

No. 202

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**STANDARDS ACT, 2008  
STANDARDS MATTERS**

In terms of the Standards Act, 2008 (Act No. 8 of 2008), the Council of the South African Bureau of Standards has acted in regard to standards in the manner set out in the Schedules to this notice.

All South African standards that were previously published by the South African Bureau of Standards with the prefix "SABS" have been redesignated as South African national standards and are now published by Standards South Africa (a division of SABS) with the prefix "SANS".

A list of all existing South African national standards was published by Government Notice No. 1373 of 8 November 2002.

In the list of SANS standards below, the equivalent SABS numbers, where applicable, are given below the new SANS numbers for the sake of convenience. Standards that were published with the "SABS" prefix are listed as such.

**SCHEDULE 1: ISSUE OF NEW STANDARDS**

The standards mentioned have been issued in terms of section 16(3) of the Act.

Standard No. and year	Title, scope and purport
SANS 451:2008	<i>Spirometry – Generation of acceptable and repeatable spirometers.</i> Covers the procedure to be followed for the generation of acceptable and repeatable spirometers for the purpose of occupational and medical surveillance of respiratory function in humans. Covers the performance requirements and the calibration of the equipment used, hygiene and infection control where spirometry is performed, and the acceptability, repeatability and usability criteria applied to spirometers. Does not cover the reproducibility criteria applied to manoeuvres, and the interpretation or grading of spirometry results nor the diagnosis or treatment of respiratory conditions or related diseases.
SANS 534-1:2008/ VESA ABS/002:2008	<i>Vehicle security – Whole of vehicle marking – Part 1: Microdot systems.</i> Describes the characteristics and methods of application of unique identification carriers, called microdots, to vehicles; describes the processes required to ensure the integrity, authenticity and confidentiality of the entire microdot production, supply, storage and application system; defines the minimum performance requirements of the adhesive used to affix the microdots to vehicles; prescribes requirements for the after-market installation of microdots on vehicles, including surface preparation; makes recommendations regarding the security of the information systems or databases that link information regarding the vehicle to the microdot data.
SANS 666:2008	<i>Ethanol-gel fuelled appliances.</i> Covers the requirements and methods of test for ethanol-gel operated appliances for cooking and heat generation in households. It does not cover the requirements for lamps and water heaters.
SANS 688:2008	<i>Warp-knitted fabric for mosquito netting.</i> Specifies requirements for one type of warp-knitted polyester fabric suitable for mosquito netting.
SANS 745-0:2008/ AS/NZS 4357.0:2005	<i>Structural laminated veneer lumber – Part 0: Specifications.</i> Specifies manufacturing, in-grade structural characterization and structural verification requirements for structural laminated veneer lumber as a continuously glued assembly of veneers.
SANS 745-1:2008/ AS/NZS 4357.1:2005	<i>Structural laminated veneer lumber – Part 1: Method of test for measurement of dimensions and shape.</i> Sets out the method for determining the thickness, length, width, spring, bow, twist and section squareness of test pieces of structural veneer lumber (LVL).
SANS 745-2:2008/ AS/NZD 4357.2:2005	<i>Structural laminated veneer lumber – Part 2: Determination of structural properties – Test methods.</i> Specifies test methods for determining various properties as of structural veneer lumber (LVL) such as: modulus of elasticity (both in tension parallel to the grain and tension strength parallel to the grain); bending modulus of elasticity of beams; bending strength; compression and shear strength.
SANS 745-3:2008/ AS/NZS 4357.3:2006	<i>Structural laminated veneer lumber – Part 3: Determination of structural properties – Evaluation methods.</i> Specifies a method of calculation for determining the mean and 5th percentile values for structural laminated veneer lumber (LVL).
SANS 784:2008/ AS/NZS 1428.4:2002	<i>Design for access and mobility – Tactile indicators.</i> Sets out requirements for new building work, for the design and application of tactile indicators, to ensure safe and dignified mobility of people who are blind or vision impaired.
SANS 860:2008/ ISO 860:2007	<i>Terminology work – Harmonization of concepts and terms.</i> Specifies a methodological approach to the harmonization of concepts, concept systems, definitions and terms. Applies to the development of harmonized terminologies, at either the national or international level, in either a monolingual or a multilingual context.
SANS 1884-3:2008	<i>Holding pens for temporary housing of animals – Part 3: Vehicles for transportation of wild carnivores by road to holding pens and other facilities.</i> Specifies requirements for vehicles used for road transportation of wild carnivores to holding pens and other facilities. It also includes some animal management aspects during transportation.
SANS 1951:2008/ ISO 1951:2007	<i>Presentation/representation of entries in dictionaries – Requirements, recommendations and information.</i> Deals with monolingual and multilingual, general and specialized dictionaries. Specifies a formal generic structure independent of the publishing media and proposes a means of presenting entries in print and electronic dictionaries. Explains the relationship between the formal structure and the presentation of entries used by publishers and read by users.

Standard No. and year	Title, scope and purport
SANS 2709:2008/ ISO 2709:2008	<i>Information and documentation – Format for information exchange.</i> Specifies the requirements for a generalized exchange format which will hold records describing all forms of material capable of bibliographic description as well as other types of records. Does not define the length or the content of individual records and does not assign any meaning to tags, indicators or identifiers, these specifications being the functions of an implementation format. Describes a generalized structure, a framework designed specially for communications between data processing systems and not for use as a processing format within systems.
SANS 3001-GR1:2008	<i>Civil engineering test methods – Part GR1: Wet preparation and particle size analysis.</i> Applies to gravel, sand and soil, and describes a method to prepare a test sample and determine the particle size distribution of particles of diameter retained on the 75 µm sieve, to determine the combined silt and clay fraction of particles passing the 75 µm sieve, and to prepare a sample for the determination of the plasticity index and linear shrinkage on material with particle size passing the 425 µm sieve or passing the 75 µm sieve.
SANS 3001-GR10:2008	<i>Civil engineering test methods – Part GR10: Determination of the one-point liquid limit, plastic limit, plasticity index and linear shrinkage.</i> Describes methods for determining the liquid limit, plastic limit, plasticity index and linear shrinkage of fine material from gravel, sand or soil, consisting of either material smaller than 425 µm or material smaller than 75 µm.
SANS 3001-GR11:2008	<i>Civil engineering test methods – Part GR11: Determination of the liquid limit with the two-point method.</i> Describes the two-point method for determining the liquid limit of fine material from gravel, sand or soil, consisting of either material smaller than 425 µm or material smaller than 75 µm. Gives references for the determination of the linear shrinkage and plastic limit.
SANS 3001-GR12:2008	<i>Civil engineering test methods – Part GR12: Determination of the flow curve liquid limit.</i> Describes the flow curve method for determining the liquid limit of fine material from gravel, sand or soil, consisting of either material smaller than 425 µm or material smaller than 75 µm prepared in accordance with SANS 3001-GR1.
SANS 3001-GR20:2008	<i>Civil engineering test methods – Part GR20: Determination of the moisture content by oven-drying.</i> Describes a method for determining the moisture content of test samples taken from gravel, sand or soil, by drying in an oven to a constant mass.
SANS 3001-PR1:2008	<i>Civil engineering test methods – Part PR1: Determination of uncertainty of measurement, repeatability, reproducibility and bias.</i> Covers quantitative statements of uncertainty about test methods in this series and describes a method to determine statistical sample size, sample statistics, estimated population standard deviation, uncertainty of measurement, outlier, repeatability, reproducibility and bias. Does not cover proficiency testing schemes or inter-laboratory comparisons, and does not include statistical experimental designs.
SANS 3107:2008/ ISO 3107:2004	<i>Dentistry – Zinc oxide/eugenol and zinc oxide/non-eugenol cements.</i> Specifies the requirements and performance test methods for non-water-based zinc oxide/eugenol cements suitable for use in restorative dentistry for temporary cementation, for permanent cementation, for cavity liners and bases and as temporary restorations. It is also applicable to non-eugenol cements containing zinc oxide and aromatic oils suitable for temporary cementation.
SANS 7396-2:2008/ ISO 7396-2:2007	<i>Medical gas pipeline systems – Part 2: Anaesthetic gas scavenging disposal systems.</i> Specifies requirements for design, installation, function, performance, documentation, testing and commissioning of anaesthetic gas scavenging disposal systems to ensure patient safety and to minimize exposure of the operator and other persons to anaesthetic gases and vapours. Includes requirements for the power device, pipeline system, performance, non-interchangeability between key components and avoidance of cross connections between anaesthetic gas scavenging (AGS) disposal systems and medical gas and vacuum pipeline systems.
SANS 10003:2008/ ISO 10003:2007	<i>Quality management – Customer satisfaction – Guidelines for dispute resolution external to organizations.</i> Provides guidance for organizations to plan, design, develop, operate, maintain and improve an effective and efficient dispute-resolution process for product-related complaints.
SANS 10234 SUPPLEMENT:2008	<i>List of classification and labelling of chemicals in accordance with the Globally Harmonized System (GHS).</i> Covers the labelling and classification criteria of SANS 10234 for hazardous substances. Gives, in tabular form, the GHS classification and label elements of the most commonly used chemicals.
SANS 10289:2008/ ISO 10289:1999	<i>Methods for corrosion testing of metallic and other inorganic coatings on metallic substrates – Rating of test specimens and manufactured articles subjected to corrosion tests.</i> Gives a method of evaluating the condition of decorative and protective metallic and inorganic coated panels or articles which have been exposed to corrosive environments for test or for other purposes and is applicable to test panels or components exposed to natural atmosphere, in mobile or static conditions, or subjected to accelerated tests.
SANS 10386:2008	<i>The care and use of animals for scientific purposes.</i> Encompasses all aspects of the care and use of, or interaction with, animals for scientific purposes in medicine, biology, agriculture, veterinary and other animal sciences, as well as industry and teaching studies in South Africa. It includes animal use in research, teaching, field trials, product testing, diagnosis, the production of biological substances and environmental studies.
SANS 15883-1:2008/ ISO 15883-1:2006	<i>Washer-disinfectors – Part 1: General requirements, terms and definitions and tests.</i> Specifies general performance requirements for washer-disinfectors (WD) and their accessories that are intended to be used for cleaning and disinfection of re-usable medical devices and other articles used in the context of medical, dental, pharmaceutical and veterinary practice. It specifies performance requirements for cleaning and disinfection as well as for the accessories which can be required to achieve the necessary performance. The method and instrumentation required for validation, routine control and monitoring and re-validation, periodically and after essential repairs, are also specified.
SANS 15883-2:2008/ ISO 15883-2:2006	<i>Washer-disinfectors – Part 2: Requirements and tests for washer-disinfectors employing thermal disinfection for surgical instruments, anaesthetic equipment, bowls, dishes, receivers, utensils, glassware, etc.</i> Specifies particular requirements for washer-disinfectors (WD) that are intended for use for the cleaning and thermal disinfection, in a single operating cycle, of re-usable medical devices such as surgical instruments, anaesthetic equipment, bowls, dishes and receivers, utensils and glassware.

Standard No. and year	Title, scope and purport
SANS 15883-4:2008/ ISO 15883-4:2008	<i>Washer-disinfectors – Part 4: Requirements and tests for washer-disinfectors employing chemical disinfection for thermolabile endoscopes.</i> Specifies the particular requirements, including performance, for washer-disinfectors (WDs) that are intended to be used for cleaning and chemical disinfection of thermolabile endoscopes. It also specifies the performance requirements for the cleaning and disinfection of the washer-disinfector and its components and accessories which may be required to achieve the necessary performance. The methods, instrumentation and instructions required for type testing, works testing, validation (installation, operational and performance qualification on first installation), routine control and monitoring and re-validation, periodically and after essential repairs, are also specified.
SANS 11731:2008/ ISO 11731:1998	<i>Water quality – Detection and enumeration of Legionella.</i> Describes a culture method for the isolation of Legionella organisms and estimation of their numbers in environmental samples. Applicable to all kinds of environmental samples including potable, industrial, and natural waters and associated materials such as sediments, deposits and slime.
SANS 12200:2008/ ISO 12200:1999	<i>Computer applications in terminology – Machine-readable terminology interchange format (MARTIF) – Negotiated interchange.</i> Designed for use with terminological data that can be stored, read, retrieved and manipulated by a computer. Is not limited to any specific software or hardware configurations. Provides guidance for programmers and analysts in designing export and import software for data interchange between terminology databases.
SANS 22134:2008/ ISO 22134:2007	<i>Practical guidelines for socioterminology.</i> Proposes guidelines for socioterminology principles, methods and vocabularies.
SANS 22307:2008/ ISO 22307:2008	<i>Financial services – Privacy impact assessment.</i> Recognizes that a privacy impact assessment (PIA) is an important financial services and banking management tool to be used within an organization, or by "contracted" third parties, to identify and mitigate privacy issues and risks associated with processing consumer data using automated, networked information systems.
SANS 22391-1:2008/ ISO 22391-1:2007	<i>Plastics piping systems for hot and cold water installations – Polyethylene of raised temperature resistance (PE-RT) – Part 1: General.</i> Specifies the general aspects of piping systems made of polyethylene of raised temperature resistance (PE-RT), intended to be used for hot and cold water installations within buildings for the conveyance of water – whether or not the water is intended for human consumption (domestic systems) or heating systems – under specific design pressures and temperatures according to the class of application.
SANS 22391-2:2008/ ISO 22391-2:2007	<i>Plastics piping systems for hot and cold water installations – Polyethylene of raised temperature resistance (PE-RT) – Part 2: Pipes.</i> Specifies the characteristics of pipe made from polyethylene of raised temperature resistance (PE-RT), intended to be used for hot and cold water installations within buildings for the conveyance of water – whether or not the water is intended for human consumption (domestic systems) or heating systems – under the design pressures and temperatures appropriate to the class of application.
SANS 22391-3:2008/ ISO 22391-3:2007	<i>Plastics piping systems for hot and cold water installations – Polyethylene of raised temperature resistance (PE-RT) – Part 3: Fittings.</i> Specifies the characteristics of fittings for piping systems made from polyethylene of raised temperature resistance (PE-RT), intended to be used for hot and cold water installations within buildings for the conveyance of water – whether or not the water is intended for human consumption (domestic systems) or heating systems – under the design pressures and temperatures appropriate to the class of application.
SANS 22391-5:2008/ ISO 22391-5:2007	<i>Plastics piping systems for hot and cold water installations – Polyethylene of raised temperature resistance (PE-RT) – Part 5: Fitness for purpose of the system.</i> Specifies the characteristics of the fitness for purpose of piping systems made from polyethylene of raised temperature resistance (PE-RT), intended to be used for hot and cold water installations within buildings for the conveyance of water – whether or not the water is intended for human consumption (domestic systems) or heating systems – under the design pressures and temperatures appropriate to the class of application.
SANS 23868:2008/ ISO 23868:2008	<i>Document management – Monitoring and verification of information stored on 130 mm optical media.</i> Specifies test methods to determine the quality of data on recorded media and provides specifications enabling end-user organizations to monitor data quality and ongoing conformance with the error limits required for its class identified by the manufacturer of the drive/media. Defines error rate monitoring capabilities and procedures associated with 130 mm optical media while being used in a production environment to ensure that data are still readable throughout the expected life of the media.
SANS 24517-1:2008/ ISO 24517-1:2008	<i>Document management – Engineering document format using PDF – Part 1: Use of PDF 1.6 (PDF/E-1).</i> Specifies the use of the Portable Document Format (PDF) Version 1.6 for the creation of documents used in engineering workflows.
SANS 24711:2008/ ISO/IEC 24711:2007	<i>Method for the determination of ink cartridge yield for colour inkjet printers and multi-function devices that contain printer components.</i> Limits to the evaluation of ink cartridge page yield for ink-containing cartridges for colour inkjet printers. Applies to printer component of any multifunctional device that has a digital input printing path, including multifunction devices that contain inkjet printer components. Intends for the measurement of ink cartridge page yield when printing on plain paper. Applies only to drop-on-demand printing systems.
SANS 28003:2008/ ISO 28003:2007	<i>Security management systems for the supply chain – Requirements for bodies providing audit and certification of supply chain security management systems.</i> Contains principles and requirements for bodies providing the audit and certification of supply chain security management systems in accordance with management system specifications and standards such as ISO 28000. It defines the minimum requirements of a certification body and its associated auditors, recognizing the unique need for confidentiality when auditing and certifying or registering a client organization.

Standard No. and year	Title, scope and purport
SANS 32000-1:2008/ ISO 32000-1:2008	<i>Document management – Portable document format – Part 1: PDF 1.7.</i> Specifies a digital form for representing electronic documents to enable users to exchange and view electronic documents independent of the environment in which they were created or the environment in which they are viewed or printed. Is intended for the developer of software that creates PDF files (conforming writers), software that reads existing PDF files and interprets their contents for display and interaction (conforming readers) and PDF products that read or write PDF files (or both) for a variety of other purposes (conforming products). Does not specify specific processes for converting paper or electronic documents to the PDF format, specific technical design, user interface or implementation or operational details of rendering, specific physical methods of storing these documents such as media and storage conditions, methods for validating the conformance of PDF files or readers, and required computer hardware or operating system (or both).
SANS 60317-0-3:2008/ IEC 60317-0-3:2008	<i>Specifications for particular types of winding wires – Part 0-3: General requirements – Enamelled round aluminium wire.</i> Specifies the general requirements of enamelled round aluminium winding wires with or without a bonding layer.
SANS 60838-1:2008 (Ed. 1.1)	<i>Miscellaneous lampholders – Part 1: General requirements and tests. Consolidated edition incorporating amendment No. 1.</i> Amended to change requirements for lampholders designed with a barrel thread for shade holder rings, to change requirements for marking, terminals, creepage distances and clearances, and to change a test for resistance to heat and fire.
SANS 60865-2:2008/ IEC/TR 60865-2:1994	<i>Short-circuit currents – Calculation of effects – Part 2: Examples of calculation.</i> Covers the application of procedures for the calculation of mechanical and thermal effects due to short circuits as presented in IEC 60865-1 (published in South Africa as an identical adoption under the designation SANS 60865-1) and is an addition to IEC 60865-1.
SANS 61204-7:2008/ IEC 61204-7:2006	<i>Low-voltage power supplies, d.c. output – Part 7: Safety requirements.</i> Specifies safety requirements for power supply units providing d.c. output(s) with or without auxiliary a.c. output(s) operating from a.c. or d.c. source voltages up to 600 V a.c. or 1 000 V d.c.
SANS 61800-7-201:2008/ IEC 61800-7-201:2007	<i>Adjustable speed electrical power drive systems – Part 7-201: Generic interface and use of profiles for power drive systems – Profile type 1 specification.</i> Specifies profile type 1 for Power Drive Systems, which can be mapped onto different communication network technologies.
SANS 61800-7-202:2008/ IEC 61800-7-202:2007	<i>Adjustable speed electrical power drive systems – Part 7-202: Generic interface and use of profiles for power drive systems – Profile type 2 specification.</i> Specifies profile type 2 for Power Drive Systems, which can be mapped onto different communication network technologies.
SANS 61800-7-203:2008/ IEC 61800-7-203:2007	<i>Adjustable speed electrical power drive systems – Part 7-203: Generic interface and use of profiles for power drive systems – Profile type 3 specification.</i> Specifies profile type 3 for Power Drive Systems, which can be mapped onto different communication network technologies.
SANS 61800-7-204:2008/ IEC 61800-7-204:2007	<i>Adjustable speed electrical power drive systems – Part 7-204: Generic interface and use of profiles for power drive systems – Profile type 4 specification.</i> Specifies profile type 4 for Power Drive Systems, which can be mapped onto different communication network technologies.
SANS 61800-7-301:2008/ IEC 61800-7-301:2007	<i>Adjustable speed electrical power drive systems – Part 7-301: Generic interface and use of profiles for power drive systems – Mapping of profile type 1 to network technologies.</i> Specifies the mapping of profile type 1 onto different network technologies by use of a generic interface model.
SANS 61800-7-302:2008/ IEC 61800-7-302:2007	<i>Adjustable speed electrical power drive systems – Part 7-302: Generic interface and use of profiles for power drive systems – Mapping of profile type 2 to network technologies.</i> Specifies the mapping of profile type 2 onto different network technologies by use of a generic interface model.
SANS 61800-7-303:2008/ IEC 61800-7-303:2007	<i>Adjustable speed electrical power drive systems – Part 7-303: Generic interface and use of profiles for power drive systems – Mapping of profile type 3 to network technologies.</i> Specifies the mapping of profile type 3 onto different network technologies by use of a generic interface model.
SANS 61800-7-304:2008/ IEC 61800-7-304:2007	<i>Adjustable speed electrical power drive systems – Part 7-304: Generic interface and use of profiles for power drive systems – Mapping of profile type 4 to network technologies.</i> Specifies the mapping of profile type 4 onto different network technologies by use of a generic interface model.
SANS 61800-7-1:2008/ IEC 61800-7-1:2007	<i>Adjustable speed electrical power drive systems – Part 7-1: Generic interface and use of profiles for power drive systems – Interface definition.</i> Specifies a generic interface between Power Drive System(s) (PDS) and the application control program in a controller. The generic PDS interface is not specific to any particular communication network technology.
SANS 62031:2008/ IEC 62031:2008	<i>LED modules for general lighting – Safety specifications.</i> Specifies general and safety requirements for light-emitting diode (LED) modules, i.e. LED modules without integral control gear for operation under constant voltage, constant current or constant power, and self-ballasted LED modules for use on d.c. supplies up to 250 V or a.c. supplies up to 1 000 V at 50 Hz or 60 Hz.
SANS 62282-3-3:2008/ IEC 62282-3-3:2007	<i>Fuel cell technologies – Part 3-3: Stationary fuel cell power systems – Installation.</i> Provides minimum safety requirements for the installation of indoor and outdoor stationary fuel cell power systems. Applies to the installation of the mentioned systems and intended for electrical connection to mains directly or with a transfer switch, for a stand-alone power distribution system, to provide a.c. or d.c. power, with or without the ability to recover useful heat.
SANS 62310-3:2008/ IEC 62310-3:2008	<i>Static transfer systems (STS) – Part 3: Method for specifying performance and test requirements.</i> Applies to single-phase, phase-phase and three-phase static transfers in a.c. systems up to 1 000 V. Covers methods for specifying performance and test requirements including applicable safety tests. Takes precedence over all aspects of generic performance standards, and no additional performance testing is necessary.

Standard No. and year	Title, scope and purport
SANS 62384:2008/ IEC 62384:2006	<i>DC or AC supplied electronic control gear for LED modules – Performance requirements.</i> Specifies performance requirements for electronic control gear for use on d.c. supplies up to 250 V and a.c. supplies up to 1 000 V at 50 Hz or 60 Hz with an output frequency which can deviate from the supply frequency, associated with LED modules according to IEC 62031 (published in South Africa as an identical adoption under the designation SANS 62031).

## 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 20:2001 (Ed. 2.1)	<i>Primary zinc. 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 move reference to the SABS to the foreword, to update the referenced standards and to realign the colour numbers with SANS 1091.
SANS 135:2008/ ISO 1456:2003 (SABS ISO 1456:1988)	<i>Metallic coatings – Electrodeposited coatings of nickel plus chromium and of copper plus nickel plus chromium.</i> Specifies requirements for nickel plus chromium and for copper plus nickel plus chromium electrodeposited coatings that are applied to manufactured articles to provide an attractive appearance and corrosion resistance. Several classes of coatings are provided that differ in thickness and type. Guidance is given in selecting the coating class appropriate to the service conditions to which the coated product will be exposed.
SANS 136:2008/ ISO 1458:2002 (SABS ISO 1458:1988)	<i>Metallic coatings – Electrodeposited coatings of nickel.</i> Specifies requirements for decorative nickel electrodeposited coatings that are applied to iron and steel, to zinc alloys, to copper and copper alloys, and to aluminium and aluminium alloys to provide an attractive appearance and corrosion resistance. Several classes of coatings are provided. Guidance is given in selecting the coating class appropriate to the service conditions to which the coated product will be exposed.
SANS 144:2008/ ISO 1463:2003 (SABS ISO 1463:1982)	<i>Metallic and oxide coatings – Measurement of coating thickness – Microscopical method.</i> Describes a method for the measurement of thickness of metallic coatings, oxide layers, and porcelain or vitreous enamel coatings, by microscopical examination of cross-sections using an optical microscope.
SANS 200:2008 (Ed. 3.3)	<i>Copper alloy ingots and castings. Consolidated edition incorporating amendment No. 3.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable", and to update referenced standards.
SANS 289:2008 (Ed. 1.2)	<i>Labelling requirements for prepackaged products (prepackages) and general requirements for the sale of goods subject to legal metrology control. Consolidated edition incorporating amendment No. 2.</i> Amended to update requirements in the clause on name and place of business of the manufacturer, packer, distributor or importer (clause 4), to delete requirements in the subclause on presentation of information (5.5) and to renumber the paragraphs, to change the requirements in the subclause on significance of numbers on labels (5.6), and to update requirements in the annex on the manner of expressing the quantity and prescribed quantities for certain products (annex E).
SANS 421:2008 (SABS 421:2000)	<i>The production of men's shoes (Goodyear welted with stitched or stuck-on outer soles).</i> Covers men's shoes made in accordance to the Goodyear welted principle and with stitched or stuck-on outer soles.
SANS 458:2008 (Ed. 1.1)	<i>Tolerances permitted for the accuracy of measurements of products (including prepackaged products) in terms of legal metrology legislation. Consolidated edition incorporating amendment No. 1.</i> Amended to update the foreword, to add an introductory paragraph to the normative references clause (clause 2), to change requirements in the subclauses on prepackages made up for sale on the retail premises from which they are sold (4.3), prepackages other than those made up for sale on the retail premises from which they are sold using a suitable instrument (4.5), and prepackaged products with special allowances for loss of quantity (4.6), to change the titles of two clauses in the annex on test procedures for the determination of the actual quantity of frozen products with added water or glazed products (clause D.3 and D.5), and to add a new informative annex on guidelines for application of tolerable deficiencies with respect to measurement of products at the time of sale or when making up prepackages (annex F).
SANS 616:2008 (Ed. 1.1)	<i>Wood-preserving creosote mixtures and coal-tar mixtures.</i> Covers coal tar that is derived entirely from the carbonization of bituminous coal; this coal tar may either be a coal-tar distillate (creosote) or a solution of coal tar in coal-tar distillate and is intended for use in the preservation of timber.
SANS 673:2008 (Ed. 3.1)	<i>Mixtures of copper-chromium-arsenic compounds for timber preservation. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, to remove reference to national legislation from the text and to update the quality verification clause.
SANS 710:2008 (Ed. 1.1)	<i>Acid-cored solders. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to update referenced standards.
SANS 711:2008 (Ed. 2.1)	<i>Primary aluminium ingots for remelting. 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 certification mark, and to update referenced standards and the table on related primary ingot alloys accordingly.
SANS 929:2008 (Ed. 2.7)	<i>Plywood and composite board. Consolidated edition incorporating amendment No. 7.</i> Amended to add a definition, to delete two tables and to replace them with a new table to include requirements for rotary pine and eucalyptus surface veneer grades, to renumber the tables and to delete a footnote.

Standard No. and year	Title, scope and purport
SANS 965:2008 (Ed. 1.4)	<i>Welded austenitic stainless steel tubes. Consolidated edition incorporating amendment No. 4.</i> Amended to change the designation from SABS standards to SANS standards, to update the definition of "acceptable", and the referenced standards.
SANS 966-1:2008 (Ed. 3.4)	<i>Components of pressure pipe systems – Part 1: Unplasticized poly(vinyl chloride) (PVC-U) pressure pipe systems. Consolidated edition incorporating amendment No. 4.</i> Amended to update referenced standards, to clarify the wall thickness of the body of the integral pipe-end sockets and the sealing ring groove, to replace table 4, to update the requirements for methylene chloride, and to change note 2 in table 15.
SANS 966-2:2008 (Ed. 1.5)	<i>Components of pressure pipe systems – Part 2: Modified poly(vinyl chloride)(PVC-M) pressure pipe systems. Consolidated edition incorporating amendment No. 5.</i> Amended to update referenced standards, to clarify the wall thickness of the body and other dimensions of integral pipe-end sockets, and to update requirements for methylene chloride.
SANS 1029:2008 (Ed. 2.2)	<i>Miniature substations. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards, and to move a reference to legislation to the foreword.
SANS 1111:2008 (Ed. 1.5)	<i>Coal-burning appliances (reduced smoke emission type). Consolidated edition incorporating amendment No. 5.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable" and to delete reference to the standardization mark.
SANS 1116-1:2008 (SABS 1116-1:1996)	<i>Retro-reflective number plates for motor vehicles – Part 1: Blank plates (aluminium).</i> Specifies requirements for aluminium blank plates that are intended for use in the production of number plates covered in SANS 1116-2.
SANS 1116-2:2008 (SABS 1116-2:2005)	<i>Retro-reflective number plates for motor vehicles – Part 2: Number plates (aluminium).</i> Specifies requirements for aluminium number plates that are intended for use on motor vehicles (including motor cycles and tricycles) and trailers.
SANS 1116-3:2008 (SABS 1116-3:1996)	<i>Retro-reflective number plates for motor vehicles – Part 3: Blank plates (plastics).</i> Specifies requirements for plastic blank plates that are intended for use in the production of number plates covered in SANS 1116-4.
SANS 1116-4:2008 (SABS 1116-4:2005)	<i>Retro-reflective number plates for motor vehicles – Part 4: Number plates (plastics).</i> Specifies requirements for plastic number plates that are intended for use on motor vehicles (including motor cycles and tricycles) and trailers.
SANS 1129:2008 (Ed. 1.4)	<i>Steel door frames. Consolidated edition incorporating amendment No. 4.</i> Amended to change the designation of SABS standards to SANS standards, and to update referenced standards.
SANS 1169:2008 (Ed. 1.1)	<i>Temporary stands. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, with no technical changes.
SANS 1195:2008 (Ed. 1.2)	<i>Busbars. Consolidated edition incorporating amendment No. 2.</i> Amended to correct a reference and to update a referenced standard.
SANS 1209:2008 (Ed. 1.1)	<i>Pipe holderbats. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to delete reference to the standardization mark, and to update referenced standards.
SANS 1303-1:2008 (Ed. 1.2)	<i>Wrought copper alloys – Part 1: Chemical composition of copper-zinc alloys (non-leaded and leaded). Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to delete the preface, to update the definition of "acceptable", tables 1 to 5, and referenced standards, and to delete appendix C.
SANS 1371:2008 (Ed. 1.2)	<i>Ceramic hollow insulators for standard transformer bushings. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards and to update referenced standards.
SANS 1433-2:2008 (Ed. 1.1)	<i>Electrical terminals and connectors – Part 2: Flat push-on connectors. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update a referenced standard and the quality verification, and to delete reference to the standardization mark.
SANS 1465-2:2008 (Ed. 1.1)	<i>Steel castings for general engineering applications – Part 2: Wear-resistant 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 1465-3:2008 (Ed. 1.1)	<i>Steel castings for general engineering applications – Part 3: Corrosion-resistant and heat-resistant 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 1538:2008 (Ed. 1.2)	<i>Plain-woven glass rovings for glass-reinforced plastics laminates. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, and to update a normative reference and the definition of "acceptable".
SANS 1638:2008 (SABS 1638:1995)	<i>Pneumatically powered chain hoists.</i> Specifies the characteristics of pneumatically powered chain hoists for vertical lifting involving freely suspended (unguided) loads, and non-vertical lifting and pulling applications.
SANS 1661:2008 (SABS 1661:2002)	<i>Cord extension sets.</i> Specifies safety requirements for cord extension sets with a rated current not exceeding 16 A and a rated single-phase voltage not exceeding 250 V a.c., intended for household and similar general-purpose equipment.
SANS 1822:2008 (Ed. 1.1)	<i>Slide fasteners. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable", and to update the referenced standards.
SANS 1841:2008 (SABS 1841:2003)	<i>Control of the quantity of contents in prepacked packages within the prescriptions of legal metrology legislation.</i> Specifies requirements for the contents of prepacked packages of a quantity greater than 5 g or 5 ml.



Standard No. and year	Title, scope and purport
SANS 1866:2008 (Ed. 1.1)	<i>Surgical face masks. Consolidated edition incorporating amendment No. 1.</i> Amended to update a referenced standard and to add tolerances in the table on material requirements.
SANS 2063:2008/ISO 2063:2005 (SABS ISO 2063:1991)	<i>Thermal spraying – Metallic and other inorganic coatings – Zinc, aluminium and their alloys.</i> Applies to thermal-sprayed metallic coatings for the protection of iron and steel against corrosion by applying zinc or aluminium or their alloys to uncoated surface to be protected.
SANS 2064:2008/ISO 2064:1996 (SABS ISO 2064:1980)	<i>Metallic and other inorganic coatings – Definitions and conventions concerning the measurement of thickness.</i> Defines terms concerning the measurement of the thickness of metallic and other inorganic coatings on any substrate. Specifies some general rules to be followed in the measurement of minimum thickness of coatings.
SANS 2177:2008/ISO 2177:2003 (SABS ISO 2177:1985)	<i>Metallic coatings – Measurement of coating thickness – Coulometric method by anodic dissolution.</i> Specifies a coulometric method by anodic dissolution for measuring the thickness of metallic coatings. Also applicable to multi-layer systems, for example Cu-Ni-Cr.
SANS 2560:2008/ISO 2560:2002 (SABS ISO 2560:2002)	<i>Welding consumables – Covered electrodes for manual metal arc welding of non-alloy and fine grain steels – Classification.</i> Specifies requirements for classification of covered electrodes and deposited metal in the as-welded condition in the post-weld heat-treated condition for manual arc welding of non-alloy and fine grain steels with a minimum yield strength of up to 500 N/mm <sup>2</sup> or a minimum tensile strength of up to 570 N/mm <sup>2</sup> .
SANS 3107:2008/ISO 3107:2004	<i>Dentistry – Zinc oxide/eugenol and zinc oxide/non-eugenol cements. ISO corrigendum No. 1.</i> Corrected to replace 1,5 by N/A* in the disintegration after 24 h column (column 6) for Type III and Type IV, respectively (table 1).
SANS 3497:2008/ISO 3497:2000 (SABS ISO 3497:1990)	<i>Metallic coatings – Measurement of coating thickness – X-ray spectrometric methods.</i> Specifies methods for measuring the thickness of metallic coatings by the use of X-ray spectrometric methods. The measuring methods are fundamentally those that determine the mass per unit area. Permits the simultaneous measurement of coating systems of up to three layers.
SANS 3543:2008/ISO 3543:2000 (SABS ISO 3543:1981)	<i>Metallic and non-metallic coatings – Measurement of thickness – Beta backscatter method.</i> Specifies a method for the non-destructive measurement of coating thicknesses, using beta backscatter gauges. Applies to both metallic and non-metallic coatings on both metallic and non-metallic substrates. <i>ISO corrigendum No. 1.</i> Corrected to modify the formula in the counting statistics and to modify figure A.1.
SANS 3575:2008/ISO 3575:2005 (SABS ISO 3575:1996)	<i>Continuous hot-dip zinc-coated carbon steel sheet of commercial and drawing qualities.</i> Applies to carbon steel sheet of commercial and drawing qualities coated by the continuous hot-dip zinc-coating process.
SANS 3613:2008/ISO 3613:2000 (SABS ISO 3613:1980)	<i>Chromate conversion coatings on zinc, cadmium, aluminium-zinc alloys and zinc-aluminium alloys – Test methods.</i> Specifies methods for the determination of the presence of colourless chromate conversion coatings; the presence and quantity of hexavalent chromium in colourless and coloured coatings on zinc, cadmium and certain aluminium-zinc alloys; the total chromium content per unit area on zinc and cadmium; the mass per unit area of both colourless and coloured coatings; the satisfactory adhesion of chromate conversion coatings; and the quality of chromate coatings. Applies to colourless and coloured chromate conversion coatings that contain tri- and hexavalent chromium and produced by either chemical or electrochemical processes. Applies only to chromate coatings that are free from any supplementary coatings such as oil, water or solvent-based polymers or wax.
SANS 3882:2008/ISO 3882:2003 (SABS ISO 3882:1986)	<i>Metallic and other inorganic coatings – Review of methods of measurement of thickness.</i> Reviews methods for measuring the thickness of metallic and other inorganic coatings on both metallic and non-metallic substrate, but is limited to tests already specified, or to be specified and excludes certain tests that are used for special applications.
SANS 4437:2008/ISO 4437:2007	<i>Buried polyethylene (PE) pipes for the supply of gaseous fuels – Metric series – Specifications.</i> Specifies the general properties of polyethylene (PE) compounds for the manufacture of pipes, the physical and mechanical properties of the pipes made from these compounds, and the requirements for the marking of such pipes, intended to be used for the supply of gaseous fuels.
SANS 4516:2008/ISO 4516:2002 (SABS ISO 4516:1980)	<i>Metallic and other inorganic coatings – Vickers and Knoop microhardness tests.</i> Describes the application of the Vickers and Knoop micro-indentation tests for determining the microhardness of metallic and other inorganic coatings. Applicable where indenter forces generally need to be below 10 N.
SANS 5299:2008 (SABS SM 299:1977)	<i>Pesticides – Rearing and handling of the Mediterranean flour moth (Ephestia kuehniella Zeller).</i> Specifies a method for the rearing and handling of the Mediterranean flour moth (Ephestia kuehniella Zeller).
SANS 5334:2008 (SABS SM 334:1988)	<i>Pesticides – Rearing and handling of the common housefly (Musca domestica (L.)).</i> Specifies a method for the rearing and handling of the common housefly (Musca domestica (L.)).
SANS 5458:2008 (SABS SM 458:1977)	<i>Pesticides – Rearing and handling of the German cockroach (Blattella germanica (L.)).</i> Specifies a method for the rearing and handling of the German cockroach (Blattella germanica (L.)).
SANS 5459:2008 (SABS SM 459:1078)	<i>Pesticides – Rearing and handling of the confused flour beetle (Tribolium confusum (Duv.)).</i> Specifies a method for the rearing and handling of the confused flour beetle (Tribolium confusum (Duv.)).
SANS 5460:2008 (SABS SM 460:1978)	<i>Pesticides – Rearing and handling of the granary weevil (Sitophilus granarius (L.)).</i> Specifies a method for the rearing and handling of the granary weevil (Sitophilus granarius (L.)).
SANS 5461:2008 (SABS SM 461:1977)	<i>Pesticides – Rearing and handling of the rice weevil (Sitophilus oryzae (L.)).</i> Specifies a method for the rearing and handling of the rice weevil (Sitophilus oryzae (L.)).
SANS 5462:2008 (SABS SM 462:1977)	<i>Pesticides – Rearing and handling of the yellow fever mosquito (Aedes aegypti (L.)).</i> Specifies a method for the rearing and handling of the yellow fever mosquito (Aedes aegypti (L.)).

Standard No. and year	Title, scope and purport
SANS 5809:2008 (SABS SM 809:1977)	<i>Pesticides – Rearing and handling of the tobacco beetle (Lasioderma serricorne Fabr.).</i> Specifies a method for the rearing and handling of the tobacco beetle ( <i>Lasioderma serricorne</i> Fabr.).
SANS 5812:2008 (SABS SM 812:1978)	<i>Pesticides – Rearing and handling of the Pharaoh's ant (Monomorium pharaonis (L.)).</i> Specifies a method for the rearing and handling of the Pharaoh's ant ( <i>Monomorium pharaonis</i> (L.)).
SANS 5867:2008 (SABS SM 867:1976)	<i>Preparation of samples of vulcanized rubbers for testing.</i> Specifies the procedure for the preparation of samples of vulcanized rubbers for testing
SANS 5868:2008 (SABS SM 868:1976)	<i>Conditioning of vulcanized rubbers.</i> Specifies the procedure for conditioning of vulcanized rubbers
SANS 5869:2008 (SABS SM 869:1976)	<i>Accelerated aging of vulcanized rubbers (Air-oven method).</i> Specifies the procedure for testing the accelerated aging of vulcanized rubbers (Air-oven method).
SANS 5870:2008 (SABS SM 870:1976)	<i>Hardness of vulcanized rubbers of hardness 30-95 IRH degrees.</i> Specifies the procedure for testing the hardness of vulcanized rubbers of hardness 30-95 IRH degrees.
SANS 5872:2008 (SABS SM 872:2008)	<i>Compression set of vulcanized rubbers under constant deflection.</i> Specifies the procedure for testing a compression set of vulcanized rubbers under constant deflection.
SANS 5873:2008 (SABS SM 873:1976)	<i>Tear strength of vulcanized rubbers.</i> Specifies the procedure for testing the tear strength of vulcanized rubbers.
SANS 5875:2008 (SABS SM 875:1976)	<i>Water absorption of vulcanized rubbers.</i> Specifies the procedure for testing the water absorption of vulcanized rubbers.
SANS 5876:2008 (SABS SM 876:1076)	<i>Ozone resistance of vulcanized rubbers (RAPRA-Hampden method).</i> Specifies the procedure for testing the ozone resistance of vulcanized rubbers (RAPRA-Hampden method).
SANS 5880:2008 (SABS SM 880:1976)	<i>Electrical resistance of vulcanized rubbers.</i> Specifies the procedure for testing the electrical resistance of vulcanized rubbers
SANS 5883:2008 (SABS SM 883:1976)	<i>Resistance of vulcanized rubbers to swelling (volumetric method).</i> Specifies the procedure for testing the resistance of vulcanized rubbers to swelling (volumetric method)
SANS 6041:2008/ (Ed. 2.1)	<i>White point temperature (MFFT) of aqueous, wood adhesive dispersions. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, with no technical changes.
SANS 6223:2008 (Ed. 1.2)	<i>The Izod impact test for metallic materials. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, with no technical changes.
SANS 8124-2:2008/ ISO 8124-2:2007 (SABS ISO 8124-2:1994)	<i>Safety of toys – Part 2: Flammability.</i> Specifies the categories of flammable materials that are prohibited in all toys, and requirements concerning flammability of certain toys when they are subjected to a minor source of ignition.
SANS 9001:2008/ ISO 9001:2000 (SABS ISO 9001:2000)	<i>Quality management systems – Requirements.</i> Specifies requirements for a quality management system where an organization needs to demonstrate its ability to consistently provide a product that meets customer and applicable regulatory requirements, and aims to enhance customer satisfaction through the effective application of the system, including processes for continual improvement of the system and the assurance of conformity to customer and applicable regulatory requirements.
SANS 9994:2008/ ISO 9994:2005 (SABS ISO 9994:2003)	<i>Lighters – Safety specification.</i> Establishes requirements for lighters to ensure a reasonable degree of safety for normal use or reasonable foreseeable misuse. It also applies to all-flame producing products commonly known as cigarette lighter, cigar lighters and pipe lighters. Does not apply to matches nor other flame producing products intended solely for igniting materials other than cigarette lighter, cigar lighters and pipe lighters. <i>ISO amendment No. 1.</i> Amended to clarify the structural requirements.
SANS 10096:2008 (Ed. 2.4)	<i>The manufacture of finger-jointed structural timber. Consolidated edition incorporating amendment No. 4.</i> Amended to add definitions, to modify the requirements for pre-grading, for finger-joint pattern, for finger-jointed material, to replace clause 7 with proof-grading of finger-jointed structural timber, and to update referenced standards.
SANS 10234:2008 (Ed. 1.1)	<i>Globally Harmonized System of classification and labelling of chemicals (GHS). Consolidated edition incorporating amendment No. 1.</i> Amended to include a reference to the Supplement to SANS 10234; exemption of stock remedies from the requirements; addition of "crustacea" to the definitions of environmental toxicity; removal of the colour orange from the pesticide colour band requirements; amendment of the classification criteria for category 2 skin irritants and category 3 acute dermal toxicity; correction of the text of health hazard statements and the numbering of environmental hazard statements; correction of the concentration limits for salinity of the marine test medium.
SANS 10296:2008 (SABS 0296:1998)	<i>Hand signals used with cranes and with lifting and suspended equipment.</i> Covers requirements for hand signals to be used in operations of cranes (i.e. lifting operations). Does not cover requirements for hand signals used in underground mining operations.
SANS 11108:2008 (SABS SM 1108:1990)	<i>Washing pretreatment of textile fabrics.</i> Specifies a method for the pretreatment of textile fabrics that, in actual use, will be subject to washing. It is intended to be used before tests for determining the efficacy of certain finishes such as tests to determine the resistance to pilling, the resistance to snagging, creasing properties and seaming properties. This standard is not applicable as a means of evaluation of colour fastness to washing nor as a treatment of textile fabrics before evaluation of colour fastness to washing.



Standard No. and year	Title, scope and purport
SANS 11770-2:2008/ ISO/IEC 11770-2:2008	<i>Information Technology – Security techniques – Key management – Part 2: Mechanisms using symmetric techniques.</i> Specifies a series of 13 mechanisms for establishing shared secret keys using symmetric cryptography. These mechanisms address three different environments for the establishment of shared secret keys: point-to-point key establishment schemes, mechanisms using a Key Distribution Centre (KDC), and techniques that use a Key Translation Centre (KTC). ISO/IEC 11770-2:2008 describes the content of messages which carry keying material or are necessary to set up the conditions under which the keying material can be established. This second edition is a technically revised version of the first edition: Mechanism
SANS 12207:2008/ ISO/IEC 12207:2008 (SABS ISO/IEC 12207:1995)	<i>Systems and software engineering – Software life cycle processes.</i> Establishes a common framework for software life cycle processes, with well-defined terminology, that can be referenced by the software industry. It contains processes, activities, and tasks that are to be applied during the acquisition of a software product or service and during the supply, development, operation, maintenance and disposal of software products. Software includes the software portion of firmware. It also provides a process that can be employed for defining, controlling, and improving software life cycle processes.
SANS 12353:2008/ EN 12353:2006 (SABS EN 12353:1999)	<i>Chemical disinfectants and antiseptics – Preservation of test organisms used for the determination of bactericidal, mycobactericidal, sporicidal and fungicidal activity.</i> Specifies methods for keeping test organisms used and defined for the determination of bactericidal, mycobactericidal, sporicidal and fungicidal activity of chemical disinfectants and antiseptics.
SANS 15288:2008/ ISO/IEC 15288:2008	<i>Systems and software engineering – Systems life cycle processes.</i> Defines a set of processes and associated terminology. These processes can be applied at any level in the hierarchy of a system's structure. Selected sets of these processes can be applied throughout the life cycle for managing and performing the stages of a system's life cycle. This is accomplished through the involvement of all interested parties, with the ultimate goal of achieving customer satisfaction. It also provides processes that support the definition, control and improvement of the life cycle processes used within an organization or a project. Organizations and projects can use these life cycle processes when acquiring and supplying systems.
SANS 60331-21:1999/ IEC 60331-21:1999	<i>Tests for electric cables under fire conditions – Circuit integrity – Part 21: Procedures and requirements – Cables of rated voltage up to and including 0,6/1,0 Kv. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60335-2-17:2008 (Ed. 2.1)	<i>Household and similar electrical appliances – Safety – Part 2-17: – Particular requirements for blankets, pads and similar flexible heating appliances.</i> Consolidated edition incorporating amendment No. 1. Amended to change the introduction of the standard. Adds definitions for control units, wraps and electro-conductive textiles. Amends general conditions for testing, changes the marking and instructions for electric blankets, underblankets and pads. Includes test methods for wraps, the temperature of heating elements, controlled appliances and electro-conductive textiles. Sets requirements for moisture resistance, leakage current and electric strength, and modifies the tests for the abnormal operation of electric pads, blankets and mattresses. Amends figures 103 and 106.
SANS 60335-2-43:2008 (Ed. 3.1)	<i>Household and similar electrical appliances – Safety – Part 2-43: Particular requirements for clothes dryers and towel rails.</i> Consolidated edition incorporating amendment No. 1. Amended to change the introduction and to include a warning under marking and instructions.
SANS 60400:2008/ IEC 60400:2008 (SABS IEC 60400:2005)	<i>Lampholders for tubular fluorescent lamps and starterholders.</i> States the technical and dimensional requirements for lampholders for tubular fluorescent lamps and for starterholders, and the methods of test to be used in determining the safety and the fit of the lamps in the lampholders and the starters in the starterholders.
SANS 60730-2-7:2008/ IEC 60730-2-7:2008	<i>Automatic electrical controls for household and similar use – Part 2-7: Particular requirements for timers and time switches.</i> Applies to timers and time switches for household and similar use that may use electricity, gas, oil, solid fuel, solar thermal energy, etc. or a combination thereof, including heating, air conditioning and similar applications.
SANS 60745-2-2:2008 (Ed. 2.1)	<i>Hand-held motor-operated electric tools – Safety – Part 2-2: Particular requirements for screwdrivers and impact wrenches.</i> Consolidated edition incorporating amendment No. 1. Amended to include a marking requirement for the gripping surfaces of tools, to exclude impact wrenches from the mechanical strength and construction requirements, to add a requirement for overload protection of components, and to do editorial corrections.

### 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 139:1973	<i>Metallic coatings – Coatings other than those anodic to the basis metal – Accelerated corrosion tests – Method for the evaluation of the results.</i>
SANS 335:1974	<i>Hard coal – Determination of caking power – Roga test</i>
SANS 397:2007	<i>Safety helmets for industrial use and for firemen.</i>
SANS 546:1977	<i>Cast iron fittings for asbestos cement pressure pipes.</i>
SANS 1335:1982	<i>Dental zinc oxide-eugenol materials for linings and temporary restorations.</i>
SANS 1501:2002	<i>Replacement silencing systems for vehicles of category L only.</i>
SANS 1559:1995	<i>Dental materials – alloys for dental amalgam.</i>

SANS 1792-2:2004	<i>Refillable welded steel gas cylinders – Part 2: Local requirements.</i>
SANS 4540:1980	<i>Metallic coatings – Coatings cathodic to the substrate – Rating of electroplated test specimens subjected to corrosion tests.</i>
SANS 5242:1971	<i>Zinc content of white metal.</i>
SANS 5244:1971	<i>Aluminium content of printers' metal and white metal.</i>
SANS 5563:1968	<i>Determination of copper (plus silver) in copper.</i>
SABS 5564:1968	<i>Determination of bismuth in copper.</i>
SANS 5565:1968	<i>Determination of lead in copper.</i>
SANS 5566:1968	<i>Determination of selenium in copper.</i>
SANS 5567:1968	<i>Spectrographic analysis of copper.</i>
SANS 8403:1991	<i>Metallic coatings – Coatings cathodic to the substrate – Rating of test specimens subjected to corrosion tests.</i>
SANS 9459-2:2008	<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>
SANS 10159:1982	<i>Measurement and calibration systems.</i>
SANS 62040-1-1:2003	<i>Uninterruptible power systems (UPS) – Part 1-1: General and safety requirements for UPS used in operator access areas.</i>
SANS 62040-1-2:2003	<i>Uninterruptible power systems (UPS) – Part 1-2: General and safety requirements for UPS used in restricted access locations.</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.