:2009/ IEC/TS 60815-1:2008	<i>Selection and dimensioning of high-voltage insulators intended for use in polluted conditions – Part 1: Definitions, information and general principles.</i> Applicable to the selection of insulators, and the determination of their relevant dimensions, to be used in high-voltage systems with respect to pollution.
SANS 60815-2:2009/ IEC/TS 60815-2:2008	<i>Selection and dimensioning of high-voltage insulators intended for use in polluted conditions – Part 2: Ceramic and glass insulators for a.c. systems.</i> Applicable to the selection of ceramic and glass insulators for a.c. systems, and the determination of their relevant dimensions, to be used in high-voltage systems with respect to pollution.
SANS 61815-3:2009/ IEC/TS 60815-3:2008	<i>Selection and dimensioning of high-voltage insulators intended for use in polluted conditions – Part 3: Polymer insulators for a.c. systems.</i> Applicable to the selection of polymer insulators for a.c. systems, and the determination of their relevant dimensions, to be used in high-voltage systems with respect to pollution.

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 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.</i> Specifies the methods of measurement of disturbance phenomena in general in the frequency range 9 kHz to 18 GHz and especially of conducted disturbance phenomena in the frequency range 9 kHz to 30 MHz.
SANS 225:2008/ CISPR 25:2008	<i>Vehicles, boats and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the protection of on-board receivers. CISPR technical corrigendum No. 1.</i> Corrected to replace the existing figure 1 and notes by a new figure 1 and notes, and in figure 4 to replace "Level dB (μV/m)" by "Level dB (μV)".

Standard No. and year	Title, scope and purport
SANS 449:2009 (Ed. 4.1)	<i>The manufacture of soft drinks and soft drink concentrates. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable", and to delete reference to national legislation and to the certification mark from the text.
SANS 474:2009/ NRS 057:2009 (Ed. 1.1)	<i>Code of practice for electricity metering. Consolidated edition incorporating amendment No. 1.</i> Amended to add normative references, definitions and a note with regard to the design template, to align the calibration intervals for electronic and electromechanical metering equipment, to exclude prepayment meters from comparisons with meters and meter registers to the billing systems, to change the requirements for meter numbering format, to add items to the design checklist and to the glossary of terms.
SANS 554:1976/ ISO 554:1976	<i>Standard atmospheres for conditioning and/or testing – Specifications. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 599:2009 (Ed. 5.1)	<i>Sterilized sodium chloride and dextrose intravenous infusion. Consolidated edition incorporating amendment No. 1.</i> Amended to correct the formula for the calculation of the sodium chloride content in the product, and to update the subsequent numbering of the subclause (5.8.2).
SANS 814:2009 (Ed. 3.3)	<i>General purpose and aircraft hose clips (Worm-drive type). Consolidated edition incorporating amendment No. 3.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable", and to update referenced standards.
SANS 942:2009 (Ed. 2.4)	<i>Children's, youths', and maids' school shoes with direct injection-moulded soles and heels. Consolidated edition incorporating amendment No. 4.</i> Amended to delete reference to the certification mark and to update a referenced standard.
SANS 1190:2009 (Ed. 1.1)	<i>Malleable iron castings. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable", and to update the referenced standards.
SANS 1415:2009 (Ed. 2.2)	<i>Textile floor coverings (needle-punched construction). Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS Standards to SANS Standards, to update the introductory paragraph to the normative references clause, to update referenced standards, to update the definition of "acceptable", and to update a method of test for appearance retention class.
SANS 1507-5:2009 (Ed. 1.2)	<i>Electric cables with extruded solid dielectric insulation for fixed installations (300/500 V to 1 900/3 300 V) – Part 5: Halogen-free distribution cables. Consolidated edition incorporating amendment No. 2.</i> Amended to add a referenced standard, to clarify a reference, and to add requirements for the compatibility test.
SANS 1528-3:2009 (Ed. 1.2)	<i>Furniture – Part 3: Storage units. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable", to update referenced standards, and to delete a performance requirement.
SANS 1622:2009 (Ed. 1.1)	<i>New replacement brake drums for motor vehicles. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, with no technical changes.
SANS 1827:2009 (Ed. 1.3)	<i>The safety of water treatment chemicals for use in the food industry. Consolidated edition incorporating amendment No. 3.</i> Amended to change the designation of SABS standards to SANS standards, and to update the definition of "acceptable" and referenced standards.
SANS 1840:2009 (SABS 1840:2006)	<i>Manufacture of measuring container bottles.</i> Applies to containers, commonly called measuring container bottles, made of glass, or of any other material that is rigid and stable enough to give metrological results that are as good as those obtained with glass containers, that are stoppered, that are of nominal capacity within the range 0,05 L to 5,0 L, and that have metrological characteristics.
SANS 4074:2003/ ISO 4074:2002	<i>Natural latex rubber condoms – Requirements and test methods. ISO technical corrigendum No. 2.</i> Corrected to delete subclause 6.2, to delete the term "oven-treated" in row 3 of column 1 in table A.1 and table B.1, and to change the principle (H.1) for oven treatment for condoms (annex H).
SANS 10132:2009 (Ed. 2.2)	<i>The installation and operation of refrigerated milk tanks. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable", to update referenced standards, and to delete two requirements for construction.
SANS 10147:2009 (Ed. 4.1)	<i>Refrigerating systems including plants associated with air-conditioning systems. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update referenced standards, to add a definition for "acceptable", and to move reference to national legislation and legislative bodies to the foreword.
SANS 14764:2009/ ISO/IEC 14764:2006	<i>Software Engineering – Software Life Cycle Processes – Maintenance.</i> Describes in greater detail management of the Maintenance Process described in ISO/IEC 12207, including Amendments. It also establishes definitions for the various types of maintenance. It also provides guidance that applies to planning, execution and control, review and evaluation, and closure of the Maintenance Process. It includes maintenance for multiple software products with the same maintenance resources. It provides the framework within which generic and specific software maintenance plans may be executed, evaluated, and tailored to the maintenance scope and magnitude of given software products. It provides the framework, precise terminology and processes to allow the consistent application of technology (tools, techniques and methods) to software maintenance.

Standard No. and year	Title, scope and purport
SANS 15939:2009/ ISO/IEC 15939:2007	<i>Systems and software engineering – Measurement process.</i> Defines a measurement process applicable to system and software engineering and management disciplines. The process is described through a model that defines the activities of the measurement process that are required to adequately specify what measurement information is required, how the measures and analysis results are to be applied, and how to determine if the analysis results are valid. The measurement process is flexible, tailorable, and adaptable to the needs of different users. It identifies a process that supports defining a suitable set of measures that address specific information needs. It identifies the activities and tasks that are necessary to successfully identify, define, select, apply and improve measurement within an overall project or organizational measurement structure. It also provides definitions for measurement terms commonly used within the system and software industries.
SANS 50025-2:2009/ EN 10025-2:2004	<i>Hot rolled products of structural steels – Part 2: Technical delivery conditions for non-alloy structural steels. EN technical corrigendum No. 1.</i> Corrected to replace tables 7, 8, 12 and 13 in the German version only.
SANS 50025-6:2009/ EN 10025-6:2004	<i>Hot rolled products of structural steels – Part 6: Technical delivery conditions for flat products of high yield strength structural steels in the quenched and tempered condition. EN amendment No. 1.</i> Amended to modify the foreword, the requirements for formability and the bibliography.
SANS 50054-2:1997/ EN 54-2:1997 (SABS EN 54-2:1997)	<i>Fire detection and fire alarm systems – Part 2: Control and indicating equipment.</i> Specifies requirements, methods of test, and performance criteria for control and indicating equipment for use in fire detection and fire alarm systems installed in buildings.
SANS 50054-11:2001/ EN 541:2001 (SABS EN 54-11:2001)	<i>Fire detection and fire alarm systems – Part 11: Manual call points. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60238:2009/ IEC 60238:2008 (Ed. 4.1)	<i>Edison screw lampholders. Consolidated edition incorporating amendment No. 1.</i> Amended to update a referenced standard, to delete the 750 V standard rating, to add marking requirements, to replace "working voltages" by rated voltages and to do editorial corrections.
SANS 60335-2-14:2009 (Ed. 4.1)	<i>Household and similar electrical appliances – Safety – Part 2-14: Particular requirements for kitchen machines.</i> Amended to include electromagnetic phenomena that can affect the safe operation of appliances, to amend the scope with regards to challenged persons and children, to change requirements for heating, stability and mechanical hazards, and to add a referenced standard to the bibliography.
SANS 60335-2-51:2009 (Ed. 3.1)	<i>Household and similar electrical appliances – Safety – Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations. Consolidated edition incorporating amendment No. 1.</i> Amended to include in the introduction a caution that covers abnormal operational situations and a cautionary statement regarding children and disabled persons in the scope. Amends 11.2 dealing with the requirements for heating and adds a new reference in the bibliography.
SANS 60335-2-55:2009 (Ed. 3.1)	<i>Household and similar electrical appliances – Safety – Part 2-55: Particular requirements for electrical appliances for use with aquariums and garden ponds. Consolidated edition incorporating amendment No. 1.</i> Amended to include the effect of electromagnetic phenomena on appliances, to amend the scope with regards to challenged persons and children, to add a requirement under mechanical strength, and to add a referenced standard to the bibliography.
SANS 60794-2-20:2009/ IEC 60794-2-20:2008	<i>Optical fibre cables – Part 2-20: Indoor cables – Family specification for multi-fibre optical distribution cables.</i> Covers multi-fibre optical distribution cables for indoor use.
SANS 60794-3-10:2009/ IEC 60794-3-10:2009	<i>Optical fibre cables – Part 3-10: Outdoor cables – Family specification for duct, directly buried and lashed aerial optical telecommunication cables.</i> Covers optical telecommunication cables to be used in ducts, direct buried or lashed aerial applications. Requirements of the sectional specification SANS 60794-3/IEC 60794-3 for duct, buried and aerial cables are applicable.
SANS 61000-4-2:2009/ IEC 61000-4-2:2008	<i>Electromagnetic compatibility (EMC) – Part 4-2: Testing and measurement techniques – Electrostatic discharge immunity test.</i> Applies to the immunity requirements and test methods for electrical and electronic equipment subjected to static electricity discharges, from operators directly, and to adjacent objects. Additionally defines ranges of test levels which relate to different environmental and installation conditions and establishes test procedures.
SANS 61000-4-7:2003/ IEC 61000-4-7:2002 (SABS IEC 61000-4-7:2002)	<i>Electromagnetic compatibility (EMC) – Part 4-7: Testing and measurement techniques – General guide on harmonics and interharmonics measurements and instrumentation, for power supply systems and equipment connected thereto.</i> Applicable to instrumentation intended for measuring spectral components in the frequency range up to 9 kHz which are superimposed on the fundamental of the power supply systems at 50 Hz and 60 Hz. Distinguishes between harmonics, interharmonics and other components above the harmonic frequency range, up to 9 kHz for practical considerations. Measurement instrumentation intended for testing individual items of equipment in accordance with emission limits given in certain standards as well as for the measurement of harmonic current and voltages in actual supply systems, are defined. The instrument is defined to accommodate measurements of harmonics up to the 50th order.
SANS 61000-4-17:2009/ IEC 61000-4-17:2009 (Ed. 1.2)	<i>Electromagnetic compatibility (EMC) – Part 4-17: Testing and measurement techniques – Ripple on d.c. input power port immunity test. Consolidated edition incorporating amendment No. 2.</i> Amendment on Normative reference to delete the dates to the referenced international standards, IEC 60050(161) and IEC 60068-1, and delete the third reference IEC 61000-4-11. Amendment to subclause 6.2 to delete, at the end of the first paragraph in the fourth dashed item, the brackets and the text (as in IEC 61000-4-11).
SANS 61000-4-30:2009/ IEC 61000-4-30:2008	<i>Electromagnetic compatibility (EMC) – Part 4-30: Testing and measurement techniques – Power quality measurement methods.</i> Defines the methods for measurement and interpretation of results for power quality parameters in 50/60 Hz a.c. power supply systems.
SANS 61073-1:2009/ IEC 61073-1:2009	<i>Fibre optic interconnecting devices and passive components – Mechanical splices and fusion splice protectors for optical fibres and cables – Part 1: Generic specification.</i> Applies to fibre optic splice hardware (mechanical splices and fusion splice protections) for optical fibres and cables.

Standard No. and year	Title, scope and purport
SANS 61184:2009/ IEC 61184:2008	<i>Bayonet lampholders. IEC technical corrigendum No. 1.</i> Changed to do editorial corrections.
SANS 61284:1997/ IEC 61284:1997 (SABS IEC 61284:1997)	<i>Overhead lines – Requirements and tests for fittings.</i> Applies to fittings for overhead lines of nominal voltage above 45 kV. May also be applied to fittings for overhead lines of lower nominal voltage and to similar fittings for substations.
SANS 61290-3:2009/ IEC 61290-3:2008	<i>Optical amplifiers – Test methods – Part 3: Noise figure parameters.</i> Applies to all commercially available optical amplifiers (OAs), including OAs using optically pumped fibres, semiconductor optical amplifiers (SOAs) and planar waveguide optical amplifiers (PWOAs). The object of this standard is to provide the general background for OA noise figure parameters measurements and to indicate those IEC standard test methods for accurate and reliable measurements of the OA parameters, as defined in SANS 61291-1. This standard addresses measurement of OAs that are to be used for amplifying single channels, that is signals from a single transmitter.
SANS 61300-3-34:2009/ IEC 61300-3-34:2009	<i>Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-34: Examinations and measurements – Attenuation of random mated connectors.</i> Describes the procedure required to measure the statistical distribution and mean attenuation for random mated optical connectors which, in this context, can also be referred to as insertion loss.

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 1208:1989	<i>Cast light alloy road wheels.</i>
SANS 1651:1996	<i>Glazed aluminium alloy windows and sliding glass doors for external use.</i>
SANS 1765:2003	<i>Low-voltage switchgear and controlgear assemblies (distribution boards) with a rated short-circuit withstand strength up to and including 10kA.</i>
SANS 1927:2003	<i>Encasement bags for hot water storage cylinders.</i>
SANS 5742:1971	<i>Sulphide sulphur content of cement.</i>
SANS 5824:1978	<i>Pesticides: biological evaluation of powders that prevent decay and inhibit sprout formation in potatoes.</i>
SANS 5915:1980	<i>Resistance to thermal shock and structural spalling of shaped refractory materials.</i>
SANS 5916:1980	<i>Thermal expansion of refractory materials (dial gauge method for temperatures up to 1 150 °C).</i>
SANS 5917:1980	<i>Thermal expansion of refractory materials (electrical method for temperatures between 1 150 °C and 1 500 °C).</i>
SANS 5918:1980	<i>Thermal expansion of refractory materials (optical method for temperatures between 1 150 °C and 1 500 °C).</i>
SANS 5919:1980	<i>Modulus of rupture at elevated temperatures of dense refractory bricks.</i>
SANS 5920:1980	<i>Modulus of rupture at room temperature of dense and insulating refractory bricks.</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.