

GOVERNMENT NOTICE

GOEWERMENTSKENNISGEWING

DEPARTMENT OF TRADE AND INDUSTRY DEPARTEMENT VAN HANDEL EN NYWERHEID

No. 1397

24 December 2008

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 204-1:2008	<i>Energy efficiency in buildings - Part 1: General requirements.</i> Specifies the requirements for the design and operation of energy efficient buildings with artificial or natural environmental control and their sub-systems. Does not cover government subsidized housing.
SANS 204-2:2008	<i>Energy efficiency in buildings - Part 2: The application of the energy efficiency requirements for buildings with natural environmental control.</i> Specifies the requirements for the design and operation of buildings with natural environmental control systems. Does not cover government subsidized housing.
SANS 204-3:2008	<i>Energy efficiency in buildings - Part 3: The application of the energy efficiency requirements for buildings with artificial ventilation or air conditioning.</i> Sets provisions for satisfying the requirements for the design and operation of buildings with artificial environmental control systems.
SANS 578-2:2008/ ISO 10245-2:1994	<i>Cranes - Limiting and indicating devices - Part 2: Mobile cranes.</i> Specifies the requirements for devices that limit or indicate (or both) the loads, motions, performance and environment of mobile cranes.
SANS 759:2008/ ISO 1563:1990	<i>Dental alginate impression material.</i> Applies to dental alginate impression materials used in dentistry to take impressions of teeth and tissues of the oral cavity. It specifies requirements for dental materials containing an alginate as an essential gel-forming ingredient, which, after mixing with water in accordance with the manufacturer's instructions, is capable of reacting to form a material suitable for taking impressions.
SANS 1312:2008/ EN 10312:2002	<i>Welded stainless steel tubes for the conveyance of water and other aqueous liquids - Technical delivery conditions.</i> Specifies the delivery conditions for light gauge welded stainless steel tubes, primarily for water application, including water intended for human consumption, supplied in straight lengths and suitable for use with compression fittings or press fittings or for adhesive bonding, silver brazing or inert gas welding of capillary fittings.
SANS 1887-1:2008	<i>Tissue paper - Part 1: General requirements.</i> Covers the general requirements and methods of test for, and conditioning of tissue paper and tissue paper products.
SANS 1887-2:2008	<i>Tissue paper - Part 2: Toilet paper.</i> Covers the construction, dimensional requirements, inspection, packaging, marking and methods of test for four grades of creped toilet paper supplied in rolls.
SANS 1887-3:2008	<i>Tissue paper - Part 3: Facial tissues.</i> Covers the material and dimensional requirements, inspection, packaging, marking and methods of test for tissue paper, in sheet form, for use for facial hygiene.
SANS 1887-4:2008	<i>Tissue paper - Part 4: Paper towels.</i> Covers the construction, dimensional and physical requirements, inspection, packaging, marking and methods of test for two grades of paper towels, in rolls and in sheets, suitable for general and industrial purposes.
SANS 1887-5:2008	<i>Tissue paper - Part 5: Disposable wiping paper (in rolls).</i> Covers the construction, dimensional requirements, inspection, packaging, marking, and methods of test for three types of tissue paper in rolls, intended for use as wiping paper in industrial, workshop, laboratory, office, agricultural and other environments where hands and tools and other equipment need to be wiped, cleaned or dried.
SANS 1887-6:2008	<i>Tissue paper - Part 6: Paper dressing (medical) towels.</i> Covers the construction, dimensional and physical requirements, inspection, packaging, marking, and methods of test for disposable paper dressing (medical) towels of two-ply construction, in rolls or individually folded, for nursing applications such as hand drying and the protection of bed sheets during the dressing of wounds. The towels are not intended for sterilization purposes.
SANS 1887-7:2008	<i>Tissue paper - Part 7: Paper serviettes.</i> Covers the construction, dimensional and physical requirements, inspection, packaging, marking and methods of test for two types of paper serviettes. Type 1 intended for use as a soft absorbent dinner napkin and Type 2 primarily intended for use as a non-absorbent dinner napkin.

Standard No. and year	Title, scope and purport
SANS 1887-8:2008	<i>Tissue paper – Part 8: Paper-towel rolls for centre-feed dispensing devices.</i> Covers rolls of paper towels for centre-feed dispensing devices.
SANS 1887-9:2008	<i>Tissue paper – Part 9: Wrappers for citrus and deciduous fruit.</i> Covers paper wrappers intended for citrus and deciduous fruit.
SANS 2001-BE1:2008	<i>Construction works – Part BE1: Earthworks (general).</i> Establishes construction requirements for the excavation, filling, compaction and finishing of general excavations for buildings, bridges and structures, terracing, landscaping and private railway sidings, carried out with heavy construction equipment or light construction equipment, or by hand.
SANS 2001-BS1:2008	<i>Construction works – Part BS1: Site clearance.</i> Establishes construction requirements for the removal of vegetation and surface and subsurface obstructions from any construction site, the clearing out of existing hydraulic structures and the improvement of sight distances on roadways.
SANS 2001-DP1:2008	<i>Construction works – Part DP1: Earthworks for buried pipelines and prefabricated culverts.</i> Establishes construction requirements for earthworks for all types and sizes of buried pipes, ducts, cables and prefabricated culverts, including excavation, preparation of trench bottoms, the bedding and backfilling of trenches and the reinstatement of surfaces.
SANS 3950:2008/ ISO 3950:1995	<i>Dentistry – Designation system for teeth and areas of the oral cavity.</i> Provides a system for designating teeth or areas of the oral cavity using two digits. It also provides a system for designating surfaces of the teeth using letters of the alphabet.
SANS 4633:2008/ ISO 4633:2002	<i>Rubber seals – Joint rings for water supply, drainage and sewerage pipelines – Specification for materials.</i> Specifies requirements for materials used in vulcanized rubber seals for cold drinking-water supplies (up to 50 degrees celsius), and drainage, sewerage and rainwater systems (continuous flow up to 45 degrees celsius and intermittent flow up to 95 degrees celsius).
SANS 6873:2008/ ISO 6873:1998	<i>Dental gypsum products.</i> Gives a classification of, and specifies requirements for, gypsum products used for dental purposes such as making oral impressions, moulds, casts or dies. It specifies the test methods to be employed to determine compliance with these requirements. It also includes requirements for the labelling of packaging and for adequate instructions to accompany each package.
SANS 7840:2008/ ISO 7840:2004	<i>Small craft – Fire-resistant fuel hoses.</i> Specifies general requirements and physical tests for fire-resistant hoses for conveying petrol and diesel oil, designed for a working pressure not exceeding 0,34 MPa for hoses with nominal bore up to and including 10 mm and 0,25 MPa for hoses with larger bore in craft of hull length up to 24 m. Applies to hoses for small craft with permanently installed fuel systems. Does not apply to hoses entirely within the splash well at the stern of the craft connected directly to an outboard engine.
SANS 8665:2008/ ISO 8665:2006	<i>Small craft – Marine propulsion reciprocating internal combustion engines – Power measurements and declarations.</i> Specifies the requirements additional to ISO 15550 for determining the power of marine propulsion reciprocating internal combustion (RIC) engines when presented for documenting and checking of the declared (rated) power published by the manufacturer. Applies to engines used for propulsion of recreational craft and other small craft of up to 24 m hull length.
SANS 8666:2008/ ISO 8666:2002	<i>Small craft – Principal data.</i> Establishes uniformity of definitions of main dimensions and related data, and of mass specifications and loading conditions. Applies to small craft of hull length up to 24 m.
SANS 8846:2008/ ISO 8846:1990	<i>Small craft – Electrical devices – Protection against ignition of surrounding flammable gases.</i> Describes test methods and requirements for the design of electrical devices to be used on small craft so that they may be operated in an explosive atmosphere without igniting surrounding flammable gases. Does not cover ignition protection procedures for products or components that may operate in hydrogen and air mixtures, nor mechanisms of ignition from external sources, such as static electricity, lightning or other factors not related to the apparatus under test.
SANS 8847:2008/ ISO 8847:2004	<i>Small craft – Steering gear – Cable and pulley systems.</i> Specifies the minimum level of requirements for operation, construction and installation of cable and pulley steering systems on sailing craft of hull length up to 24 m, with or without an auxiliary engine. Sets requirements for the design and construction of all components of a steering system from the wheel to, and including, the steering arm. Applies only to cable and pulley steering systems, whether for pedestal or bulkhead types.
SANS 8849:2008/ ISO 8849:2003	<i>Small craft – Electrically operated direct-current bilge pumps.</i> Specifies requirements for electrically operated direct-current bilge pumps intended for use in removing bilge water from small craft of hull length up to 24 m. Applies to electrically operated bilge pumps rated for less than 50 V direct current. Does not cover pumps intended for damage control.
SANS 9093-1:2008/ ISO 9093-1:1994	<i>Small craft – Seacocks and through-hull fittings – Part 1: Metallic.</i> Specifies requirements for metallic through-hull fittings, seacocks and hose fittings that specifically form part of water intake and discharge lines, and for wet exhaust outlets used in small craft of hull length up to 24 m.
SANS 9093-2:2008/ ISO 9093-2:2002	<i>Small craft – Seacocks and through-hull fittings – Part 2: Non-metallic.</i> Specifies requirements for the manufacture and installation of non-metallic through-hull fittings or assemblies (or both) comprising through-hull fittings, seacocks, hose fittings and/or drain plugs and components attached thereto, used in small craft of hull length up to 24 m. Is not applicable to engine exhaust fittings or sail drive through-hull connections.
SANS 9094-1:2008/ ISO 9094-1:2003	<i>Small craft – Fire protection – Part 1: Craft with a hull length of up to and including 15 m.</i> Defines procedures to achieve a practical degree of fire protection, specifies portable fire-fighting equipment and sets requirements for fixed fire-fighting systems. Applies to small craft of all types with a hull length, LH, not exceeding 15 m. Does not cover personal watercraft.
SANS 9094-2:2008/ ISO 9094-2:2002	<i>Small craft – Fire protection – Part 2: Craft with a hull length of over 15 m.</i> Defines procedures to achieve a practical degree of fire protection, specifies portable fire-fighting equipment and sets requirements for fixed fire-fighting systems. Applies to small craft of all types with a hull length, LH, greater than 15 m and up to and including 24 m.
SANS 9097:2008/ ISO 9097:1991	<i>Small craft – Electric fans.</i> Specifies requirements and describes test methods for measuring the airflow of fans intended for use in engine compartments, galley areas and other spaces on small craft in which mechanical ventilation is desirable. Applies to electrically operated fans rated for less than 50 V direct current.

Standard No. and year	Title, scope and purport
SANS 9459-2:2008/ ISO 9459-2:1995	<i>Solar heating – Domestic water heating systems – Part 2: Outdoor test methods for system performance characterization and yearly performance prediction of solar-only systems.</i> Establishes test procedures for characterizing the performance of solar domestic water heating systems.
SANS 11105:2008/ ISO 11105:1997	<i>Small craft – Ventilation of petrol engine and/or petrol tank compartments.</i> Specifies requirements for ventilation of petrol engine and petrol tank compartments in small craft of up to 24 m length of hull, having petrol engines for propulsion, electrical generation or mechanical power, to prevent accumulation of explosive gases in these compartments. Does not cover personal watercraft.
SANS 12215-3:2008/ ISO 12215-3:2002	<i>Small craft – Hull construction and scantlings – Part 3: Materials: Steel, aluminium alloys, wood, other materials.</i> Specifies requirements for materials intended for use in the construction of the hull, superstructure and appendages, in particular weldable normal and higher strength hot-rolled steel plates, wide flats, sections and bars, austenitic stainless steels, fabricated in the form of plates or profiles, wrought aluminium alloys fabricated as plates, sections and extruded profiles, wood in the form of solid timber, plywood or veneer, other suitable materials. Applies to small craft with a length hull (LH) of up to 24 m.
SANS 12217-2:2008/ ISO 12217-2:2002	<i>Small craft – Stability and buoyancy assessment and categorization – Part 2: Sailing boats of hull length greater than or equal to 6 m.</i> Specifies methods for evaluating the stability and buoyancy of intact (i.e. undamaged) boats. Covers the flotation characteristics of boats vulnerable to swamping. Applies to boats propelled primarily by sail (even if fitted with an auxiliary engine) of 6 m up to and including 24 m hull length. Does not cover inflatable and rigid-inflatable boats up to 8 m, and canoes, kayaks or other boats with a beam of less than 1,1 m. Does not include or evaluate the effects on stability of towing, fishing, dredging or lifting operations, which should be separately considered, if appropriate.
SANS 12401:2008/ ISO 12401:2004	<i>Small craft – Deck safety harness and safety line for use on recreational craft – Safety requirements and test methods.</i> Specifies the requirements for performance, sizing, marking and test methods for deck safety harnesses and safety lines. Applies to harnesses and lines intended to be worn by all persons when in the exposed cockpit or on the working deck of a recreational vessel afloat. Does not apply to dinghy "trapeze" harnesses, windsurfing harnesses, seat harnesses for fast motor boats or harnesses intended to protect against fall from a height.
SANS 13342:2008/ ISO 13342:1995	<i>Small craft – Static thrust measurement for outboard motors.</i> Specifies the method for measuring and declaring the forward and reverse thrust of outboard motors in a stationary situation to determine if start-in gear protection is required.
SANS 13591:2008/ ISO 13591:1997	<i>Small craft – Portable fuel systems for outboard motors.</i> Specifies requirements for the design, materials and testing of portable fuel systems with a rated capacity of 27 L or less for carrying and storage of flammable liquids used for outboard motors installed on small craft with up to 24 m length of hull. Does not apply to pressurized fuel systems.
SANS 13592:2008/ ISO 13592:1998	<i>Small craft – Backfire flame control for petrol engines.</i> Specifies the minimum requirements for construction and testing of engines and devices to prevent the propagation of backfire flames from permanently installed inboard petrol engines to the surrounding atmosphere in small craft of length of the hull up to and including 24 m.
SANS 14227:2008/ ISO 14227:2001	<i>Small craft – Magnetic compasses.</i> Specifies the general requirements for the construction and the performance of type tests of magnetic compasses on board small craft of hull length up to 24 m. Does not cover dry card compasses.
SANS 14356:2008/ ISO 14356:2003	<i>Dentistry – Duplicating material.</i> Specifies requirements and tests for the duplicating materials used in dentistry which are primarily intended for forming flexible moulds needed to produce positive refractory investment copies of properly blocked-out master models.
SANS 15426-2:2008/ ISO/IEC 15426-2:2005	<i>Information technology – Automatic identification and data capture techniques – Bar code verifier conformance specification – Part 2: Two-dimensional symbols.</i> Defines test methods and minimum accuracy criteria applicable to verifiers using the methodologies of ISO/IEC 15415 for multi-row bar code symbols and two-dimensional matrix symbologies, and specifies reference calibration standards against which these should be tested. It provides for testing of representative samples of the equipment.
SANS 15434:2008/ ISO/IEC 15434:2006	<i>Information technology – Automatic identification and data capture techniques – Syntax for high-capacity ADC media.</i> Defines the manner in which data is transferred to high-capacity automatic data capture (ADC) media from a supplier's information system and the manner in which data is transferred to the recipient's information system. It does not define the internal data storage format for specific high-capacity ADC media, nor does it specify the application of data structures provided by a specific data syntax format. The application of the data structure is specified by industry conventions.
SANS 15438:2008/ ISO/IEC 15438:2006	<i>Information technology – Automatic identification and data capture techniques – PDF417 bar code symbology specification.</i> Specifies the requirements for the bar code symbology known as PDF417. It specifies PDF417 symbology characteristics, data character encodation, symbol formats, dimensions, error correction rules, reference decoding algorithm, and a number of application parameters.
SANS 15854:2008/ ISO 15854:2005	<i>Dentistry – Casting and baseplate waxes.</i> Applicable to dental casting wax and to dental baseplate wax. It specifies the classification of, and requirements for, dental casting wax and baseplate wax together with the test methods to be employed to determine compliance with these requirements.
SANS 15963:2008/ ISO/IEC 15963:2004	<i>Information technology – Radio frequency identification for item management – Unique identification for RF tags.</i> Describes numbering systems that are available for the identification of RF tags. A unique ID is required as part of the write operation to RFID tags. The unique ID guarantees that the information written to a tag is unambiguously written to the correct data carrier (tag). A unique ID is also required in many read situations where the contents of the tag are tied to a specific item and that item needs to be unambiguously identified.
SANS 16022:2008/ ISO/IEC 16022:2006	<i>Information technology – Automatic identification and data capture techniques – Data Matrix bar code symbology specification.</i> Describes numbering systems that are available for the identification of RF tags. A unique ID is required as part of the write operation to RFID tags. The unique ID guarantees that the information written to a tag is unambiguously written to the correct data carrier (tag). A unique ID is also required in many read situations where the contents of the tag are tied to a specific item and that item needs to be unambiguously identified.

Standard No. and year	Title, scope and purport
SANS 16388:2008/ ISO/IEC 16388:2007	<i>Information technology – Automatic identification and data capture techniques – Code 39 bar code symbology specification.</i> Specifies the requirements for the bar code symbology known as Code 39; it specifies Code 39 symbology characteristics, data character encodation, dimensions, tolerances, decoding algorithms and application-defined parameters. It also specifies the Symbology Identifier prefix strings for Code 39 symbols.
SANS 16649-3:2008/ ISO/TS 16649-3:2005	<i>Microbiology of food and animal feeding stuffs – Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli – Part 3: Most probable number technique using 5-bromo-4-chloro-3-indolyl-beta-D-glucuronide.</i> Specifies a horizontal method for the enumeration of β -glucuronidase-positive <i>Escherichia coli</i> , by means of the liquid-medium culture technique and calculation of the most probable number (MPN) after incubation at 37 °C, then at 44 °C. It is applicable to products intended for human consumption and the feeding of animals, and to environmental samples in the area of food production and food handling.
SANS 17381:2008/ ISO 17381:2003	<i>Water quality – Selection and application of ready-to-use test kit methods in water analysis. Gives guidance on the selection, and requirements for the application, of ready-to-use methods in water analysis.</i> Deals with the practical aspects concerning quantitative ready-to-use methods. Statistical evaluations for establishing the equivalence of ready-to-use methods and standard methods are only mentioned briefly. It also lists requirements for the producers of these tests, concerning safety and environmental aspects as well as handling and a description of ready-to-use methods.
SANS 18001:2008/ ISO/IEC TR 18001:2004	<i>Information technology – Radio frequency identification for item management – Application requirements profiles.</i> Provides an explanation of some of the issues associated with the parameters of distance and number of tags within an RFID interrogator's field-of-view, a means by which classification of RF tags may be accomplished based on the application requirements defined in the survey results and recommendations for areas of standardization to the parent committee (ISO/IEC JTC 1/SC 31/WG 4) based on the results of these surveys.
SANS 18004:2008/ ISO/IEC 18004:2006	<i>Information technology – Automatic identification and data capture techniques – QR Code 2005 bar code symbology specification.</i> Defines the requirements for the symbology known as QR Code 2005. It specifies the QR Code 2005 symbology characteristics, data character encoding methods, symbol formats, dimensional characteristics, error correction rules, reference decoding algorithm, production quality requirements, and user-selectable application parameters, and lists in an informative annex the features of QR Code Model 1 symbols which differ from QR Code 2005.
SANS 18047-2:2008/ ISO/IEC TR 18047-2:2006	<i>Information technology – Radio frequency identification device conformance test methods – Part 2: Test methods for air interface communications below 135 kHz.</i> Defines test methods for determining the conformance of radio frequency identification devices (tags and interrogators) for item management with the specifications given in ISO/IEC 18000-2, but does not apply to the testing of conformity with regulatory or similar requirements. The test methods require only that the mandatory functions, and any optional functions which are implemented, be verified.
SANS 19782:2008/ ISO/IEC TR 19782:2006	<i>Information technology – Automatic identification and data capture techniques – Effects of gloss and low substrate opacity on reading of bar code symbols.</i> Defines methods of measurement for gloss and opacity; it identifies conditions and values that present a risk of reading problems and provides recommendations to users on the specification of substrates and the set-up of scanning systems to minimize these problems. It also addresses the relationship between verification results and read performance when either or both of the factors are present. It gives guidelines to deal with the effects of substrate gloss and/or low opacity on the performance of bar code symbols when scanned by reading and verification systems. Provides a means for the production of reproducible measurements.
SANS 20712-1:2008/ ISO 20712-1:2008	<i>Water safety signs and beach safety flags – Part 1: Specifications for water safety signs used in workplaces and public areas.</i> Prescribes water safety signs intended for use in connection with the aquatic environment. It is intended for use by owners and operators of aquatic environments and by manufacturers of signs and equipment. It is not applicable to signalling used for maritime traffic.
SANS 22112:2008/ ISO 22112:2005	<i>Dentistry – Artificial teeth for dental prostheses.</i> Specifies the classification, requirements, and test methods for synthetic polymer and ceramic teeth that are manufactured for use in prostheses used in dentistry.
SANS 22674:2008/ ISO 22674:2006	<i>Dentistry – Metallic materials for fixed and removable restorations and appliances.</i> Classifies metallic materials that are suitable for the fabrication of dental appliances and restorations, including metallic materials recommended for use either with or without a ceramic veneer, or recommended for both uses, and specifies their requirements. It further specifies requirements with respect to packaging and marking the products and to the instructions to be supplied for the use of these materials.
SAANS 24234:2008/ ISO 24234:2004	<i>Dentistry – Mercury and alloys for dental amalgam.</i> Specifies the requirements and test methods for alloys and mercury suitable for the preparation of dental amalgam, together with the requirements and test methods for that amalgam and the requirements for packaging and marking. It is applicable to alloys in the following forms: Powder in bulk; compressed powder tablet(s); powder in predosed capsules. It is applicable to dental mercury supplied in bulk, predosed sachets, or in predosed capsules. The supply of alloy or mercury separately is not excluded. It is not applicable to alloys intended for use with liquid metals that are not mercury, nor to liquid metal alloys.
SANS 24710:2008/ ISO/IEC TR 24710:2005	<i>Information technology – Radio frequency identification for item management – Elementary tag licence plate functionality for ISO/IEC 18000 air interface definitions.</i> Assists users intending to implement ISO/IEC 18000 RFID air interface standards, with particular focus on so-called elementary tags, i.e. tags possessing limited memory – typically but not exclusively 256 bits or less – and lacking write capability (but not excluding WORM devices). Defines for each of ISO/IEC 18000-2, -3, -4, -6 and -7, and, where relevant, for each Mode within each part, a transaction that achieves an elementary tag 'identification data element' for item identification and management.

Standard No. and year	Title, scope and purport
SANS 24728:2008/ ISO/IEC 24728:2006	<i>Information technology – Automatic identification and data capture techniques – MicroPDF417 bar code symbology specification.</i> Specifies the requirements for the bar code symbology known as MicroPDF417. It specifies the MicroPDF417 symbology characteristics, data character encodation, symbol formats, dimensions, error correction rules, decoding algorithm, and a number of application parameters. MicroPDF417 is a multi-row symbology, derived from and closely based on PDF417. MicroPDF417 is designed for applications with a need for improved area efficiency but without the requirement for PDF417's maximum data capacity.
SANS 24730-1:2008/ ISO/IEC 24730-1:2006	<i>Information technology – Real-time locating systems (RTLS) – Part 1: Application program interface (API).</i> Defines two air interface protocols and a single application program interface (API) for real-time locating systems (RTLS) for use in asset management and is intended to allow for compatibility and to encourage interoperability of products for the growing RTLS market. The RTLS API, establishes a technical standard for RTLS and to be fully compliant with this standard, RTLS must comply with ISO/IEC 24730-1:2006 and at least one air interface protocol defined in ISO/IEC 24730. RTLS are wireless systems with the ability to locate the position of an item anywhere in a defined space (local/campus, wide area/regional, global) at a point in time that is, or is close to, real time.
SANS 24730-2:2008/ ISO/IEC 24730-2:2006	<i>Information technology – Real-time locating systems (RTLS) – Part 2: 2,4 GHz air interface protocol.</i> Specifies the air interface for a system that locates an asset in a controlled area, e.g. warehouse, campus, airport (area of interest is instrumented) – accuracy to 3 m. It defines the air interface protocol needed for the creation of an RTLS system. The 2,4 GHz air interface protocol, establishes a technical standard for real-time locating systems that operate at an internationally available 2,4 GHz frequency band and that are intended to provide approximate location with frequent updates (for example, several times a minute).
SANS 24778:2008/ ISO/IEC 24778:2008	<i>Information technology – Automatic identification and data capture techniques – Aztec Code bar code symbology specification.</i> Defines the requirements for the Aztec Code symbology (Aztec Code is a two-dimensional matrix symbology whose symbols are nominally square, made up of square modules on a square grid, with a square bullseye pattern at their centre). It specifies the Aztec Code symbology characteristics including data character encodation, rules for error control encoding, the graphical symbol structure, symbol dimensions and print quality requirements, a reference decoding algorithm, and user-selectable application parameters.
SANS 27687:2008/ ISO/TS 27687:2008	<i>Nanotechnologies – Terminology and definitions for nano-objects – Nanoparticle, nanofibre and nanoplate.</i> Lists unambiguous terms and definitions related to particles in the field of nanotechnologies. It is intended to facilitate communications between organizations and individuals in industry and those who interact with them.
SANS 51124-4:2008/ EN 1124-4:2005	<i>Pipes and fittings of longitudinally welded stainless steel pipes with spigot and socket for waste water systems – Part 4: Components for vacuum drainage systems and for drainage systems on ships.</i> Specifies requirements, dimensions and tolerances for pipes and fittings of longitudinally welded, stainless steel pipe with spigot and socket used for vacuum drainage systems on ships and floating maritime structures.
SANS 53306:2008/ EN 13306:2001	<i>Maintenance terminology.</i> Specifies generic terms and definitions for the technical, administrative and managerial areas of maintenance. It is not intended to be applicable to terms which are used for the maintenance of software only.
SANS 61641:2008/ IEC/TR 61641:2008	<i>Enclosed low-voltage switchgear and controlgear assemblies – Guide for testing under conditions of arcing due to internal fault.</i> Gives guidance on the method of testing of enclosed low-voltage switchgear and controlgear assemblies under conditions of arcing in air due to an internal fault.
SANS 61936-1:2008/ IEC 61936-1:2002	<i>Power installations exceeding 1 kV a.c. – Part 1: Common rules.</i> Provides, in a convenient form, common rules for the design and the erection of electrical power installations in systems with nominal voltages above 1 kV a.c. and nominal frequency up to and including 60 Hz, so as to provide safety and proper functioning for the use intended.
SANS 62040-1:2008/ IEC 62040-1:2008	<i>Uninterruptible power systems (UPS) – Part 1: General and safety requirements for UPS.</i> Applies to uninterruptible power systems (UPS) with an electrical energy storage device in the d.c. link.
SANS 62271-304:2008/ IEC/TS 62271-304:2008	<i>High-voltage switchgear and controlgear – Part 304: Design classes for indoor enclosed switchgear and controlgear for rated voltages above 1 kV up to and including 52 kV to be used in severe climatic conditions.</i> Applies to indoor enclosed switchgear and controlgear complying with IEC 62271-200 and IEC 62271-201 (published in South Africa as identical adoptions under the designations SANS 62271-200 and SANS 62271-201), intended to be used in service conditions more severe with respect to condensation and pollution than the normal service conditions specified in IEC 62271-1 (published in South Africa as an identical adoption under the designation SANS 62271-1).
SANS 62371:2008/ IEC/TS 62371:2008	<i>Characteristics of hollow pressurised and unpressurised ceramic and glass insulators for use in electrical equipment with rated voltages greater than 1 000 V.</i> Applies to ceramic and glass hollow insulators intended for general use in electrical equipment and ceramic hollow insulators intended for use with a permanent gas pressure in switchgear and controlgear.

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 43:2008/ ISO 540:2008 (SABS ISO 540:2008)	<i>Hard coal and coke – Determination of ash fusibility.</i> Specifies a method of determining the characteristic fusion temperatures of ash from coal and coke

Standard No. and year	Title, scope and purport
SANS 51:2008/ ISO 580:2005 (SABS ISO 580:1990)	<i>Plastics piping and ducting systems – Injection-moulded thermoplastics fittings – Methods for visually assessing the effects of heating.</i> Specifies two methods for assessing the effects of heating on injection-moulded thermoplastics pipe fittings method A, using an air oven, and method B, using a liquid bath.
SANS 63:2008 (Ed. 5.3)	<i>Blankets. Consolidated edition incorporating amendment No. 3.</i> Amended to include a new type.
SANS 151:2008 (Ed. 6.2)	<i>Fixed electric storage water heaters. Consolidated edition incorporating amendment No. 2.</i> Amended to include water heaters used in conjunction with solar water heating systems and heaters with more than one heated volume in the standard, to add to the capacities and nominal capacities of water containers, and to add to the test for resistance to fatigue.
SANS 182-1:2008 (Ed. 1.2)	<i>Conductors for overhead electrical transmission lines – Part 1: Copper wires and stranded copper conductors. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to delete reference to the standardization mark scheme, to update referenced standards and to correct a definition.
SANS 182-4:2008 (Ed. 1.2)	<i>Conductors for overhead electrical transmission lines – Part 4: Copper-covered steel wire for telecommunication purposes. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to delete the reference to the certification mark scheme and to update referenced standards.
SANS 182-5:2008 (Ed. 1.3)	<i>Conductors for overhead electrical transmission lines – Part 5: Zinc-coated steel wires for conductors and stays. Consolidated edition incorporating amendment No. 3.</i> Amended to change the designation of SABS standards to SANS standards, to delete reference to the standardization mark scheme and to update referenced standards.
SANS 387:2008 (Ed. 2.6)	<i>Hammer heads and hand hammers. Consolidated edition incorporating amendment No. 6.</i> Amended to change the designation of SABS standards to SANS standards, to remove reference to the standardization mark and to update the referenced standards.
SANS 751:2008 (SABS 751:2008)	<i>Burglar-resistant safes.</i> Specifies requirements for eight categories of burglar-resistant safes.
SANS 943:2008 (Ed 2.3)	<i>Man-made fibre ropes. Consolidated edition incorporating amendment No. 3.</i> Amended to change the designation of SABS standards to SANS standards, with no technical changes.
SANS 950:2008 (Ed. 2.2)	<i>Unplasticized polyvinyl chloride rigid conduit and fittings for use in electrical installations.</i> Amended to delete reference to the standardization mark scheme, to update a referenced standard and to add a bibliography.
SANS 1019:2008 (Ed. 2.5)	<i>Standard voltages, currents and insulation levels for electricity supply. Consolidated edition incorporating amendment No. 5.</i> Amended to change the designation of SABS standards to SANS standards and to move references to legislation to the foreword.
SANS 1037:2008 (Ed. 1.3)	<i>Standard transformer bushings. Consolidated edition incorporating amendment No. 3.</i> Amended to change the designation of SABS standards to SANS standards, to update a referenced standard, to remove references to the certification mark scheme, to change requirements for fixing arrangements, for nuts used on a fully threaded stem, and for oil seals.
SANS 1063:2008 (SABS 1063:1998)	<i>Earth rods, couplers and connections.</i> Specifies requirements for metallic earth rods, couplers and connections intended to be driven direct into the ground or installed into predrilled holes as part of an earthing system. Covers copper rods, steel-cored copper rods, copper-electroplated steel rods, stainless steel rods and galvanized steel rods.
SANS 1118-11:2008 (Ed. 1.4)	<i>School clothing – Part 11: Briefs. Consolidated edition incorporating amendment No. 3.</i> Amended to update a referenced standard.
SANS 1118-12:2008 (Ed. 1.3)	<i>School clothing – Part 12: Tracksuits. Consolidated edition incorporating amendment No. 3.</i> Amended to update a referenced standard.
SANS 1118-13:2008 (Ed. 1.4)	<i>School clothing – Part 13: Athletic wear. Consolidated edition incorporating amendment No. 4.</i> Amended to update the referenced standards.
SANS 1143:2008 (Ed. 2.1)	<i>Mushroom- and countersunk-head bolts and nuts. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to update the definition of "acceptable".
SANS 1259:2008 (Ed. 1.1)	<i>Dental casting gold alloys. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update referenced standards and to update the definition of "acceptable".
SANS 1288:2008 (Ed. 3.2)	<i>Preservative-treated timber. Consolidated edition incorporating amendment No. 2.</i> Amended to update a referenced standard, to add definitions and to modify the numbering thereof, and to update tables 1 and 2.
SANS 1312:2008/ EN 10312:2002	<i>Welded stainless steel tubes for the conveyance of water and other aqueous liquids – Technical delivery conditions. EN amendment No. 1.</i> Amended to update scope, title, factory production control and provisions of the EU Construction Products Directive.
SANS 1354:2008 (Ed. 1.4)	<i>Screwdrivers for cross-recessed-head screws. Consolidated edition incorporating amendment No. 4.</i> Amended to change the designation of SABS standards to SANS standards and to update the definition of "acceptable" and referenced standards.
SANS 1373:2008 (Ed. 1.1)	<i>Chain-link fencing and its wire accessories. 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 delete reference to the standardization mark scheme and to update referenced standards.

Standard No. and year	Title, scope and purport
SANS 1409:2008 (Ed. 1.4)	<i>Outlet sockets and probes for medical (gas and vacuum) services used in hospitals. Consolidated edition incorporating amendment No. 4.</i> Amended to clarify the design of sockets, to replace figure 1, to replace the relevant drawings in table 2 and to update a referenced standard.
SANS 1439:2008 (Ed. 2.4)	<i>Automotive upholstery fabrics. Consolidated edition incorporating amendment No. 4.</i> Amended to update referenced standards.
SANS 1465-1:2008 (Ed. 1.1)	<i>Steel castings for general engineering applications – Part 1: Carbon and low alloy steel 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 referenced standards to delete reference to the standardization mark, and to delete the appendix on related alloys.
SANS 1477-1:2008 (SABS 1477-1:2005)	<i>Pneumatic braking system connections between drawing and drawn vehicles – Part 1: Contact type couplings.</i> Specifies the dimensions required for the correct mating of contact type couplings for connecting the pneumatic braking systems of drawing (towing) vehicles to drawn vehicles (trailers or semi-trailers). Also covers performance and marking requirements and tests for contact type couplings.
SANS 1520-1:2008 (Ed. 1.10)	<i>Flexible electric trailing cables for use in mines – Part 1: Low-voltage (640/1 100 V and 1 900/3 300 V) cables. Consolidated edition incorporating amendment No. 9.</i> Amended to change the designation of SABS standards to SANS standards, to add three-core cables comprising two power cores and one pilot core, to change the definition of "acceptable", to delete reference to the certification mark and to update referenced standards.
SANS 1520-2:2008 (Ed. 1.8)	<i>Flexible electric trailing cables for use in mines – Part 2: High-voltage (3,8/6,6 kV to 19/33 kV) cables. Consolidated edition incorporating amendment No. 8.</i> Amended to change the designation of SABS standards to SANS standards, to change the definition of "acceptable", to delete references to the certification mark and to update referenced standards.
SANS 1652:2008 (Ed. 1.5)	<i>Battery chargers – Industrial type. Consolidated edition incorporating amendment No. 4.</i> Amended to update referenced standards and to add references for the requirements of radio frequency interference and protective devices.
SANS 1653:2008 (Ed. 1.3)	<i>Automotive carpeting. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 1737:2008 (Ed. 1.3)	<i>Body-worn escape type breathing apparatus. Consolidated edition incorporating amendment No. 2.</i> Amended to include, in the introduction, a warning against incorrect usage of the apparatus, to indicate the conditions under which the presence of chemical powder (KO ₂) is unacceptable, to include a requirement that the underground field trial and escape simulation be completed by mine rescue team members, to update the flow chart in annex F and to update a referenced standard.
SANS 1808-5:2008 (Ed. 1.2)	<i>Water supply and distribution system components – Part 5: Flexible connectors. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to update referenced standards, to update the list of parts in the foreword and to insert a table containing the grades of steel.
SANS 1808-9:2008 (Ed. 1.2)	<i>Water supply and distribution system components – Part 9: Metering taps and valves (metallic bodies). Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to update referenced standards, to update the list of parts in the foreword, to insert a table containing the grades of steel and to delete reference to the certification mark.
SANS 1808-16:2008 (Ed. 1.2)	<i>Water supply and distribution system components – Part 16: Drinking fountain taps. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to update referenced standards, to update the list of parts in the foreword, to insert a table containing the grades of steel and to delete reference to the certification mark.
SANS 1925:2008 (Ed. 1.1)	<i>Uniform provisions concerning the approval for the production of retreaded pneumatic tyres for commercial vehicles and their trailers. Consolidated edition incorporating amendment No. 1.</i> Amended to delete reference to South African legislation and the Rubber Manufacturer's Association in the body of the text.
SANS 1926:2008 (Ed. 1.1)	<i>Uniform provisions concerning the approval for the production of retreaded pneumatic tyres for motor vehicles and their trailers. Consolidated edition incorporating amendment No. 1.</i> Amended to delete reference to the Rubber Manufacturer's Association in the body of the text.
SANS 2347:1991/ MPT 1347:1991 (SABS MPT 1347:1991)	<i>Radio interface specification for commercial trunked networks operating in Band III, sub-bands 1 and 2. National amendment No. 2.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 3126:2008/ ISO 3126:2005 (SABS/ISO 3126:1974)	<i>Plastics piping systems – Plastics components – Determination of dimensions.</i> Specifies methods for measurement and/or determination of the dimensions of plastics pipes and fittings and the accuracy of the measurement. Specifies procedures for measuring angles, diameters, lengths, squareness and wall thicknesses for the purposes of checking conformity to geometric limits.
SANS 3581:2008/ ISO 3581:2003 (SABS ISO 3581:1976)	<i>Welding consumables – Covered electrodes for manual metal arc welding of stainless and heat-resisting steels – Classification.</i> Specifies the requirements for classification of covered electrodes, based on the all-weld metal chemical composition, the type of electrode covering and other electrode properties, and the all-weld metal mechanical properties, in the as-weld or heat-treated conditions, for manual metal arc welding of stainless and heat-resisting steels.
SANS 5506:2008 (Ed. 3.1)	<i>Tear resistance of rubber cable sheathing. Consolidated edition incorporating amendment No. 1.</i> Amended to update a referenced standard.

Standard No. and year	Title, scope and purport
SANS 5841:2008 (Ed. 2.1)	Aggregate crushing value of coarse aggregates. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards, update a referenced standard, and change the sieve sizes and a note of reference.
SANS 6243:2008 (Ed. 1.2)	<i>Deleterious clay content of the fines in aggregate (methylene blue adsorption indicator test). Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards and to delete a footnote.
SANS 6579:2003/ ISO 6579:2002 (SABS ISO 6579:2002)	<i>Microbiology of food and animal feeding stuffs – Horizontal method for the detection of Salmonella spp. ISO amendment No. 1.</i> Amended to add annex D which is applicable to the detection of Salmonella spp. in animal faeces and in environmental samples from the primary production stage. <i>IEC corrigendum No. 1.</i> Changed to replace "8,2 ± 0,2 at 25 °C" by "8,0 ± 0,2 at 25 °C" in B.3.1.2.
SANS 6887-4:2004/ ISO 6887-4:2003	<i>Microbiology of food and animal feeding stuffs – Preparation of test samples, initial suspension and decimal dilutions for microbiological examination – Part 4: Specific rules for the preparation of products other than milk and milk products, meat and meat products, and fish and fishery products. ISO corrigendum No. 1.</i> Changed to replace "K2SO4" by "K2SO3" in 9.5.4.4.
SANS 9852:2008/ ISO 9852:2007 (SABS ISO 9852:1995)	<i>Unplasticized poly(vinyl chloride) (PVC-U) pipes – Dichloromethane resistance at specified temperature (DCMT) – Test method.</i> Specifies a method for determining the resistance of unplasticized poly(vinyl chloride) (PVC-U) pipes to dichloromethane at a specified temperature (DCMT). Applicable to all PVC-U pipes, irrespective of their intended use. Can be used as a rapid means of quality control during manufacture.
SANS 10142-1:2008 (Ed. 1.6)	<i>The wiring of premises – Part 1: Low-voltage installations. Consolidated edition incorporating amendment No. 6.</i> Amended to update referenced standards, to change requirements for busbar systems, surge protective devices (SPDs) and circuit-breakers, to modify requirements for medical locations, and to add requirements for the connection of generating sets and other alternative sources of supply to an electrical installation.
SANS 10213:2008 (SABS 0213:1997)	<i>The installation and safe use of ethylene oxide (EO) sterilizers in healthcare facilities and in industry.</i> Covers the procedure for the installation of ethylene oxide (EO) sterilizers and the safety precautions and system management necessary for the safe use of EO sterilizers in healthcare facilities and in industry.
SANS 10508:2008/ ISO 10508:2006	<i>Plastics piping systems for hot and cold water installations – Guidance for classification and design.</i> Gives guidance for the classification and design of hot and cold water pressure systems which use plastics pipes and plastics or metal fittings.
SANS 11426:2008/ ISO 11426:1997 (SABS ISO 11426:1993)	<i>Determination of gold in gold jewellery alloys – Cupellation method (fire assay).</i> Specifies a cupellation method (fire assay) for the determination of gold in gold jewellery alloys. The procedure is applicable specifically to gold alloys incorporating silver, copper and zinc. This method is intended to be used as the reference method for the determination of fineness in alloys covered by ISO 9202.
SANS 15417:2008/ ISO/IEC 15417:2007	<i>Information technology – Automatic identification and data capture techniques – Code 128 bar code symbology specification.</i> Specifies the requirements for the bar code symbology known as Code 128. It specifies Code 128 symbology characteristics, data character encodation, dimensions, decoding algorithms and the parameters to be defined by applications. It specifies the symbology identifier prefix strings for Code 128 symbols.
SANS 15426-2:2008/ ISO/IEC 15426-2:2005	<i>Information technology – Automatic identification and data capture techniques – Bar code verifier conformance specification – Part 2: Two-dimensional symbols. IEC corrigendum No. 1.</i> This corrigendum replaces examples of test symbols for Data Matrix (ISO/IEC 16022) and QR code (ISO/IEC 18004) that are defined. Table A.2 and Figure A.3 supersede previous ISO/IEC 15426-2:2005 detail.
SANS 20108:1998/ ECE R108:1998	<i>Uniform provisions concerning the approval for the production of retreaded pneumatic tyres for motor vehicles and their trailers. ECE corrigendum No. 1.</i> Applies to the French text only. <i>ECE amendment No. 2.</i> Amended to add text to certain definitions, to add a definition for "tyre to rim fitment configuration", to add requirements in the clause on marking (clause 3), and to change the annex on arrangement of retread tyre markings (annex 3). <i>National amendment No. 2.</i> Amended to add a warning on the cover, and to add information to the national foreword that relates to the compulsory introduction of this standard. <i>ECE corrigendum No. 2.</i> Corrected to add steps to the test procedure in the annex on load/speed endurance tests (annex 7).
SANS 20109:1998/ ECE R 109:1998 (SABS ECE R 109:1998)	<i>Uniform provisions concerning the approval for the production of retreaded pneumatic tyres for commercial vehicles and their trailers. ECE amendment No. 3.</i> Amended to change and to add certain definitions, to add requirements in the subclauses on markings (3.2.12 to 3.2.15), to change and to add certain requirements in the clause on specifications (clause 7), and to change requirements in the annex on arrangement of retread tyre markings (annex 3) and procedure for load/speed endurance tests (in principle in accordance with regulation no. 54). <i>ECE amendment No. 4.</i> Amended to change footnote 8 to 5.8.1, which gives the distinguishing numbers of countries that have granted approval, and to change requirements on inspection (6.5.4), and specifications (7.1.4.2). <i>National amendment No. 2.</i> Amended to add information to the national foreword that relates to the compulsory introduction of this standard and to add a warning on the cover.
SANS 50362:2008/ EN 362:2004 (SABS EN 362:1992)	<i>Personal protective equipment against falls from a height – Connectors.</i> Specifies the requirements, test methods, instructions for use and marking for connectors.
SANS 50365:2008/ EN 365:2004 (SABS EN 365:1992)	<i>Personal protective equipment against falls from a height – General requirements for instructions for use, maintenance, periodic examination, repair, marking and packaging.</i> States the general requirements for instructions for use and for marking of equipment for protection against falls from heights. <i>EN corrigendum No. 1.</i> Corrected to change a numerical reference under "Records".

Standard No. and year	Title, scope and purport
SANS 50576:2008/ EN 576:2003 (SABS EN 576:1995)	<i>Aluminium and aluminium alloys – Unalloyed aluminium ingots for remelting – Specifications.</i> Specifies the requirements for grades of unalloyed and refined aluminium ingots intended for remelting. Specifies the classifications and designations applicable to these grades, the conditions in which they are produced, their properties and the marks by which they are identified.
SANS 50601:2008/ EN 601:2004 (SABS EN 601:1994)	<i>Aluminium and aluminium alloys – Castings – Chemical composition of castings for use in contact with food.</i> Specifies the maximum percentage content of alloying elements and impurities in aluminium and aluminium alloy cast materials and articles designed to be in contact with food.
SANS 51780-1:2008/ EN 1780-1:2002 (SABS EN 1780-1:1996)	<i>Aluminium and aluminium alloys – Designation of alloyed aluminium ingots for remelting, master alloys and castings – Part 1: Numerical designation system.</i> Specifies a five-figure numerical designation system for aluminium alloys and master alloys. Applies to ingots for remelting and to castings for all applications including aerospace.
SANS 51780-2:2008/ EN 1780-2:2002 (SABS EN 1780-2:1996)	<i>Aluminium and aluminium alloys – Designation of alloyed aluminium ingots for remelting, master alloys and castings – Part 2: Chemical symbol based designation system.</i> Specifies a chemical symbol based designation system for aluminium alloys and master alloys. Applies to ingots for remelting and to castings.
SANS 51780-3:2008/ EN 1780-3:2002 (SABS EN 1780-3:1996)	<i>Aluminium and aluminium alloys – Designation of alloyed aluminium ingots for remelting, master alloys and castings – Part 3: Writing rules for chemical composition.</i> Specifies the writing rules for chemical composition of alloyed aluminium ingots for remelting, master alloys and castings.
SANS 60065:2008 (Ed. 3.1)	<i>Audio, video and similar electronic apparatus – Safety requirements. Consolidated edition incorporating amendment No. 1.</i> Amended to add normative references, to include requirements for electronic flash apparatus for photographic purposes, to add instructions and a warning for the safe use of apparatus, to add a test for protection against electric shock and to add and change requirements for fault conditions, determination of operating voltage clearances, components, terminals, stability and mechanical hazards, and resistance to fire, and to add referenced standards to the bibliography.
SANS 60282-2:2008/ IEC 60282-2:2008 (SABS IEC 60282-2:2004)	<i>High-voltage fuses – Part 2: Expulsion fuses.</i> Specifies requirements for expulsion fuses designed for use outdoors or indoors on alternating current systems of 50 Hz and 60 Hz, and of rated voltages exceeding 1 000 V.
SANS 60335-2-62:2008/ IEC 60335-2-62:2008 (Ed. 3.1)	<i>Household and similar electrical appliances – Safety – Part 2-62: Particular requirements for commercial electric rinsing sinks. Consolidated edition incorporating amendment No. 1.</i> Amended to change the introduction, classification, marking and instructions, the construction to amplify thermal cut-outs, and to add a referenced standard to the bibliography.
SANS 60730-2-9:2008/ IEC 60730-2-9:2008	<i>Automatic electrical controls for household and similar use – Part 2-9: Particular requirements for temperature sensing controls.</i> Applies to automatic electrical temperature sensing controls for use in, on or in association with equipment for household and similar use, including electrical controls for heating, air-conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof.
SANS 60745-2-18:2008/ IEC 60745-2-18:2008 (Ed. 1.1)	<i>Hand-held motor-operated electric tools – Safety – Part 2-18: Particular requirements for strapping tools. Consolidated edition incorporating amendment No. 1.</i> Amended to change the scope and requirements for mechanical strength and construction, and to do editorial corrections.
SANS 61109:2008/ IEC 61109:2008	<i>Insulators for overhead lines – Composite suspension and tension insulators for a.c. systems with a nominal voltage greater than 1 000 V – Definitions, test methods and acceptance criteria.</i> Applies to composite suspension/tension insulators consisting of a load-bearing cylindrical insulating solid core consisting of fibres – usually glass – in a resin-based matrix, a housing (outside the insulating core) made of polymeric material and end fittings permanently attached to the insulating core.
SANS 61386-1:2008/ IEC 61386-1:2008-11-03(SABS IEC 61386-1:1996)	<i>Conduit systems for cable management – Part 1: General requirements.</i> Specifies requirements and tests for conduit systems, including conduits and conduit fittings, for the protection and management of insulated conductors and/or cables in electrical installations or in communication systems up to 1 000 V a.c. and/or 1 500 V d.c. Applies to metallic, non-metallic and composite conduit systems, including threaded and non-threaded entries which terminate the system.
SANS 61952:2008/ IEC 61952:2008	<i>Insulators for overhead lines – Composite line post insulators for A.C. systems with a nominal voltage greater than 1 000 V – Definitions, test methods and acceptance criteria.</i> Applies to composite line post insulators consisting of a load-bearing cylindrical insulating solid core consisting of fibres – usually glass – in a resin-based matrix, a housing (outside the insulating core) made of polymeric material and end fittings permanently attached to the insulating core.
SANS 62040-1:2008/ IEC 62040-1:2008	<i>Uninterruptible power systems (UPS) – Part 1: General and safety requirements for UPS. IEC corrigendum No. 1.</i> Corrected to delete "apparent power" from the second bullet in 4.7.2 and to correct a subclause reference in 4.7.12.
SANS 62271-310:2008/ IEC/TR 62271-310:2008	<i>High-voltage switchgear and controlgear – Part 310: Electrical endurance testing for circuit-breakers above a rated voltage of 52 Kv.</i> Applicable to class E2 circuit-breakers above a rated voltage of 52 kV for use on overhead lines.

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 74-2:2003	<i>Industrial thermoprocessing equipment – Part 2: Safety requirements for combustion and fuel handling systems.</i>
SANS 221:1999	<i>Interference to mobile radiocommunications in the presence of impulsive noise – Methods of judging degradation and measures to improve performance.</i>

SANS 538:2007	<i>High-temperature wood-preserving creosote.</i>
SANS 539:2001	<i>Wood-preserving creosote (Lurgi-gasification process)</i>
SANS 1290:2005	<i>Wood-preserving mixtures of creosote and waxy oil.</i>
SANS 1331:1982	<i>Alginate dental impression material.</i>
SANS 1707:1997	<i>Eucalyptus brandering and battens.</i>
SANS 5466:2006	<i>Colour fastness of textiles to rubbing.</i>
SANS 6079:1983	<i>Size analysis of coal.</i>
SANS 10314-1:2005	<i>Vertical lift elevating work platforms – Operation and maintenance – Part 1: Mobile manually propelled elevating aerial platforms.</i>
SANS 10314-2:2006	<i>Vertical lift elevating work platforms – Operation and maintenance – Part 2: Mobile self-propelled elevating aerial platforms.</i>
SANS 11135:1994	<i>Medical devices – Validation and routine control of ethylene oxide sterilization.</i>
SANS 50280:2004	<i>Mobile elevating work platforms – Design calculations – Stability criteria – Construction – Safety – Examinations and tests.</i>
SANS 60686:1980	<i>Stabilized power supplies, a.c. output.</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.