

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

No. 836

8 August 2008

**STANDARDS ACT, 1993
STANDARDS MATTERS**

In terms of the Standards Act, 1993 (Act No. 29 of 1993), 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 476:2007/ ISO 6055:2004	<i>Industrial trucks – Overhead guards – Specification and testing.</i> Specifies the requirements and testing of overhead guards, operators' legs and feet protection, roll-over protection system (ROPS) and falling-object protection system (FOPS) for any type of high lift, rider operated, powered industrial truck with a lift height exceeding 1800 mm.
SANS 477:2007/ ISO 6292:1996	<i>Powered industrial trucks and tractors – Brake performance and component strength.</i> Specifies performance, test methods, controls, control forces and component strengths for brakes fitted to powered industrial trucks with rated capacities up to and including 50 000 kg (110 000 lb) and industrial tractors with rated capacities up to and including 20 000 N (4 500 lbf).
SANS 522:2007	<i>The inspection, testing and examination of tower cranes.</i> Covers requirements for the inspection, testing and examination of tower cranes in service.
SANS 1463-1:2007/ EN 1463-1:1997	<i>Road marking materials – Retroreflecting road studs – Part 1: Initial performance requirements.</i> Specifies the initial performance requirements and laboratory test methods for retroreflecting road studs intended for use as permanent and temporary road marking materials.
SANS 1707-1:2007	<i>Sawn eucalyptus timber – Part 1: Proof-graded structural timber.</i> Specifies requirements for two stress grades of proof-graded structural timber (including finger-jointed structural timber) derived from the eucalyptus species.
SANS 1707-2:2007	<i>Sawn eucalyptus timber – Part 2: Brandering and battens.</i> Specifies requirements for one grade of eucalyptus timber that is suitable for use as brandering and battens, i.e. intended for being fixed against the beams and joists in roofs for the attachment of ceilings and for the boxing in of eaves.
SANS 1463-2:2007/ EN 1463-2:2000	<i>Road marking materials – Retroreflecting road studs – Part 2: Road test performance specifications.</i> Describes a test method for carrying out road trials on retroreflecting road studs for use in both permanent and temporary applications. Specifications are given for test sites and for application patterns, and a recommendation is given for the presentation of the results in the form of a test report.
SANS 1833-6:2007/ ISO 1833-6:2007	<i>Textiles – Quantitative chemical analysis – Part 6: Mixtures of viscose or certain types of cupro or modal or lyocell and cotton fibres (method using formic acid and zinc chloride).</i> Specifies a method, using a mixture of formic acid and zinc chloride, to determine the percentage of cotton, after removal of non-fibrous matter, in textiles made of binary mixtures of viscose or some cupro, modal and lyocell fibres with cotton. If a cupro or modal or lyocell fibre is found to be present, a preliminary test is carried out to see whether it is soluble in the reagent. The method is not applicable to mixtures in which the cotton has suffered extensive chemical degradation, nor when the viscose, cupro, modal or lyocell fibre is rendered incompletely soluble by the presence of certain permanent finishes or reactive dyes that cannot be removed completely.
SANS 4306-3:2007/ ISO 4306-3:2003	<i>Cranes – Vocabulary – Part 3: Tower cranes.</i> Establishes definitions in English, French and Russian for the most commonly used terms in the field of cranes. Gives the general definition of a tower crane and illustrates the terminology used with each type of tower crane by the use of figures with referenced term numbers. It is applicable to (a) tower cranes that can be assembled and dismantled; and (b) permanently erected tower cranes. It is not applicable to (a) mobile boom cranes which may be fitted with a tower attachment; and (b) erection masts, with or without jibs.
SANS 5057:2007/ ISO 5057:1993	<i>Industrial trucks – Inspection and repair of fork arms in service on fork-lift trucks.</i> Specifies methods for inspection and repair of solid-section fork arms in use on all types of fork-lift trucks.
SANS 7296-3:2007/ ISO 7296-3:2006	<i>Cranes – Graphical symbols – Part 3: Tower cranes.</i> Establishes graphical symbols for use on operator controls and other displays on tower cranes as defined in ISO 4306-3 (published in South Africa as an identical adoption under the designation SANS 4306-3).

Standard No. and year	Title, scope and purport
SANS 7752-3:2007/ ISO 7752-3:1993	<i>Cranes – Controls – Layout and characteristics – Part 3: Tower cranes.</i> Specifies the particular requirements for controls for tower cranes as defined in ISO 4306-1 and ISO 4306-3 (published in South Africa as an identical adoption under the designation SANS 4306-3) and the arrangement of basic controls used for positioning loads. It applies to the controls of tower cranes for building and general construction work that can be dismantled, permanently erected tower cranes, hammerhead cranes, dockside and shipbuilders' tower cranes. It does not apply to the controls of power-driven mobile jib cranes which may be fitted with a tower attachment, erection masts, with or without jibs.
SANS 8566-3:2007/ ISO 8566-3:1992	<i>Cranes – Cabins – Part 3: Tower cranes.</i> Specifies the requirements for cabins for tower cranes, as defined in ISO 4306-3 (published in South Africa as an identical adoption under the designation SANS 4306-3). The general requirements for cabins for cranes, as defined in ISO 4306-1, are given in ISO 8566-1 (published in South Africa as an identical adoption under the designation SANS 4306-3). It also specifies the main characteristics of the control station which may be provided instead of a cabin.
SANS 8686-3:2007/ ISO 8686-3:1998	<i>Cranes – Design principles for loads and load combinations – Part 3: Tower cranes.</i> Gives specific values for factors to be used for loads on tower cranes.
SANS 9374-3:2007/ ISO 9374-3:2002	<i>Cranes – Information to be provided for enquiries, orders, offers and supply – Part 3: Tower cranes.</i> Specifies information to be provided by the purchaser when enquiring for a tower crane; by the purchaser when ordering a tower crane; by a manufacturer when offering (tendering) for a tower crane; and by the manufacturer when supplying a tower crane.
SANS 9926-3:2007/ ISO 9926-3:2005	<i>Cranes – Training of drivers – Part 3: Tower cranes.</i> Covers the specific subjects considered necessary for training tower crane drivers.
SANS 9942-3:2007/ ISO 9942-3:1999	<i>Cranes – Information labels – Part 3: Tower cranes.</i> Gives minimum requirements concerning information labels for tower cranes.
SANS 10972-3:2007/ ISO 10972-3:2003	<i>Cranes – Requirements for mechanisms – Part 3: Tower cranes.</i> Establishes requirements which apply specifically to the mechanisms and related components of tower cranes, in addition to the general requirements given in ISO 10972-1. These additional requirements concern a) the arrangement, features and characteristics of the crane mechanisms, and b) the minimum requirements for certain mechanism components. Rules for the proof of competence calculation regarding different limit states (yield strength, fatigue, wear) are excluded from this part of ISO 10972. Not applicable to the climbing mechanisms and related components used on tower cranes, nor to the climbing frame.
SANS 11040-1:2007/ ISO 11040-1:1992	<i>Prefilled syringes – Part 1: Glass cylinders for dental local anaesthetic cartridges.</i> Specifies the design, dimensions, materials, performance and test methods for glass cylinders for dental anaesthetic cartridges intended for single use only. Applies to primary packs used in direct contact with the drug.
SANS 11660-1:2007/ ISO 11660-1:1999	<i>Cranes – Access, guards and restraints – Part 1: General.</i> Establishes the general requirements for access to control stations and other areas of cranes, as defined in ISO 4306-1, during normal operation, maintenance, inspection, erection and dismantling. Guards and restraints are also dealt with in general, regarding the protection of persons on or near the crane as related to moving parts, falling objects or live parts. The particular requirements relating to access, guards and restraints for the various types of cranes and lifting appliances are given in the other parts of this standard. In some cases, the particular requirements may not comply with the general requirements. Different dimensions are allowed provided an equivalent degree of protection is achieved.
SANS 11660-3:2007/ ISO 11660-3:1999	<i>Cranes – Access, guards and restraints – Part 3: Tower cranes.</i> Establishes the general requirements for access to control stations and other areas of a crane, as defined in ISO 4306-1, during normal operations, maintenance, inspection, erection and dismantling. Guards and restraints are also dealt with in general, regarding the protection of persons on or near the crane in relation to moving parts, falling objects or live parts. Establishes the particular requirements relating to access, guards and restraints for tower cranes as defined in ISO 4306-1. Applicable to (a) dismantlable tower cranes for building and general construction work, (b) permanently erected tower cranes, (c) hammerhead cranes, and (d) dockside and shipbuilders tower cranes. It does not apply either to access to control stations and installations or to guards and restraints for (a) power-driven mobile jib cranes which may be fitted with a tower attachment, and (b) erection masts with or without jibs.
SANS 12485:2007/ ISO 12485:1998	<i>Tower cranes – Stability requirements.</i> Specifies the conditions to be met when verifying, by calculation, the stability of a tower crane, as defined in ISO 4306-3 (published in South Africa as an identical adoption under the designation SANS 4306-3), that is subject to tipping and drifting; it assumes that the crane is standing on a firm, level supporting surface or track.
SANS 13563-1:2007/ ISO 13563-1:2001	<i>Single side loading fork-lift trucks – Part 1: Stability tests.</i> Covers basic tests to verify the stability of single side loading fork-lift trucks with tiltable or non-tiltable mast or fork arms. It is applicable to trucks fitted with fork arms and/or attachments. This part of ISO 13563 is not applicable to trucks that handle suspended loads that can swing freely.
SANS 13563-2:2007/ ISO 13563-2:2001	<i>Single side loading fork-lift trucks – Part 2: Additional stability tests for trucks handling freight containers of 6 m length and above.</i> Specifies additional tests to verify the stability of single side loading fork-lift trucks when handling empty or laden freight containers of 6 m length and above. Specifies tests in addition to those specified in ISO 13563-1 (published in South Africa as an identical adoption under the designation SANS 13563-1).
SANS 14817:2007/ ISO 14817:2002	<i>Transport information and control systems – Requirements for an ITS/TICS central Data Registry and ITS/TICS Data Dictionaries.</i> Specifies the framework, formats, and procedures used to define information exchanges within the Intelligent Transport System/Transport Information and Control Systems (ITS/TICS) sector. Defines the content of the ITS/TICS central Data Registry and Data Dictionaries, the registration process to enter data concepts into the Data Registry.
SANS 15794:2007/ ISO 15794:2001	<i>Bi-directional and multi-directional fork-lift trucks – Stability tests.</i> Specifies basic tests to verify the stability of bi-directional and multi-directional fork-lift trucks with tiltable or non-tiltable mast or fork arms. Applicable to trucks fitted with fork arms and/or attachments but not applicable to trucks that handle suspended loads that can swing freely.

Standard No. and year	Title, scope and purport
SANS 15870:2007/ ISO 15870:2000	<i>Powered industrial trucks – Safety signs and hazard pictorials – General principles.</i> Establishes general principles for the design and application of safety signs and hazard pictorials permanently affixed to all types of industrial trucks including those defined in ISO 5053. This standard outlines safety sign objectives, describes the basic safety sign formats and colours, and provides guidance on developing the various panels that together constitute a safety sign.
SANS 18234-1:2007/ ISO/TS 18234-1:2006	<i>Traffic and Travel Information (TTI) – TTI via Transport Protocol Expert Group (TPEG) data-streams – Part 1: Introduction, numbering and versions.</i> Provides an introduction and index to the initial set of TPEG applications and specifications. Allows the indexing of new applications as they are added to the TPEG applications family by defining their Application Identification (AID). As such developments occur, this document will be updated to indicate the latest status and the interworking of the various TPEG specifications. Will be issued as a new editorial version every time a new issue of any other specification is issued.
SANS 18234-3:2007/ ISO/TS 18234-3:2006	<i>Traffic and Travel Information (TTI) – TTI via Transport Protocol Expert Group (TPEG) data-streams – Part 3: Service and Network Information (SNI) application.</i> Establishes the method of delivering service and network information (SNI) within a TPEG service. The TPEG-SNI application is designed to allow the efficient and language independent delivery of information about the availability of the same service on another bearer channel or similar service data from another service provider, directly from service provider to end-users.
SANS 18234-4:2007/ ISO/TS 18234-4:2006	<i>Traffic and Travel Information (TTI) – TTI via Transport Protocol Expert Group (TPEG) data-streams – Part 4: Road Traffic Message (RTM) application.</i> Establishes the method of delivering Road Traffic Messages within a TPEG service. The TPEG-RTM application is designed to allow the efficient and language independent delivery of road information directly from service provider to end-users. The information provided relates to event and some status information on the road network and on associated infrastructure affecting a road journey.
SANS 18234-6:2007/ ISO/TS 18234-6:2006	<i>Traffic and Travel Information (TTI) – TTI via Transport Protocol Expert Group (TPEG) data-streams – Part 6: Location referencing applications.</i> Establishes the method of location referencing used by TPEG applications such as TPEG-RTM or TPEG-PTI. TPEG applications are specified to contain all the information required by a client TPEG-decoder (i.e. both location referencing and event information), to present all the information intended for the end-user when it was originated by the service provider.
SANS 19752:2007/ ISO/IEC 19752:2004	<i>Information technology – Method for the determination of toner cartridge yield for monochromatic electrophotographic printers and multi-function devices that contain printer components.</i> Limited to evaluation and measurement of toner cartridge yield for toner containing cartridges (i.e. all-in-one toner cartridges and toner cartridges without a photoconductor) for monochrome electrophotographic printers. Can be applied to the printer component of any multifunctional device with a digital input-printing path (i.e. multifunctional devices that contain printer components).
SANS 19798:2007/ ISO/IEC 19798:2007	<i>Method for the determination of toner cartridge yield for colour printers and multi-function devices that contain printer components.</i> Limited to evaluation of toner cartridge page yield for toner-containing cartridges (i.e. all-in-one toner cartridges and toner cartridges without a photoconductor) for colour electro-photographic printers. Can be applied to the printer component of any multi-functional device that has a digital input printing path, including multifunctional devices that contain electro-photographic printer components.
SANS 20065:2007/ ECE R65:2005	<i>Uniform provisions concerning the approval of special warning lamps for power-driven vehicles and their trailers.</i> Applies to special warning lamps for vehicle category L, M, N, O, and T and for mobile machinery.
SANS 24014-1:2007/ ISO 24014-1:2007	<i>Public transport – Interoperable fare management system – Part 1: Architecture.</i> Provides the basis for the development of multi-operator/ multi-service Interoperable public surface (including subways) transport Fare Management Systems (IFMSs) on a national and international level.
SANS 24134:2007/ ISO 24134:2006	<i>Industrial trucks – Additional requirements for automated functions on trucks.</i> Specifies the safety requirements for controls and control systems for automated functions of industrial trucks. This standard is intended for use in conjunction with one or more of the applicable parts of ISO 3691.
SANS 24135-1:2007/ ISO 24135-1:2006	<i>Industrial trucks – Specifications and test methods for operator restraint systems – Part 1: Lap-type seat belts.</i> Specifies requirements and test methods for operator lap-type seat belt assemblies and their associated mounting structure on industrial trucks.
SANS 24535:2007	<i>Intelligent transport systems – Framework for electronic registration and identification of vehicles using passive radio frequency identification (RFID).</i> Covers the use of passive RFID devices to uniquely identify all vehicles on public roads. Provides a framework for control over the registration and issuance of a passive RFID device during the normal licensing processes executed in terms of the applicable legislation.
SANS 50881:2007/ EN 881:2004	<i>Chemicals used for treatment of water intended for human consumption – Aluminium chloride (monomeric), aluminium chloride hydroxide (monomeric) and aluminium chloride hydroxide sulfate (monomeric).</i> Applicable to aluminium chloride (monomeric), aluminium chloride hydroxide (monomeric) and aluminium chloride hydroxide sulfate (monomeric) used for treatment of water intended for human consumption. Describes the characteristics and specifies the requirements of aluminium chloride, aluminium chloride hydroxide and aluminium chloride hydroxide sulfate (monomeric) and refers to the corresponding analytical methods. It also gives information on their use in water treatment.
SANS 50883:2007/ EN 883:2004	<i>Chemicals used for treatment of water intended for human consumption – Polyaluminium chloride hydroxide and polyaluminium chloride hydroxide sulfate.</i> Applicable to polyaluminium chloride hydroxide and polyaluminium chloride hydroxide sulfate used for treatment of water intended for human consumption. Describes the characteristics and specifies the requirements of polyaluminium chloride hydroxide and polyaluminium chloride hydroxide sulfate and refers to the corresponding analytical methods. It also gives information on their use in water treatment.

Standard No. and year	Title, scope and purport
SANS 50886:2007/ EN 886:2004	<i>Chemicals used for treatment of water intended for human consumption – Polyaluminium hydroxide silicate sulfate.</i> Applicable to polyaluminium hydroxide silicate sulfate used for treatment of water intended for human consumption. Describes the characteristics of polyaluminium hydroxide silicate sulfate and specifies the requirements for polyaluminium hydroxide silicate sulfate and refers to the corresponding analytical methods. It also gives information on its use in water treatment.
SANS 50896:2007/ EN 896:2005	<i>Chemicals used for treatment of water intended for human consumption – Sodium hydroxide.</i> Applies to sodium hydroxide used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements and the corresponding test methods for sodium hydroxide. It gives information on its use in water treatment.
SANS 50897:2007/ EN 897:2005	<i>Chemicals used for treatment of water intended for human consumption – Sodium carbonate.</i> Applies to sodium carbonate used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements and the corresponding test methods for sodium carbonate. It gives information on its use in water treatment.
SANS 50898:2007/ EN 898:2005	<i>Chemicals used for treatment of water intended for human consumption – Sodium hydrogen carbonate.</i> Applicable to sodium hydrogen carbonate used for treatment of water intended for human consumption. It describes the characteristics and specifies the requirements and the corresponding test methods for sodium hydrogen carbonate. It gives information on its use in water treatment.
SANS 51302:2007/ EN 1302:1999	<i>Chemicals used for treatment of water intended for human consumption – Aluminium-based coagulants – Analytical methods.</i> Applicable to aluminium-based coagulants used for treatment of water intended for human consumption. Specifies analytical methods to be used for products described in EN 878, EN 881, EN 882, EN 883, EN 885, EN 886, EN 887 and EN 935 (published in South Africa as identical adoptions under the designations SANS 50878, SANS 50881, SANS 50882, SANS 50883, SANS 50885, SANS 50886, SANS 50887 and SANS 50935).
SANS 51407:2007/ EN 1407:1998	<i>Chemicals used for treatment of water intended for human consumption – Anionic and non-ionic polyacrylamides.</i> Applicable to anionic and non-ionic polyacrylamides used for treatment of water intended for human consumption. Describes the characteristics and specifies the requirements and the test methods for anionic and non-ionic polyacrylamides. It also gives information on origin, use and handling of anionic and non-ionic polyacrylamides.
SANS 51409:2007/ EN 1409:1998	<i>Chemicals used for treatment of water intended for human consumption – Polyamines.</i> Applicable to polyamines used for treatment of water intended for human consumption. Describes the characteristics and specifies the requirements and corresponding test methods for polyamines. It also gives information on the origin, use and handling of polyamines.
SANS 51410:2007/ EN 1410:1998	<i>Chemicals used for treatment of water intended for human consumption – Cationic polyacrylamides.</i> Applicable to cationic polyacrylamides used for treatment of water intended for human consumption. Describes the characteristics of cationic polyacrylamides and specifies the requirements and corresponding test methods for cationic polyacrylamides. It also gives information on the origin, use and handling of cationic polyacrylamides.
SANS 60155:2007/ IEC 60155:1993	<i>Glow-starters for fluorescent lamps.</i> Specifies interchangeable glow-starters used with pre-heat type fluorescent lamps.
SANS 60799:2007/ IEC 60799:1998	<i>Electrical accessories – Cord sets and interconnection cord sets.</i> Specifies requirements for cord sets and interconnection cord sets for household and similar general purpose equipment. Does not apply to cord sets for industrial purposes nor to cord extension sets.
SANS 61291-1:2007/ IEC 61291-1:2006	<i>Optical amplifiers – Part 1: Generic specification.</i> Applies to all commercially available optical amplifiers (OAs) and optically amplified assemblies. Applies to OAs using optically pumped fibres (OFAs based either on rare-earth doped fibres or on the Raman effect), semiconductors (SOAs), and waveguides (POWAs).
SANS 61534-1:2007/ IEC 61534-1:2003	<i>Powertrack systems – Part 1: General requirements.</i> Specifies general requirements and tests for powertrack (PT) systems with a rated voltage not exceeding 277 V a.c. single phase, or 480 V a.c. two or three phase 50 Hz/60 Hz, with a rated current not exceeding 63 A. These systems are used for distributing electricity in household, commercial and industrial premises.
SANS 62055-41:2007/ IEC 62055-41:2007	<i>Electricity metering – Payment systems – Part 41: Standard transfer specification (STS) – Application layer protocol for one-way token carrier systems.</i> Specifies the application layer protocol of the standard transfer specification (STS) for transferring units of credit and other management information from a point-of-sale (POS) system to an STS-compliant payment meter in a one-way token carrier system. Primarily intended for application with electricity payment meters without tariff employing energy-based tokens, but may also have application with currency-based token systems and for services other than electricity.
SANS 62271-202:2007/ IEC 62271-202:2006	<i>High-voltage switchgear and controlgear – Part 202: High-voltage/low-voltage prefabricated substation.</i> Specifies the service conditions, rated characteristics, general structural requirements and test methods of HV/LV or LV/HV prefabricated substations, which are cable connected, to be operated from inside (walk-in type) or outside (non-walk-in type) for alternating current of rated voltages above 1 kV and up to and including 52 kV on the HV side, and for one or more transformers for service frequencies up to and including 60 Hz for outdoor installation in locations with public accessibility.
SANS 300706:2007/ ETSI EN 300706:2003	<i>Enhanced Teletext specification.</i> Defines the application of CCIR Teletext System B, which is optimized for broadcast media using cable, terrestrial and satellite transmission and the associated service and product environment.

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 86:2007 (Ed. 4.1)	<i>Threads per unit length in woven textile fabrics (other than narrow fabrics, and having more than 10 threads per cm): counting-glass method. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 87:2007 (Ed. 4.1)	<i>Threads per unit length in woven textile fabrics (other than narrow fabrics): traversing thread counter method. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 88: 2007 (Ed. 4.1)	<i>Threads per unit length in woven textile fabrics (other than narrow fabrics): dissection of fabric method. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 133:1993/ ISO 1213-1:1993	<i>Solid mineral fuels – Vocabulary – Part 1: Terms relating to coal preparation. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 156:2007 (Ed. 3.3)	<i>Moulded-case circuit-breakers. Consolidated edition incorporating amendment No. 3.</i> Amended to change the designation from SABS to SANS, to update the definition of acceptable and to update referenced standards.
SANS 212:2007/ CISPR 12:2007	<i>Vehicles, boats, and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the protection of off-board receivers.</i> Gives limits that are designed to provide protection for broadcast receivers in the frequency range of 30 MHz to 1 000 MHz when used in the residential environment.
SANS 216-4-1:2005/ CISPR/TR 16-4-1:2005 (Ed. 1.1)	<i>Specification for radio disturbance and immunity measuring apparatus and methods – Part 4-1: Uncertainties, statistics and limit modelling – Uncertainties in standardized EMC tests. CISPR/TR amendment No. 2.</i> Amended to provide information and guidance for the determination of uncertainties associated with measurement equipment and the measurement method used for radiated emission measurements in the frequency range of 30 MHz to 1 000 MHz in a semi-anechoic chamber or on an open-area test site.
SANS 296:2007 (SABS 296:1993)	<i>Sodium hypochlorite solutions.</i> Specifies the characteristics of three aqueous concentrations of sodium hypochlorite solution suitable for industrial and domestic use.
SANS 349:1975/ ISO 349:1975	<i>Hard coal – Audibert-Arnu dilatometer test. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 428:2007 (Ed. 1.1)	<i>Fire performance classification of thermal insulated building envelope systems. Consolidated edition incorporating amendment No. 1.</i> Amended to change the requirements for an insulated wall and roof coated system and performance requirements of the large-scale application evaluation, to update the testing flow diagram and to update the surface fire properties and use identification in the classification of materials.
SANS 431:2007 (Ed. 2.1)	<i>Liners and fluting for corrugated board. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to remove reference to the standardization mark and to update a referenced standard.
SANS 502:1982/ ISO 502:1982	<i>Coal – Determination of caking power – Gray-King coke test. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 619:2007 (Ed. 2.2)	<i>Emulsifiable cutting oil (light duty). Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 647:1974/ ISO 647:1974	<i>Brown coals and lignites – Determination of the yields of tar, water, gas and coke residue by low temperature distillation. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 652:2007 (Ed. 2.1)	<i>Carbon paper (Metric units). 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 modify the requirements for apparatus.
SANS 681:2007 (Ed. 3.2)	<i>Undercoats for paints. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 913:2007 (SABS 913:1971)	<i>Springspikes for light rails.</i> Covers the requirements for springspikes for flat-bottom rails of mass per length 15 kg/m, 22 kg/m, and 30 kg/m. It does not cover springspikes used in the national rail network.
SANS 915:2007 (SABS 915:1972)	<i>Coach screws for light rails.</i> Specifies the dimensional and constructional requirements for coach screws for flat-bottom rails of mass per length 15 kg/m, 22 kg/m, and 30 kg/m.
SANS 933:2007 (Ed. 2.2)	<i>Corrugated board containers for the export of citrus fruit. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards and to update the definition of "acceptable".
SANS 951:2007 (Ed. 3.1)	<i>Fire-resistant record protection equipment. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to update the referenced standards.
SANS 974-2:2007 (Ed. 1.1)	<i>Rubber joint rings (non-cellular) – Part 2: Joint rings for use in the dairy industry. 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".

Standard No. and year	Title, scope and purport
SANS 1011:2007 (Ed. 1.2)	<i>Shapes, sizes, and marking of grinding wheels. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards and to update the definition of "acceptable".
SANS 1014:1985/ ISO 1014:1985	<i>Coke – Determination of true relative density, apparent relative density and porosity. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 1029:2007 (Ed. 2.1)	<i>Miniature substations. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 1237:2007 (Ed. 3.1)	<i>Single-stage regulators for liquefied petroleum gas (LPG). Consolidated edition incorporating amendment No. 1.</i> Amended to change the title, add new detail to the scope, modify the introductory paragraph to normative references, update referenced standards, change and add definitions, include requirements for materials, design and construction of regulators, inspection and methods of test, modify the performance requirements for the set outlet pressure, flow rates and endurance, modify a formula and the requirements for marking, include instructions for the use and maintenance of regulators, and revise the annex on the installation and use of regulators.
SANS 1370:2007 (Ed. 1.2)	<i>Fluxes for the submerged arc welding of carbon and carbon manganese steels. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards and to update a referenced standard.
SANS 1401-1:2007 (Ed. 2.1)	<i>Woven cotton and similar household fabrics and articles – Part 1: Basic requirements for piece-goods and made-up articles. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards and to replace the words "transfer cloths" with "adjacent fabrics".
SANS 1401-2:2007 (Ed. 2.1)	<i>Woven cotton and similar household fabrics and articles – Part 2: Winter sheeting, sheets and pillowcases. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards and to replace the words "transfer cloths" with "adjacent fabrics".
SANS 1401-3:2007 (Ed. 2.1)	<i>Woven cotton and similar household fabrics and articles – Part 3: Cotton sheeting, sheets, and pillowcases. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards and to replace the words "transfer cloths" with "adjacent fabrics".
SANS 1401-4:2007 (Ed. 2.1)	<i>Woven cotton and similar household fabrics and articles – Part 4: Polyester-and-cotton sheeting, sheets and pillowcases. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards and to replace the words "transfer cloths" with "adjacent fabrics".
SANS 1401-5:2007 (Ed. 2.1)	<i>Woven cotton and similar household fabrics and articles – Part 5: Terry towelling, towels, and other terry weave articles. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards and to replace the words "transfer cloths" with "adjacent fabrics".
SANS 1401-6:2007 (Ed. 2.1)	<i>Woven cotton and similar household fabrics and articles – Part 6: Cotton curtain fabrics. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards and to replace the words "transfer cloths" with "adjacent fabrics".
SANS 1401-7:2007 (Ed. 2.1)	<i>Woven cotton and similar household fabrics and articles – Part 7: Cotton curtain lining. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards and to replace the words "transfer cloths" with "adjacent fabrics".
SANS 1401-8:2007 (Ed. 2.1)	<i>Woven cotton and similar household fabrics and articles – Part 8: Bedspread fabrics and bedspreads. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards and to replace the words "transfer cloths" with "adjacent fabrics".
SANS 1401-9:2007 (Ed. 2.1)	<i>Woven cotton and similar household fabrics and articles – Part 9: Cotton flannelette duster fabric and dusters. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards and to replace the words "transfer cloths" with "adjacent fabrics".
SANS 1401-10:2007 (Ed. 2.1)	<i>Woven cotton and similar household fabrics and articles – Part 10: Cotton ticking. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards and to replace the words "transfer cloths" with "adjacent fabrics".
SANS 1401-11:2007 (Ed. 2.1)	<i>Woven cotton and similar household fabrics and articles – Part 11: Featherproof fabrics. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 1401-12:2007 (Ed. 2.1)	<i>Woven cotton and similar household fabrics and articles – Part 12: Kitchen cloth fabric and kitchen cloths. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards and to replace the words "transfer cloths" with "adjacent fabrics".
SANS 1401-13:2007 (Ed. 2.1)	<i>Woven cotton and similar household fabrics and articles – Part 13: Cotton huckaback towelling and towels. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards and to replace the words "transfer cloths" with "adjacent fabrics".
SANS 1401-14:2007 (Ed. 2.1)	<i>Woven cotton and similar household fabrics and articles – Part 14: Cotton table-cloth fabric, table-cloths, and table napkins. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards and to replace the words "transfer cloths" with "adjacent fabrics".
SANS 1401-15:2007 (Ed. 2.1)	<i>Woven cotton and similar household fabrics and articles – Part 15: Cotton dishcloth fabrics and dishcloths. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards and to replace the words "transfer cloths" with "adjacent fabrics".
SANS 1447-1:2007 (Ed. 2.1)	<i>Braking (motor and towed vehicles, designed for low speed or for use off public roads) – Part 1: Low speed vehicles. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.

Standard No. and year	Title, scope and purport
SANS 1463-1:2007/ EN 1463-1:1997	<i>Road marking materials - Retroreflecting road studs – Part 1: Initial performance requirements. EN amendment No. 1.</i> Amended to add new information to the foreword, to update the clause on marking requirements, and to add annex ZA.
SANS 1505-2:2007 (Ed. 2.3)	<i>Ball type couplings and towing brackets for towing caravans and light trailers – Part 2: Coupling balls and ball supports. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 1505-3:2007 (Ed. 2.3)	<i>Ball type couplings and towing brackets for towing caravans and light trailers – Part 3: Coupling sockets. Consolidated edition incorporating amendment No. 3.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 1575:2007 (Ed. 1.1)	<i>Burnt clay paving units. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to delete the clause on normative references, to update the definition of "acceptable", to delete reference to the certification mark and to update the referenced standards.
SANS 1657:2007 (SABS 1657:2003)	<i>Bottled water of subterranean origin.</i> Specifies the description, treatment, testing, bottling, packaging and labelling of two types of water of subterranean origin and bottled at source.
SANS 1733:2007 (Ed. 1.2)	<i>WC flushing systems (low-flushing capacity) that operate with flushing cisterns. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, and to delete a footnote.
SANS 1783-1:2007 (Ed. 1.3)	<i>Sawn softwood timber – Part 1: General requirements. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards and other publications, to delete the test for discoloration, to renumber annex D (Bibliography), and to insert a new annex D that outlines the protocol for imported structural timber.
SANS 1783-2:2007 (Ed. 1.6)	<i>Sawn softwood timber – Part 2: Stress-graded structural timber and timber for frame wall construction. Consolidated edition incorporating amendment No. 6.</i> Amended to update referenced standards, to include a requirement for imported timber, to delete reference to single defects and to discoloration, to change two of the permissible defects in table 2, to change the verification requirements for visually graded timber, to change the requirements for the marking of regularized timber, and to renumber annex C (Bibliography).
SANS 1783-4:2007 (Ed. 1.3)	<i>Sawn softwood timber – Part 4: Brandering and battens. Consolidated edition incorporating amendment No. 3.</i> Amended to change the requirement for splits, to change some of the permissible knot and knot hole dimensions in table 1 and to add others, to delete one of the permissible defects (discoloration) in table 2 and to add others, to include dimensions for millimetres for permissible twist in table 3, and to renumber annex C (Bibliography).
SANS 1790-1:2007 (Ed. 1.1)	<i>Low power radio broadcast transmissions – Part 1: AM transmissions. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to correct the general title, and to update reference to the telecommunications Regulator and the relevant Act.
SANS 1790-2:2007 (Ed. 1.1)	<i>Low power radio broadcast transmissions – Part 2: FM transmissions. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, and to update reference to the telecommunications Regulator and the relevant Act.
SANS 1804-1:2007 (SABS 1804-1:2001)	<i>Induction motors – Part 1: IEC requirements.</i> Specifies requirements for induction motors that are intended to comply with the mandatory requirements of SANS 60034 and SANS 60072. Also covers those requirements of SANS 60034 and SANS 60072 that need to be specified by the purchaser or agreed upon between the manufacturer and the purchaser.
SANS 1804-2:2007 (Ed. 1.4)	<i>Induction motors – Part 2: Low-voltage three-phase standard motors. Consolidated edition incorporating amendment No. 4.</i> Amended to add requirements for concentricity and perpendicularity and for shaft run-out of flange-mounted motors, to correct the heading designations in columns 13, 14, 15 and 16 in table 3, to delete a reference to the certification mark, and to update referenced standards.
SANS 1808-15:2007 (Ed. 1.1)	<i>Water supply and distribution system components – Part 15: Mechanical backflow-prevention devices. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to update referenced standards.
SANS 1814:2007 (Ed. 1.2)	<i>D.C. supplied luminaires for fluorescent lamps. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, and to update referenced standards.
SANS 1928:1995/ ISO 1928:1995	<i>Solid mineral fuels – Determination of gross calorific value by the bomb calorimetric method, and calculation of net calorific value.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 1953:1994/ ISO 1953:1994	<i>Hard coal – Size analysis by sieving. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 5074:1994/ ISO 5074:1994	<i>Hard coal – Determination of Hardgrove grindability index. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 5221:2007 (Ed. 4.3)	<i>Microbiological analysis of water – General test methods. Consolidated edition incorporating amendment No. 2.</i> Amended to add a footnote regarding alternate methodologies for heterotrophic plate count in water samples (clause 8).
SANS 5233:2007 (SABS SM 233:1978)	<i>Pesticides – Biological evaluation of the efficacy of mists and fogs.</i> Specifies a method for the biological evaluation of the efficacy of pesticidal mists and fogs.
SANS 5422:2007 (SABS SM 422:1979)	<i>Pesticides – Biological evaluation of insecticidal sprays on compost (laboratory test).</i> Specifies a laboratory test for the biological evaluation of insecticidal sprays on compost.

Standard No. and year	Title, scope and purport
SANS 5526:2007 (SABS SM 526:1980)	<i>Dielectric resistance of electric cables.</i> Describes the method for determining the dielectric resistance of electric cables.
SANS 5570:2007 (SABS SM 570:1970)	<i>Pesticides – Insecticidal oil-based space sprays in low-pressurized dispensers – Determination of the combustibility (closed drum test).</i> Specifies a method for the determination of the combustibility (closed drum test) of insecticidal oil-based space sprays in low-pressurized dispensers.
SANS 5571:2007 (SABS SM 571:1970)	<i>Pesticides – Insecticidal oil-based space sprays in low-pressurized dispensers – Determination of non-volatile content.</i> Specifies a method for the determination of non-volatile matter content of insecticidal oil-based space sprays in low-pressurized dispensers.
SANS 5572:2007 (SABS SM 572:1970)	<i>Pesticides – Insecticidal oil-based space sprays in low-pressurized dispensers – Determination of crazing effect on organic glass (polyacrylate sheet).</i> Specifies a method for the determination of the crazing effect of insecticidal oil-based space sprays in low-pressurized dispensers on organic glass (polyacrylate sheet).
SANS 5575:2007 (SABS SM 575:1968)	<i>Pesticides – Testing of valves of filled insecticidal low-pressurized dispensers for clogging.</i> Specifies a method for the testing of valves of filled insecticidal low-pressurized dispensers for clogging.
SANS 5686:2007 (SABS SM 686:1981)	<i>Pesticides – Aromatic plus heterocyclic fraction content and naphthenic plus paraffinic fraction content of insecticidal petroleum base oils.</i> Specifies a method intended for the separation and determination of the aromatic plus heterocyclic (A+H) and naphthenic plus paraffinic (N+P) contents of unformulated mineral base oils and base oils extracted from emulsifiable concentrates of insecticidal petroleum oils.
SANS 5687:2007 (SABS SM 687:1981)	<i>Pesticides – Oil content and emulsifier content of emulsifiable concentrates of insecticidal petroleum oils.</i> Specifies a method for the determination of oil content and emulsifier content of emulsifiable concentrates of insecticidal petroleum oils.
SANS 5694:2007 (SABS SM 694:1981)	<i>Pesticides – Biological testing of the efficacy of rodenticides.</i> Specifies a method for the biological testing of the efficacy of rodenticides.
SANS 5726:2007 (SABS SM 726:1988)	<i>Seaming properties of woven textile fabrics.</i> Specifies a method for the determination of the seaming properties of woven textile fabrics.
SANS 5858:2007 (SABS SM 858:1976)	<i>Pesticides – Biological evaluation of mosquito larvicides in artificially created mosquito breeding places.</i> Specifies a method for the biological evaluation of mosquito larvicides in artificially created mosquito breeding places.
SANS 5889:2007 (SABS SM 889:1977)	<i>Pesticides – Biological evaluation of materials containing insecticide(s) having a fumigant action.</i> Specifies a method for the biological evaluation of materials containing insecticide(s) having fumigant action.
SANS 5966:2007 (Ed. 3.1)	<i>Removable non-fibrous material content of textiles (scouring method). Consolidated edition incorporating amendment No. 1.</i> Amended to update the normative reference for soap.
SANS 5980:2007 (SABS SM 980:1979)	<i>Softening point of the non-volatile matter of wax polishes.</i> Specifies a method for the determination of the softening point of the non-volatile matter of wax polishes.
SANS 6138:2007/ IEC 60332-1:1979 (SABS SM 1138:1990)	<i>Resistance of cables and cords to flame propagation – Single vertical insulated cable or cord.</i> Specifies a method for the determination of the resistance to flame propagation of single vertical insulated cable or cord.
SANS 6267:2007 (Ed. 1.1)	<i>Enumeration of lipolytic and oxidative organisms in foodstuffs. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, and to change the temperature for autoclaving.
SANS 6268:2007 (Ed. 1.1)	<i>Microbiological examination of foodstuffs in retort pouches. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 6278:2007 (Ed. 2.1)	<i>Boric acid equivalent mass concentration of aqueous solutions that contain borate timber preservatives. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 6282-1:2007 (SABS SM 1282-1:2002)	<i>Test methods for bare conductors and conductors of insulated electric cables – Part 1: Conductor resistance.</i> Specifies methods for determining the conductor resistance of power cables, multi-pair telecommunication cables and cable specimens.
SANS 6282-2:2007 (SABS SM 1282-2:2002)	<i>Test methods for bare conductors and conductors of insulated electric cables – Part 2: Quality of metallic coatings.</i> Specifies methods for conducting the persulfate test on tinned conductors; and measuring the continuity of nickel coating, the adherence of nickel coating and the continuity of silver coating, on annealed copper conductor wire.
SANS 6282-3:2007 (SABS SM 1282-3:2002)	<i>Test methods for bare conductors and conductors of insulated electric cables – Part 3: Mechanical tests.</i> Specifies methods for determining the elongation at break of wire, and the tensile strength and breaking force of high-tensile strength conductors, and for carrying out the lapping test and the twisting test on hard-drawn and high-tensile conductors.
SANS 6289:2007 (SABS SM 1289:1999)	<i>Impulse voltage tests on cable and accessories of rated voltage up to and including 132 kV.</i> Specifies methods for carrying out impulse voltage tests on cable, joints and terminations of rated voltage up to and including 132 kV.
SANS 6391:1997/ ISO 6391:1997	<i>Meat and meat products – Enumeration of Escherichia coli – Colony-count technique at 44 °C using membranes. National amendment No.1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 7404-1:1994/ ISO 7404-1:1994	<i>Methods for the petrographic analysis of bituminous coal and anthracite – Part 1: Vocabulary. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 7404-2:1985/ ISO 7404-2:1985	<i>Methods for the petrographic analysis of bituminous coal and anthracite – Part 2: Method of preparing coal samples. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.

Standard No. and year	Title, scope and purport
SANS 7404-3:1994/ ISO 7404-3:1994	<i>Methods for the petrographic analysis of bituminous coal and anthracite – Part 3: Method of determining maceral group composition. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes
SANS 7404-5:1994/ ISO 7404-5:1994	<i>Methods for the petrographic analysis of bituminous coal and anthracite – Part 5: Method of determining microscopically the reflectance of vitrinite. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes
SANS 7937:2007/ ISO 7937:2004	<i>Microbiology of food and animal feeding stuffs - Horizontal method for the enumeration of Clostridium perfringens - Colony-count technique.</i> Describes a horizontal method for the enumeration of viable Clostridium perfringens in products intended for human consumption and the feeding of animals, and for environmental samples in the food production and food handling areas.
SANS 7937:2007/ ISO 7937:2004 (SABS ISO 7937:1997)	<i>Microbiology of food and animal feeding stuffs – Horizontal method for the enumeration of Clostridium perfringens - Colony-count technique.</i> Describes a horizontal method for the enumeration of viable Clostridium perfringens in products intended for human consumption and the feeding of animals, and for environmental samples in the food production and food handling areas.
SANS 8264:1989/ ISO 8264:1989	<i>Hard coal – Determination of the swelling properties using a dilatometer. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes
SANS 8773:2007/ ISO 8773:2006	<i>Plastics piping systems for non-pressure underground drainage and sewerage – Polypropylene (PP).</i> Specifies the requirements for polypropylene (PP) pipes, fittings and piping systems intended for use for non-pressure underground drainage and sewerage for the conveyance of soil and waste discharge of domestic and industrial origin, as well as surface water.
SANS 8833:1989/ ISO 8833:1989	<i>Magnetite for use in coal preparation – Test methods. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes
SANS 9177-1:1989/ ISO 9177-1:1989	<i>Mechanical pencils – Part 1: Classification, dimensions, performance requirements and testing. National amendment No. 1.</i> Amended to change the designation from SABS to SANS with no technical changes.
SANS 9177-2:1989/ ISO 9177-2:1989	<i>Mechanical pencils – Part 2: Black leads – Classification and dimensions. National amendment No. 2.</i> Amended to change the designation from SABS to SANS with no technical changes.
SANS 9809-1:1999/ ISO 9809-1:1999	<i>Gas cylinders – Refillable seamless steel gas cylinders – Design, construction and testing – Part 1: Quenched and tempered steel cylinders with tensile strength less than 1 100 MPa. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 9809-2:2000/ ISO 9809-2:2000	<i>Gas cylinders – Refillable seamless steel gas cylinders – Design, construction and testing – Part 2: Quenched and tempered steel cylinders with tensile strength greater than or equal to 1 100 MPa. National amendment No. 1.</i> Amended to change designation from SABS to SANS, with no technical changes.
SANS 9809-3:2000/ ISO 9809-3:2000	<i>Gas cylinders – Refillable seamless steel gas cylinders – Design, construction and testing – Part 3: Normalized steel cylinders. National amendment No. 1.</i> Amended to change designation from SABS to SANS, with no technical changes.
SANS 9854-1:1994/ ISO 9854-1:1994	<i>Thermoplastics pipes for the transport of fluids – Determination of pendulum impact strength by the Charpy method – Part 1: General test method. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 10047:2007 (Ed. 5.1)	<i>The testing of motor vehicles for roadworthiness. Consolidated edition incorporating amendment No. 1.</i> Amended to correct the status of annexes in the foreword, to update referenced standards, and to delete rejection criteria regarding noise testing requirements (5.3(h)).
SANS 10082:2007 (SABS 082:1988)	<i>Timber frame buildings.</i> Covers practices to be followed in the design and construction of single-storey and double-storey timber frame buildings and portions of such buildings.
SANS 10098-1:2007 (Ed. 3.3)	<i>Public lighting – Part 1: The lighting of public thoroughfares. Consolidated edition incorporating amendment No. 3.</i> Amended to update referenced standards.
SANS 10136:2007 (Ed. 2.1)	<i>The cleaning and disinfecting of dairy equipment and soft-serve dispensing units. Consolidated edition incorporating amendment No. 1.</i> Amended to replace reference to SANS 10265 with SANS 10234.
SANS 10140-5:2007 (Ed. 2.2)	<i>Identification colour marking – Part 5: Coding of containers for carrying lubricants and associated fluids. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to include annex A in the foreword and to replace the table that contains colour references (table 5).
SANS 10191:2007/ ISO 3740:2000	<i>Acoustics – Determination of sound power levels of noise sources – Guidelines for the use of basic standards.</i> Provides guidance for the use of a series of nine standards describing various methods for determining the sound power levels from all types of machinery and equipment. It provides brief summaries of these basic standards and guidance on the selection of one or more of these standards which are appropriate to any particular type. The guidance given applies only to airborne sound. It is for use in the preparation of noise test codes and also in noise testing where no specific noise test code exists.

Standard No. and year	Title, scope and purport
SANS 10196:2007/ ISO 3745:2003	<i>Acoustics – Determination of sound power levels of noise sources using sound pressure – Precision methods for anechoic and hemi-anechoic rooms.</i> Specifies methods for measuring the sound pressure levels on a measurement surface enveloping a noise source in anechoic and hemi-anechoic rooms, in order to determine the sound power level or sound energy level produced by the noise source. It gives requirements for the test environment and instrumentation, as well as techniques for obtaining the surface sound pressure level from which the sound power level or sound energy level is calculated, leading to results which have a grade 1 accuracy. The methods specified in this standard are suitable for measurements of all types of noise.
SANS 10205:2007 (Ed. 1.1)	<i>The measurement of noise emitted by motor vehicles in motion. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, and to update referenced standards.
SANS 10206:2007 (Ed. 2.1)	<i>The handling, storage and disposal of pesticides. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards and to remove the word "material" from material safety data sheet (MSDS).
SANS 10216:2007 (Ed. 4.1)	<i>Evaluation of vehicle test stations. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, and to delete equipment in the table on calibration periods (table 1) and in the annex on facilities and equipment requirements (annex A).
SANS 10354:2007 (SABS 0354:2001)	<i>The safe application of underground railway driven and non-driven wheel sets.</i> Specifies the technical aspects relating to the design, construction, installation, maintenance and safe usage of underground railway driven and non-driven wheel sets and associated equipment. Applicable to wheel sets used on underground railway tracks, and shall not exclude tracks found on the surface servicing the shaft itself.
SANS 10404:2007	<i>The design and safe use of underground mine rolling stock.</i> Specifies the technical aspects relating to the design, fabrication, maintenance and safe usage of underground track-bound rolling stock, excluding dedicated incline winder conveyance cars.
SANS 10752:1994/ ISO 10752:1994	<i>Coal sizing equipment – Performance evaluation. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes
SANS 11014-1:1994/ ISO 11014-1:1994	<i>Safety data sheet for chemical products – Part 1: Content and order of sections. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 11120:1999/ ISO 11120:1999	<i>Gas cylinders – Refillable seamless steel tubes of water capacity between 150 l and 3 000 l – Design, construction and testing. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 11540:1993/ ISO 11540:1993	<i>Caps for writing and marking instruments intended for use by children up to 14 years of age – Safety requirements. National amendment No. 1.</i> Amended to change the designation from SABS to SANS with no technical changes.
SANS 13760:1998/ ISO 13760:1998	<i>Plastics pipes for the conveyance of fluids under pressure – Miner's rule – Calculation method for cumulative damage. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 51302:2007/ EN 1302:1999	<i>Chemicals used for treatment of water intended for human consumption – Aluminium-based coagulants – Analytical methods. IEC corrigendum No. 1.</i> Corrected to delete reference to EN 879 (clause 4), to correct formulae (A.4.6.1, A.4.6.2 and A.11.6.1), to delete reference to V in A.11.6.1, and to amend introductory text in A.11.6.2 and A.12.6.2.
SANS 60034-8:2007/ IEC 60034-8:2007	<i>Rotating electrical machines – Part 8: Terminal markings and direction of rotation.</i> Applies to a.c. and d.c. machines and specifies rules for the identification of winding connection points, marking of winding terminals, direction of rotation, relationship between terminal markings and direction of rotation, terminal marking of auxiliary devices, and connection diagrams of machines for common applications.
SANS 60034-25:2007/ IEC TS 60034-25:2007	<i>Rotating electrical machines – Part 25: Guide for the design and performance of a.c. motors specifically designed for converter supply.</i> Describes the design features and performance characteristics of a.c. motors specifically designed for use on converter supplies. Specifies interface parameters and interactions between motor and converter including installation guidance as part of a power drive system.
SANS 60044-7:1999/ IEC 60044-7:1999	<i>Instrument transformers – Part 7: Electronic voltage transformers. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60064:2007/ IEC 60064:2007 (Ed. 1.4)	<i>Tungsten filament lamps for domestic and similar general lighting purposes – Performance requirements. Consolidated edition incorporating amendment No. 4.</i> Amended to include a lamp used in Japan, which has a rated wattage of 18 W and a rated voltage of 100 V or 110 V, in the standard, and to add and replace lamp data sheets.
SANS 60076-2:1993/ IEC 60076-2:1993	<i>Power transformers – Part 2: Temperature rise. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60076-3:2000/ IEC 60076-3:2000	<i>Power transformers – Part 3: Insulation levels, dielectric tests and external clearances in air. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60076-8:1997/ IEC 60076-8:1997	<i>Power transformers – Application guide. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60099-5:2007/ IEC 60099-5:2000 (Ed. 1.1)	<i>Surge arresters – Part 5: Selection and application recommendations. Consolidated edition incorporating amendment No. 1.</i> Changed to include a sentence in the foreword stating that the text of this standard cancelled and replaced IEC 60099-A:1965.

Standard No. and year	Title, scope and purport
SANS 60155:2007/ IEC 60155:1993	<i>Glow-starters for fluorescent lamps. IEC amendment No. 1.</i> Amended to add a normative reference, to change requirements for resistance to flame, ignition of radio interference suppression capacitors and speed of operation of starters, and to add information for luminaire design. <i>IEC amendment No. 2.</i> Amended to add normative references, requirements for and examples of suitable materials for starter contacts and a guide to good practice in the selection of plastic materials for starter enclosures.
SANS 60265-2:1988/ IEC 60265-2:1988	<i>High-voltage switches – Part 2: High-voltage switches for rated voltages of 52 kV and above. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes. <i>IEC corrigendum No. 1.</i> Corrected to add a notification to the preface of the new part 2 of the standard.
SANS 60669-1:2007/ IEC 60669-1:2007 (Ed. 2.2)	<i>Switches for household and similar fixed-electrical installations – Part 1: General requirements. Consolidated edition incorporating amendment No. 2.</i> Amended to change the scope and the requirements for electrical tests and mechanical strength, to add definitions, to include additional current ratings for switches, to delete notes on mini-gap and micro-gap construction, to add and change requirements for marking and to correct the unit of measurement in figure 5.
SANS 60730-1:2007/ IEC 60730-1:2007 (Ed. 2.2)	<i>Automatic electrical controls for household and similar use – Part 1: General requirements. Consolidated edition incorporating amendment No. 2.</i> Amended to change the requirements for relays when used as control for IEC 60335 (documents in the IEC 60335 series have been published in South Africa as identical adoptions under the designation SANS 60335) appliances, to add requirements for SELV and PELV, to change requirements for controls, to include symbols for class III controls and change the symbol for earthing terminal, to change the requirements for heat and fire resistance tests, and to clarify electrical conditions for overload tests in Canada, China and the USA.
SANS 60793-1-30/ IEC 60793-1-30:2001	<i>Optical fibres – Part 1-30: Measurement methods and test procedures – Fibre proof test. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60793-1-31:2001/ IEC 60793-1-31:2001	<i>Optical fibres – Part 1-31: Measurement methods and test procedures – Tensile strength. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60793-1-43:2001/ IEC 60793-1-43:2001	<i>Optical fibres – Part 1-43: Measurement methods and test procedures – Numerical aperture. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60793-1-44:2001/ IEC 60793-1-44:2001	<i>Optical fibres – Part 1-44: Measurement methods and test procedures – Cut-off wavelength. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60793-1-46:2001/ IEC 60793-1-46:2001	<i>Optical fibres – Part 1-46: Measurement methods and test procedures – Monitoring of changes in optical transmittance. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60793-1-48:2007/ IEC 60793-1-48:2007	<i>Optical fibres – Part 1-48: Measurement methods and test procedures – Polarization mode dispersion.</i> Applies to three methods of measuring polarization mode dispersion (PMD). Establishes uniform requirements for measuring the PMD of single-mode optical fibre, thereby assisting in the inspection of fibres and cables for commercial purposes.
SANS 60793-1-50:2001/ IEC 60793-1-50:2001	<i>Optical fibres – Part 1-50: Measurement methods and test procedures – Damp heat (steady state). National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60793-1-51:2001/ IEC 60793-1-51:2001	<i>Optical fibres – Part 1-51: Measurement methods and test procedures – Dry heat. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60793-1-52:2001/ IEC 60793-1-52:2001	<i>Optical fibres – Part 1-52: Measurement methods and test procedures – Change of temperature. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60793-1-53:2001/ IEC 60793-1-53:2001	<i>Optical fibres – Part 1-53: Measurement methods and test procedures – Water immersion. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60864-2:1997/ IEC 60864-2:1997	<i>Standardization of interconnections between broadcasting transmitters or transmitter systems and supervisory equipment – Part 2: Interface standards for systems using data bus type interconnections. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60869-1:1999/ IEC 60869-1:1999	<i>Fibre optic attenuators – Part 1: Generic specification. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60874-14-2:1997/ IEC 60874-14-2:1997	<i>Connectors for optical fibres and cables – Part 14-2: Detail specification for fibre optic connector type SC-PC tuned terminated to single-mode fibre type B1. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60874-19-2:1999/ IEC 60874-19-2:1999	<i>Connectors for optical fibres and cables – Part 19-2: Fibre optic adaptor (duplex) type SC for single-mode fibre connectors – Detail specification. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60884-2-4:1999/ IEC 60884-2-4:1999	<i>Plugs and socket-outlets for household and similar purposes – Part 2-4: Particular requirements for plugs and socket-outlets for SELV. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60927:2007/ IEC 60927:2007	<i>Auxiliaries for lamps – Starting devices (other than glow starters) – Performance requirements.</i> Specifies performance requirements for starting devices (starters and ignitors) for tubular fluorescent and other discharge lamps for use on a.c. supplies up to 1 000 V at 50 Hz or 60 Hz, which produce starting pulses not greater than 5 kV.

Standard No. and year	Title, scope and purport
SANS 60934:2007/ IEC 60934:2007 (Ed. 2.1)	<i>Circuit-breakers for equipment (CBE). Consolidated edition incorporating amendment No. 1.</i> Amended to add a definition for E-type CBEs and requirements for the electrical performance, to add requirements for CBEs suitable for isolation, to add values for maximum rated short-circuit capacity and a symbol for suitability for isolation, to make "rated short-circuit capacity" optional, to update a referenced standard, to do an editorial correction in figure E-13, to replace figures in annex F, and to change the nominal voltage and corresponding rated impulse voltages.
SANS 60939-1:2007/ IEC 60939-1:2005	<i>Passive filter units for electromagnetic interference suppression – Part 1: Generic specification.</i> Relates to passive filter units for electromagnetic interference suppression for use within, or associated with, electronic or electrical equipment and machines. <i>IEC corrigendum No. 1.</i> Corrected to change the structure of subclause 4.5, as well as make an addition to subclause 4.10.3.
SANS 60947-4-2:2007/ IEC 60947-4-2:2007 (Ed. 2.2)	<i>Low-voltage switchgear and controlgear – Part 4-2: Contactors and motor-starters – AC semiconductor motor controllers and starters. Consolidated edition incorporating amendment No. 2.</i> Amended to change the scope and title of annex C and of table 4, to add an alphabetical index of definitions, to add symbols, abbreviations and requirements for extended functions within electronic overload relays, to add new figures and tables and to delete annex B.
SANS 60947-6-2:2007/ IEC 60947-6-2:2007 (Ed. 2.1)	<i>Low-voltage switchgear and controlgear – Part 6-2: Multiple function equipment – Control and protective switching devices (or equipment) (CPS). Consolidated edition incorporating amendment No. 1.</i> Amended to add a sentence to the scope, definitions, requirements for marking, instructions for installation, operation and maintenance, a new figure and four new annexes, to update and add referenced standards, to change the requirements for rated voltages, control circuits, relays or releases, constructional requirements, the operating limits and the requirements for performance, routine and sampling tests, and to delete sampling plans and switching overvoltages from the characteristics.
SANS 61000-4-4:2004/ IEC 61000-4-4:2004	<i>Electromagnetic compatibility (EMC) – Part 4-4: Testing and measurement techniques – Electrical fast transient/burst immunity test. IEC corrigendum No. 2.</i> Changed to add new text and a new figure relating to the coupling/decoupling network (clause 6.2.2).
SANS 61058-2-1:1992/ IEC 61058-2-1:1992	<i>Switches for appliances – Part 2-1: Particular requirements for cord switches. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 61073-1:1999/ IEC 61073-1:1999	<i>Mechanical splices and fusion splice protectors for optical fibres and cables – Part 1: Generic specification. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 61109:1992/ IEC 61109:1992	<i>Composite insulators for a.c. overhead lines with a nominal voltage greater than 1 000 V – Definitions, test methods and acceptance criteria. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 61156-1:2007/ IEC 61156-1:2007	<i>Multicore and symmetrical pair/quad cables for digital communications – Part 1: General specification.</i> Applicable to communication systems such as ISDN, local area networks and data communication systems and specifies the definitions, requirements and test methods of multicore, symmetrical pair and quad cables. Also applicable to cables used for customer premises wiring.
SANS 61243-3:1998/ IEC 61243-3:1998	<i>Live working – Voltage detectors Part 3: Two-pole low-voltage type. IEC corrigendum No. 2.</i> Corrected to replace "petroleum spirit" with "isopropanol" in the requirements for the marking test, and to replace the note to 5.2.4.2 with a new note. <i>National amendment No. 2.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 61243-5:1997/ IEC 61243-5:1997	<i>Live working - Voltage detectors Part 5: Voltage detecting systems (VDS). National amendment No. 2.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 61280-1-3:1998/ IEC 61280-1-3:1998	<i>Fibre optic communication subsystem basic test procedures – Part 1-3: Test procedures for general communication subsystems - Central wavelength and spectral width measurement. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 61280-2-1:1998/ IEC 61280-2-1:1998	<i>Fibre optic communication subsystem basic test procedures – Part 2-1: Test procedures for digital systems – Receiver sensitivity and overload measurement. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 61281-1:1999/ IEC 61281-1:1999	<i>Fibre optic communication subsystems – Part 1: Generic specification. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 61282-1:2000/ IEC/TR 61282-1:2000	<i>Fibre optic communication system design guides – Part 1: Single-mode digital and analogue systems. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 61300-2-40:2000/ IEC 61300-2-40:2000	<i>Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 2-40: Tests - Screen testing of attenuation of single-mode tuned angled optical connectors. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 61300-3-39:1997/ IEC 61300-3-39:1997	<i>Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-39: Examinations and measurements – PC optical connector reference plug selection. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.

Standard No. and year	Title, scope and purport
SANS 61462:2007/ IEC 61462:2007	<i>Composite hollow insulators – Pressurized and unpressurized insulators for use in electrical equipment with rated voltage greater than 1 000 V - Definitions, test methods, acceptance criteria and design recommendations.</i> Applies to composite hollow insulators consisting of a load-bearing insulating tube made of resin impregnated fibres, a housing (outside the insulating tube) made of elastomeric material (for example silicone or ethylene-propylene) and metal fixing devices at the ends of the insulating tube. Composite hollow insulators are intended for general use (unpressurized) or for use with a permanent gas pressure (pressurized). They are intended for use in both outdoor and indoor electrical equipment operating on alternating current with a rated voltage greater than 1 000 V and a frequency not greater than 100 Hz or for use in direct current equipment with a rated voltage greater than 1 500 V.
SANS 61467:1997/ IEC 61467:1997	<i>Insulators for overhead lines with a nominal voltage above 1 000 V – AC power arc tests on insulator sets. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 62033:2000/ IEC/TS 62033:2000	<i>Attenuation uniformity in optical fibres. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 300249: (Ed. 1.1)	<i>Satellite earth stations; television receive-only equipment used in the broadcasting satellite service. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.

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 287:1972	<i>Gel soap.</i>
SANS 525:1972	<i>Scouring compounds: soap base.</i>
SANS 668:1975	<i>The production of men's protective boots and shoes (Goodyear welted, with stitched or stuck-on outer soles).</i>
SANS 669:1975	<i>The production of men's protective shoes (Goodyear welted, with stitched or stuck-on outer soles).</i>
SANS 826:1973	<i>Scouring powder: Synthetic detergent base.</i>
SANS 1262	<i>Volumetric measures for use in cookery.</i>
SANS 1560:1992	<i>Corrugated fibreboard boxes for dangerous goods.</i>
SANS 1584-2:1994	<i>Television transmissions – Part 2: Teletext transmissions.</i>
SANS 1603-1:2005	<i>Accessories for use in antenna installations – Part 1: Splitters.</i>
SANS 1603-2:2005	<i>Accessories for use in antenna installations – Part 2: Outlet boxes</i>
SANS 1603-3:2005	<i>Accessories for use in antenna installations – Part 3: TV channel amplifiers, band amplifiers and broadband amplifiers.</i>
SANS 1603-4:2005	<i>Accessories for use in antenna installations – Part 4: TV channel convertors.</i>
SANS 1603-5:2005	<i>Accessories for use in antenna installations – Part 5: Low noise block convertors (LNBs).</i>
SANS 2480:1972	<i>Sodium chloride for industrial use – Determination of sulphate content – Barium sulphate gravimetric method.</i>
SANS 2482:1973	<i>Sodium chloride for industrial use – Determination of calcium and magnesium contents – EDTA complexometric methods.</i>
SANS 2483:1973	<i>Sodium chloride for industrial use – Determination of the loss of mass at 110 °C.</i>
SANS 5118:1985	<i>Calibration and grading of machines for breaking strength tests on textiles.</i>
SANS 5227:1972	<i>Anhydrous matter content of soap powder or chips.</i>
SANS 5505:1980	<i>Tension set of rubber electric cable dielectric and sheathing.</i>
SANS 5547:1987	<i>Sterility of aerosols.</i>
SANS 6203:1993	<i>Potency of antibiotics – Turbidimetric method of assay</i>
SANS 8294:1994	<i>Animal and vegetable fats and oils – Determination of copper, iron and nickel contents – Graphite furnace atomic absorption method.</i>
SANS 10232-3:2000 ANNEX A	<i>Emergency response handbook.</i>

SANS 11212-1:1997	<i>Starch and derived products – Heavy metals content – Part 1: Determination of arsenic content by atomic absorption spectrometry.</i>
SANS 11212-2:1997	<i>Starch and derived products – Heavy metals content – Part 2: Determination of mercury content by atomic absorption spectrometry.</i>
SANS 11212-3:1997	<i>Starch and derived products – Heavy metals content – Part 3: Determination of lead content by atomic absorption spectrometry with electrothermal atomization.</i>
SANS 11212-4:1997	<i>Starch and derived products – Heavy metals content – Part 4: Determination of cadmium content by atomic absorption spectrometry with electrothermal atomization.</i>
SANS 50921:1994	<i>Plastics piping systems – Thermoplastics pipes – Determination of resistance to internal pressure at constant temperature</i>
SANS 60730-2-1:1989	<i>Automatic electrical controls for household and similar use – Part 2-1: Particular requirements for electrical controls for electrical household appliances.</i>
SANS 61136-1:1992	<i>Semiconductor power convertors – Adjustable speed electric drive systems – General requirements – Part 1: Rating specifications, particularly for d.c. motor drives.</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.