

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

No. 743

17 July 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 published by SABS Standards Division 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 132:2009/ ISO 1170:2008	<i>Coal and coke – Calculation of analyses to different bases.</i> Gives equations that allow analytical data relating to coal and coke to be expressed on various different bases in common use.
SANS 215:2009/ CISPR 15:2009 (Ed. 4.2)	<i>Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment. Consolidated edition incorporating amendment No. 2.</i> Amended to define non-compliance in accordance with a statistical method of evaluation, to add a subclause on measurement uncertainty, to rename existing and insert new subclauses, and to add a normative reference.
SANS 370:2009 (Ed. 1.1)	<i>Steel mesh reinforced polyethylene (PE) pipes for water supply. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, to insert the definition of "acceptable", to renumber the definitions accordingly and to modify the requirements for thermal stability and weathering of non-black pipes.
SANS 460:2009 (Ed. 4.1)	<i>Plain-ended solid drawn copper tubes for potable water. Consolidated edition incorporating amendment No. 1.</i> Amended to update the introductory paragraph to the normative clause.
SANS 532:2009	<i>Standard and specifications for industrial, medical, propellant, food and beverage gases, refrigerants and breathing gases.</i> Covers industrial gases, medical gases, propellant gases, food and beverage gases, refrigerants and breathing gases.
SANS 701:2009	<i>Cordovan and cordovan-type leathers for orthopaedic use.</i> Covers genuine cordovan leather made from horsehide and cordovan-type leather made from sheepskins or bovine hides intended for orthopaedic use.
SANS 702:2009	<i>Vegetable-tanned side leather for orthopaedic use.</i> Covers vegetable-tanned side leather for orthopaedic use.
SANS 705:2009	<i>Vegetable-tanned harness and bridle leathers.</i> Covers vegetable-tanned harness and bridle leathers.
SANS 712:2009	<i>Printed side upper leather.</i> Covers chrome-tanned printed side upper leather for the manufacture of heavy footwear.
SANS 894:2009	<i>Test Specifications for SD and HD Level Integrated Receiver Decoders.</i> Contains the unified test specifications for SD and HD level integrated receiver decoders for use in cable, satellite, terrestrial and IP-based networks.
SANS 901:2009 (Ed. 3.1)	<i>Paint and varnish brushes (flat type). Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the introductory paragraph to the normative references clause, and to update referenced standards.
SANS 1056-3:2009 (Ed. 2.2)	<i>Ball valves – Part 3: Light duty valves (not fire-safe). Consolidated edition incorporating amendment No. 2.</i> Amended to update a referenced standard.
SANS 1100:2009 (Ed. 1.1)	<i>Industrial laminated sheets based on phenolic resin. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to change the definition of "acceptable", and to update referenced standards.
SANS 1507-4:2009 (Ed. 1.2)	<i>Electric cables with extruded solid dielectric insulation for fixed installations (300/500 V to 1 900/3 300 V) – Part 4: XLPE Distribution cables. Consolidated edition incorporating amendment No. 2.</i> Amended to add reference standards, to add halogen-free flame retardant material or polyethylene as an option for bedding and to add halogen-free material as an option for the outer sheath.
SANS 1775-1:2009	<i>Intravenous infusion and transfusion equipment (sterile-packed for single use) – Part 1: Infusion sets, gravity feed.</i> Covers requirements for gravity feed intravenous fluid infusion sets, continuous flow infusion sets and secondary medication infusion sets intended for general medical use and sterile-packed for single use. It does not cover sets for use with blood or blood derivatives.

Standard No. and year	Title, scope and purport
SANS 1775-2:2009	<i>Intravenous infusion and transfusion equipment (sterile-packed for single use) – Part 2: Burette sets, gravity feed.</i> Covers requirements for gravity feed intravenous fluid burette sets of nominal capacity 50 mL, 100 mL and 150 mL, which are sterile-packed for single use and intended for general medical use to ensure compatibility of use with containers for intravenous solutions and infusion equipment.
SANS 1775-4:2009	<i>Intravenous infusion and transfusion equipment (sterile-packed for single use) – Part 4: Central venous pressure (CVP) monitoring sets.</i> Covers requirements for central venous pressure (CVP) monitoring sets intended for general medical use and sterile-packed for single use.
SANS 1853:2009 (Ed. 1.1)	<i>Disinfectants and detergent-disinfectants for use in the food industry. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, and to update referenced standards.
SANS 1952:2009/ ISO 1952:2008	<i>Solid mineral fuels – Determination of extractable metals in dilute hydrochloric acid.</i> Describes the extraction from solid mineral fuels by dilute hydrochloric acid and determination of extractable sodium, potassium, calcium, iron and magnesium.
SANS 3834-6:2009/ ISO/TR 3834-6:2007	<i>Quality requirements for fusion welding of metallic materials – Part 6: Guidelines on implementing ISO 3834.</i> Gives guidelines for the implementation of requirements given in the other parts of SANS 3834, and is intended to help manufacturers and users select that part of SANS 3834 appropriate to their needs.
SANS 4706:2009/ ISO 4706:2008	<i>Gas cylinders – Refillable welded steel cylinders – Test pressure 60 bar and below.</i> Specifies minimum requirements concerning material selection, design, construction and workmanship, procedure and testing at manufacture of refillable welded steel gas cylinders of a test pressure not greater than 60 bar, and of water capacities from 0,5 L up to and including 500 L exposed to extreme worldwide temperatures (-50 to +65 degrees Celcius) used for compressed, liquefied or dissolved gases.
SANS 5502:2009 (SABS SM 557:1980)	<i>Burning test on cable dielectric and outer coverings.</i> Specifies a method to determine the burning resistance of cable dielectric and outer coverings.
SANS 5557:2009 (SABS SM 557:1980)	<i>Bending tests (longitudinal, transverse and edgewise) on copper strip or sheet.</i> Specifies the methods for longitudinal tests, transverse tests, and edgewise tests on copper strip or sheet.
SANS 7064:2009/ ISO/IEC 7064:2003	<i>Information technology – Security techniques – Check character systems.</i> Specifies a set of check character systems capable of protecting strings against errors which occur when people copy or type data. The strings may be of fixed or variable length and may have character sets which are numeric (10 digits: 0 to 9); alphabetic (26 letters: A to Z); and alphanumeric (letters and digits). Specifies conformance requirements for products described as generating check characters or checking strings using the systems given in this International Standard
SANS 10405:2009	<i>Transport of dangerous goods by rail – Operational and design requirements and emergency preparedness.</i> Specifies the requirements for the safe transportation of dangerous goods by rail in terms of operational requirements, design requirements and emergency preparedness. Includes documentation, loading, dispatch, placarding, contingency planning and occurrence management, offloading, security issues and training.
SANS 14692-1:2009/ ISO 14692-1:2002	<i>Petroleum and natural gas industries – Glass-reinforced plastics (GRP) piping – Part 1: Vocabulary, symbols, applications and materials.</i> Gives the terms and symbols used in the specification, manufacture, testing and installation of glass-reinforced plastics (GRP) piping installations associated with offshore applications on both fixed and floating topsides facilities for oil and gas industry production and processing. It also describes the philosophy and provides guidance on the range of suitable applications for such piping, and defines limitations to the materials of construction for these applications.
SANS 14692-2:2009/ ISO 14692-2:2002	<i>Petroleum and natural gas industries – Glass-reinforced plastics (GRP) piping – Part 2: Qualification and manufacture.</i> Gives requirements for the qualification and manufacture of GRP piping and fittings in order to enable the purchase of GRP components with known and consistent properties from any source. It is applicable to qualification procedures, preferred dimensions, quality programmes, component marking and documentation.
SANS 14692-3:2009/ ISO 14692-3:2002	<i>Petroleum and natural gas industries – Glass-reinforced plastics (GRP) piping – Part 3: System design.</i> Gives guidelines for the design of GRP piping systems. The requirements and recommendations apply to layout dimensions, hydraulic design, structural design, detailing, fire endurance, spread of fire and emissions and control of electrostatic discharge.
SANS 14692-4:2009/ ISO 14692-4:2002	<i>Petroleum and natural gas industries – Glass-reinforced plastics (GRP) piping – Part 4: Fabrication, installation and operation.</i> Gives requirements and recommendations for the fabrication, installation and operation of GRP piping systems for use in oil and natural gas industry processing and utility service applications. The recommendations apply to delivery, inspection, handling, storage, installation, system pressure testing, maintenance, repair and decommissioning.
SANS 15443-3:2009/ ISO/IEC TR 15443-3:2007	<i>Information technology – Security techniques – A framework for IT security assurance – Part 3: Analysis of assurance methods.</i> Provide general guidance to an assurance authority in the choice of the appropriate type of international communications technology (ICT) assurance methods and to lay the framework for the analysis of specific assurance methods for specific environments
SANS 15459-3:2009/ ISO/IEC 15459-3:2006	<i>Information technology – Unique identifiers – Part 3: Common rules for unique identifiers.</i> Specifies the common rules that apply for unique identifiers for item management that are required to ensure full compatibility across classes of unique identifiers.
SANS 15459-5:2009/ ISO/IEC 15459-5:2007	<i>Information technology – Unique identifiers – Part 5: Unique identifier for returnable transport items (RTIs).</i> Specifies a unique, non-significant string of characters for the unique identification of returnable transport items (RTIs), of which the character string is intended to be represented in a radio frequency identification (RFID) transponder, bar code label or other automatic identification and data capture (AIDC) media attached to the item to meet supply chain management needs.

Standard No. and year	Title, scope and purport
SANS 18013-3:2009/ ISO/IEC 18013-3:2009	<i>Information technology – Personal identification – ISO-compliant driving licence – Part 3: Access control, authentication and integrity validation.</i> Establishes guidelines for the design, format and data content of an ISO-compliant driving licence (IDL) with regard to human-readable features (SANS 18013-1:2007/ISO/IEC 18013-1:2005), machine-readable technologies (SANS 18013-2:2008/ISO/IEC 18013-2:2008), and access control, authentication and integrity validation (SANS 18013-3:2009/ISO/IEC 18013-3:2009). Creates a common basis for international use and mutual recognition of the IDL without impeding individual countries/states to apply their privacy rules and national/community/regional motor vehicle authorities in taking care of their specific needs.
SANS 18043:2009/ ISO/IEC 18043:2006	<i>Information technology – Security techniques – Selection, deployment and operations of intrusion detection systems.</i> Provides guidelines to assist organizations in preparing to deploy Intrusion Detection System (IDS). Addresses the selection, deployment and operations of IDS. Provides background information from which these guidelines are derived.
SANS 19762-1:2009/ ISO/IEC 19762-1:2008	<i>Information technology – Automatic identification and data capture (AIDC) techniques – Harmonized vocabulary – Part 1: General terms relating to AIDC.</i> Provides general terms and definitions in the area of automatic identification and data capture techniques on which are based further specialized sections in various technical fields, as well as the essential terms to be used by non-specialist users in communication with specialists in automatic identification and data capture techniques.
SANS 19762-2:2009/ ISO/IEC 19762-2:2008	<i>Information technology – Automatic identification and data capture (AIDC) techniques – Harmonized vocabulary – Part 2: Optically readable media (ORM).</i> Provides terms and definitions unique to optically readable media (ORM) in the area of automatic identification and data capture techniques. This glossary of terms enables the communication between non-specialist users and specialists in ORM through a common understanding of basic and advanced concepts.
SANS 19762-3:2009/ ISO/IEC 19762-3:2008	<i>Information technology – Automatic identification and data capture (AIDC) techniques – Harmonized vocabulary – Part 3: Radio frequency identification (RFID).</i> Provides terms and definitions unique to radio frequency identification (RFID) in the area of automatic identification and data capture techniques. This glossary of terms enables the communication between non-specialist users and specialists in RFID through a common understanding of basic and advanced concepts.
SANS 19762-4:2009/ ISO/IEC 19762-4:2008	<i>Information technology – Automatic identification and data capture (AIDC) techniques – Harmonized vocabulary – Part 4: General terms relating to radio communications.</i> Provides general terms and definitions relating to radio communications in the area of automatic identification and data capture techniques. This glossary of terms enables the communication between non-specialist users and specialists in radio communications through a common understanding of basic and advanced concepts.
SAANS 19762-5:2009/ ISO/IEC 19762-5:2008	<i>Information technology – Automatic identification and data capture (AIDC) techniques – Harmonized vocabulary – Part 5: Locating systems.</i> Provides terms and definitions unique to locating systems in the area of automatic identification and data capture techniques. This glossary of terms enables the communication between non-specialist users and specialists in locating systems through a common understanding of basic and advanced concepts.
SANS 27011:2009/ ISO/IEC FDIS 27011:2008	<i>Information technology – Information security management guidelines for telecommunications.</i> Defines guidelines supporting the implementation of Information Security Management in telecommunications organizations. This International Standard will allow telecommunications organizations to meet baseline information security management requirements of confidentiality, integrity, availability and any other relevant security property.
SANS 51274:2009/ EN 1274:2004 (SABS EN 1274:1996)	<i>Thermal spraying – Powders – Composition, technical supply conditions.</i> Covers powders applicable in thermal spraying on the basis of their physical and chemical properties. It also specifies the composition and technical supply conditions of powders for thermal spraying.
SANS 53138-2:2009/ EN 13138-2:2007	<i>Buoyant aids for swimming instruction – Part 2: Safety requirements and test methods for buoyant aids to be held.</i> Specifies safety requirements for construction, performance, sizing and marking for swimming devices intended to assist users with movement through the water in the early stages of water awareness, whilst learning part of a swimming stroke. It also gives methods of test for verification of these requirements. It applies to class C devices that are designed to assist with swimming strokes and improving specific elements of the stroke, which have either inherent buoyancy or can be inflated. It includes devices that are held in the hands or by the body. It does not apply to pull buoys, buoyancy aids, lifejackets or aquatic toys.
SANS 53138-3:2009/ EN 13138-3:2007	<i>Buoyant aids for swimming instruction Part 3: Safety requirements and test methods for swim seats to be worn.</i> Specifies safety requirements for design, sizing, materials, strength and in-water performance as well as provisions for marking and the information supplied by the manufacturer for swim seats to be worn. It also specifies the relevant test methods. It covers class A buoyancy devices in which children are seated. These devices are only intended for children aged up to 36 months with a body mass less than or equal to 18 kg.
SANS 60332-3-10:2009/ IEC 60332-3-10:2009 (Ed. 1.1)	<i>Tests on electric and optical fibre cables under fire conditions – Part 3-10: Test for vertical flame spread of vertically-mounted bunched wires or cables – Apparatus. Consolidated edition incorporating amendment No. 1.</i> Amended to change the title, to delete a paragraph from the introduction, to change requirements for the test apparatus, the type of ignition source and the details of a recommended burner, and to add the details of recommended mass flowmeters.
SANS 60332-3-22:2009/ IEC 60332-3-22:2009 (Ed. 1.1)	<i>Tests on electric and optical fibre cables under fire conditions – Part 3-22: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category A. Consolidated edition incorporating amendment No. 1.</i> Amended to include optical fibre cables in the standard, and to specify a precondition in the retest procedure.
SANS 60332-3-23:2009/ IEC 60332-3-23:2009 (Ed. 1.1)	<i>Tests on electric and optical fibre cables under fire conditions – Part 3-23: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category B. Consolidated edition incorporating amendment No. 1.</i> Amended to include optical fibre cables in the standard, and to specify a precondition in the retest procedure.
SANS 60335-2-4:2009/ IEC 60335-2-4:2008	<i>Household and similar electrical appliances – Safety – Part 2-4: Particular requirements for spin extractors.</i> Deals with the safety of electric spin extractors for household and similar purposes that have a capacity not exceeding 10 kg of dry cloth and a drum peripheral speed not exceeding 50 m/s, their rated voltages being not more than 250 V for single-phase appliances and 480 V for other appliances.

Standard No. and year	Title, scope and purport
SANS 60335-2-26:2009/ IEC 60335-2-26:2008 (Ed. 3.1)	<i>Household and similar electrical appliances – Safety – Part 2-26: Particular requirements for clocks. Consolidated edition incorporating amendment No. 1.</i> Amended to add information to the introduction, to refer to the use of appliances by disabled persons and children, to number a subclause, and to include a referenced standard in the bibliography.
SANS 60601-2-2:2009/ IEC 60601-2-2:2009	<i>Medical electrical equipment – Part 2-2: Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories.</i> Applies to the basic safety and essential performance of high frequency surgical equipment.
SANS 60601-2-19:2009/ IEC 60601-2-19:2009	<i>Medical electrical equipment – Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators.</i> Applies to the basic safety and essential performance of infant incubators. Does not cover hazards inherent in the intended physiological function of medical electrical equipment or medical electrical systems.
SANS 60601-2-20:2009/ IEC 60601-2-20:2009	<i>Medical electrical equipment – Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators.</i> Applies to the basic safety and essential performance of infant transport incubator equipment. Does not cover hazards inherent in the intended physiological function of medical electrical equipment or medical electrical systems.
SANS 60601-2-21:2009/ IEC 60601-2-21:2009	<i>Medical electrical equipment – Part 2-21: Particular requirements for the basic safety and essential performance of infant radiant warmers.</i> Applies to the basic safety and essential performance of infant radiant warmers. Does not cover hazards inherent in the intended physiological function of medical electrical equipment or medical electrical systems.
SANS 60974-5:2009/ IEC 60974-5:2007	<i>Arc welding equipment – Part 5: Wire feeders.</i> Specifies safety and performance requirements for industrial and professional equipment used in arc welding and allied processes to feed filler wire.
SANS 60974-6:2009/ IEC 60974-6:2003	<i>Arc welding equipment – Part 6: Limited duty manual metal arc welding power sources.</i> Applies to power sources with a thermal cut-out device for manual metal arc welding with limited duty. Does not apply to rotating welding power sources, welding power sources with remote control, and welding power sources incorporating frequency conversion.
SANS 100098-3:2009/ ISO/IEC Guide 98-3:2008	<i>Uncertainty of measurement – Part 3: Guide to the expression of uncertainty in measurement (GUM:1995).</i> Establishes general rules for evaluating and expressing uncertainty in measurements that can be followed at various levels of accuracy and in many fields – from the shop floor to fundamental research.

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 149:2009 (Ed. 2.4)	<i>Absorbent cotton wool and cotton-and-viscose wool products. Consolidated edition incorporating amendment No. 4.</i> Amended to update referenced standards.
SANS 212:2009/ CISPR 12:2009 (Ed. 4.1)	<i>Vehicles, boats, and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the protection of off-board receivers. Consolidated edition incorporating amendment No. 1.</i> Amended to include traction batteries in the scope, and add floor treatment machines under the definitions for vehicle and device.
SANS 214-2:2009/ CISPR 14-2:2008 (Ed. 1.2)	<i>Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 2: Immunity – Product family standard. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards, add a definition for clock frequency, and change/replace text and tables relating to tests for surges and for voltage dips and interruptions.
SANS 216-1-2:2007/ CISPR 16-1-2:2006 (Ed. 1.2)	<i>Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-2: Radio disturbance and immunity measuring apparatus – Ancillary equipment – Conducted disturbances. Consolidated edition incorporating CISPR technical corrigendum No.1.</i> Corrected to move text in Figure E.4, delete text in Figure E.5 and correct an equation.
SANS 216-1-4:2008/ CISPR 16-1-4:2008	<i>Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-4: Radio disturbance and immunity measuring apparatus – Ancillary equipment – Radiated disturbances. CISPR amendment No. 2.</i> Amendment to add Specification of ferrite clamps type of Common mode absorption devices (CMAD) which are used during radiated measurements in the frequency range 30 MHz to 1000 MHz for the purpose of reducing compliance uncertainty.
SANS 220:2009 (Ed. 3.2)	<i>Dissolved acetylene cylinders. 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 delete reference to the standardization mark, and to update the referenced standards.
SANS 585:2009 (SABS 585:2009)	<i>The production of frozen fish, marine molluscs, and products derived therefrom.</i> Specifies requirements for the handling, preparation, processing, packaging, transportation, freezing, storage and quality of frozen fish, marine molluscs, and products derived therefrom which are intended for human consumption. It also specifies requirements for factories and employees involved in the production.
SANS 1700-12-3:2009/ ISO 4027:2003	<i>Fasteners – Part 12: Set screws Section 3: Hexagon socket set screws with cone point.</i> Specifies the characteristics of hexagon socket set screws with cone point and threads from M1,6 up to and including M24 and of product grade A.
SANS 1796:2009 (SABS 1796:2003)	<i>Application of durable organic powder coatings for architectural aluminium.</i> Specifies the characteristics of durable organic powder coating (finish) on aluminium alloy extrusions, sheet and welded structures to be used for external architectural applications. It includes powder coatings used for special finishes.

Standard No. and year	Title, scope and purport
SANS 1803-1:2009 (Ed. 1.1)	<i>Lugs and ferrules for insulated electric cables – Part 1: Copper conductors. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update referenced standards, and to remove a reference to the SABS as the testing authority.
SANS 1808-13:2009 (Ed. 1.2)	<i>Water supply and distribution system components – Part 13: Diaphragm valves. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update referenced standards, to update the definition of "acceptable", to update the requirements for fasteners, and to delete reference to the certification mark.
SANS 7816-4:2005/ ISO/IEC 7816-4:2005 (SABS ISO/IEC 7816-4:2005)	<i>Identification cards – Integrated circuit cards – Part 4: Organization, security and commands for interchange.</i> Specifies contents of command-response pairs exchanged at the interface; means of retrieval of data elements and data objects in the card; structures and contents of historical bytes to describe operating characteristics of the card; structures for applications and data in the card, as seen at the interface when processing commands; access methods to files and data in the card; a security architecture defining access rights to files and data in the card; means and mechanisms for identifying and addressing applications in the card; methods for secure messaging; access methods to the algorithms processed by the card. It does not describe these algorithms. It does not cover the internal implementation within the card or the outside world, and is independent from the physical interface technology. It applies to cards accessed by one or more of the following methods: contacts, close coupling, and radio frequency.
SANS 10114-2:2009 (Ed. 1.2)	<i>Interior lighting – Part 2: Emergency lighting. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, and to move references to legislation to the foreword.
SANS 10249:2009 (Ed. 1.1)	<i>Masonry walling. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the introductory paragraph to the normative references clause, and to update referenced standards.
SANS 10373-6:2004/ IEC 10373-6:2001	<i>Identification cards – Test methods – Part 6: Proximity cards. ISO/IEC amendment No. 1.</i> Amended protocol test methods for proximity cards, added normative references, terms and definitions, a list of abbreviations and symbols and annex G, Additional PICC test methods. <i>ISO/IEC amendment No. 5.</i> Amended to include additional test conditions for Bit rates of fc/64, fc/32 and fc/16, to replace text in amendment 2:2003 and to add annex J, High bit rate selection test methods for PCID.
SANS 12488-1:2007/ ISO 12488-1:2005	<i>Cranes – Tolerances for wheels and travel and traversing tracks – Part 1: General. ISO corrigendum No. 1.</i> Corrected to change and to add symbols, tolerances and variables in the clause on symbols (clause 4), the table on construction tolerances for crane wheels of tolerance classes 1 to 4 (table 4), the table on construction tolerances for rail joints (table 6), and the table on operational tolerances for travel and traverse tracks and crane and crab wheels of tolerances classes 1 to 4 (table 7).
SANS 14692-2:2009/ ISO 14692-2:2002	<i>Petroleum and natural gas industries – Glass-reinforced plastics (GRP) piping – Part 2: Qualification and manufacture. ISO amendment No. 1.</i> Corrected to include a note and to modify information on quantifying performance in annex D.
SANS 14692-3:2009/ ISO 14692-3:2002	<i>Petroleum and natural gas industries – Glass-reinforced plastics (GRP) piping – Part 3: System design. ISO amendment No. 1.</i> Corrected to modify a requirement in table 2 and to replace two equations.
SANS 14692-4:2009/ ISO 14692-4:2002	<i>Petroleum and natural gas industries – Glass-reinforced plastics (GRP) piping – Part 4: Fabrication, installation and operation. ISO amendment No. 1.</i> Corrected to modify the table on defect types, acceptance criteria and recommended corrective action for GRP material and adhesive bonds and to change a reference in the bibliography.
SANS 15189:2009/ ISO 15189:2007	<i>Medical laboratories – Particular requirements for quality and competence.</i> Specifies requirements for quality and competence particular to medical laboratories. For use by medical laboratories in developing their quality management systems and assessing their own competence, and for use by accreditation bodies in confirming or recognising the competence of medical laboratories.
SANS 18000-1:2009/ ISO/IEC 18000-1:2008	<i>Information technology – Radio frequency identification for item management – Part 1: Reference architecture and definition of parameters to be standardized.</i> Describes the generic architecture concepts in which item identification may commonly be required within the logistics and supply chain and defines the parameters to be determined in any standardized air interface definition in the ISO/IEC 18000 series (published in South Africa as identical adoptions under the designation SANS 18000). The subsequent parts of ISO/IEC 18000 provide the specific values for definition of the air interface parameters for a particular frequency or type of air interface, from which compliance (or non-compliance) with this part of SANS 18000 can be established. Provides a description of example conceptual architectures in which these air interfaces are often to be utilized.
SANS 19114:2004/ ISO 19114:2003	<i>Geographic information – Quality evaluation procedures. ISO corrigendum No.</i> Amended to exclude the lake, hospital and railway on the graphical representation of the universe of discourse, and to relabel the graphics on the map. 1.
SANS 60079-5:2009/ IEC 60079-5:2007	<i>Explosive atmospheres – Part 5: Equipment protection by powder filling "q".</i> Contains specific requirements for the construction, testing and marking of electrical equipment, parts of electrical equipment and Ex components in the type of protection powder filling "q", intended for use in explosive gas atmospheres.
SANS 60332-3-25:2009/ IEC 60332-3-25:2009 (Ed. 1.1)	<i>Tests on electric and optical fibre cables under fire conditions – Part 3-25: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category D. Consolidated edition incorporating amendment No. 1.</i> Amended to include optical fibre cables in the standard, and to specify a precondition in the retest procedure.
SANS 60335-3-24:2009/ IEC 60332-3-24:2009 (Ed. 1.1)	<i>Tests on electric and optical fibre cables under fire conditions – Part 3-24: Test for vertical flame spread of vertically-mounted bunched wires or cables – Category C. Consolidated edition incorporating amendment No. 1.</i> Amended to include optical fibre cables in the standard, and to specify a precondition in the retest procedure.
SANS 60794-2-30:2009/ IEC 60794-2-30:2008	<i>Optical fibre cables – Part 2-30: Indoor cables – Family specification for ribbon cables.</i> Covers optical fibre ribbon cables for indoor use.

Standard No. and year	Title, scope and purport
SANS 61000-1-2:2009/ IEC TS 61000-1-2:2008	<i>Electromagnetic compatibility (EMC) – Part 1-2: General – Methodology for the achievement of functional safety of electrical and electronic systems including equipment with regard to electromagnetic phenomena.</i> Establishes a methodology for the achievement of functional safety only with regard to the electromagnetic phenomena of electrical and electronic systems and installations, as installed and used under operational conditions. This methodology includes the implication it has on equipment used in such systems and installations. May also be used as a guide for considering EMC requirements for other systems having a direct contribution to safety.
SANS 61000-4-3:2008/ IEC 61000-4-3:2008	<i>Electromagnetic compatibility (EMC) – Part 4-3: Testing and measurement techniques – Radiated, radio-frequency, electromagnetic field immunity test. IEC interpretation sheet No. 1.</i> Added to indicate that j-3 and m-3 are to be interpreted such that amplifiers showing a deviation of more than 5,1 dB are suitable for testing.
SANS 61558-2-4:2009/ IEC 61558-2-4:2009	<i>Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V – Part 2-4: Particular requirements and tests for isolating transformers and power supply units incorporating isolating transformers.</i> Applies to stationary or portable, single-phase or polyphase, air-cooled (natural or forced) independent or associated dry-type transformers, having a rated supply voltage not exceeding 1 100 V a.c., a rated supply frequency not exceeding 500 Hz, and a rated output that does not exceed 25 kVA for single-phase transformers and 40 kVA for polyphase transformers.
SANS 61558-2-6:2009/ IEC 61558-2-6:2009	<i>Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V – Part 2-6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers.</i> Deals with the safety of safety isolating transformers for general applications and power supply units incorporating safety isolating transformers for general applications. Covers transformers that incorporate electronic circuits. Not applicable to external circuits and their components intended to be connected to the input terminals and output terminals of the transformers.
SANS 61558-2-13:2009/ IEC 61558-2-13:2009	<i>Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V – Part 2-13: Particular requirements and tests for auto transformers and power supply units incorporating auto transformers.</i> Applies to stationary or portable, single-phase or polyphase, air-cooled (natural or forced), independent or associated dry-type transformers, having a rated supply voltage not exceeding 1 100 V a.c., a rated supply frequency not exceeding 500 Hz, and a rated output that does not exceed 40 kVA for single-phase transformers and 200 kVA for polyphase transformers.

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 35:2005	<i>Dense shaped refractory bricks.</i>
SANS 281:1972	<i>Hardwood block and strip flooring.</i>
SANS 526:1974	<i>Wrappers for citrus and deciduous fruit.</i>
SANS 978:2008	<i>Wood mosaic flooring.</i>
SABS 1386:2005	<i>Wooden four-way perimeter base pallets.</i>
SANS 5900:1983	<i>Warpage and squareness of refractory bricks.</i>
SANS 5901:1978	<i>True relative density of refractory materials (Pycnometer method).</i>
SANS 5902:1978	<i>Relative density of refractory materials (Rees-Hugill flask method).</i>
SANS 5903:1978	<i>Bulk density of insulating fibrebricks.</i>
SANS 5904:1979	<i>Bulk density of refractory materials (mercury balance method).</i>
SANS 5905:1978	<i>Bulk density of dense refractory bricks (mercury balance method).</i>
SANS 5907:1978	<i>True porosity of refractory materials.</i>
SANS 5909:1979	<i>Refractoriness under load (with rising temperature) of refractory bricks.</i>
SANS 5911:1979	<i>Permanent change in dimensions on heating of shaped insulating refractory bricks.</i>
SANS 5912:1979	<i>Permanent change in dimensions on heating of shaped dense refractory bricks.</i>
SANS 5913:1980	<i>Cold crushing strength of shaped insulating refractory bricks.</i>
SANS 5914:1980	<i>Cold crushing strength of shaped dense refractory bricks.</i>
SANS 5959:1980	<i>Permeability to air of refractory materials.</i>
SANS 5995:1994	<i>Retention of boron in timber (colorimetric test).</i>

SANS 50440:1994

*Welding consumables – Wire electrodes and deposits for gas shielded metal arc welding of non alloy and fine grain steels – Classification.***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.