

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

No. 398

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**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 130-1:2007/ ISO 1167-1:2006	<i>Thermoplastics pipes, fittings and assemblies for the conveyance of fluids – Determination of the resistance to internal pressure – Part 1: General method.</i> Specifies a general test method for determining the resistance to internal hydrostatic pressure at a given temperature of thermoplastics pipes, fittings and piping systems for the transport of fluids.
SANS 510:2007/ ISO 6120:1995	<i>Road vehicles – Brake hose assemblies for hydraulic braking systems used with petroleum-base brake fluid.</i> Specifies the test procedures for, and performance requirements and marking of hydraulic brake hose assemblies to be used in hydraulic brake systems of road vehicles of which the nominal inside diameter of the hose is 3, 2 mm or 4, 8 mm. Applies to assemblies made of a hose fabricated from cord and synthetic elastomers and assembled with metal end fittings for use with petroleum-base brake fluids.
SANS 520:2007/ ISO 556:1980	<i>Coke (greater than 20 mm in size) – Determination of mechanical strength.</i> A sample of coke greater than 20 mm in size and of known size distribution is subjected to mechanical stresses in a rotating drum. The degree of breakdown of the coke is evaluated by a process of sieving and size analysis after 100 drum revolutions (Micum test) and, if desired, after 500 drum revolutions (Irsid test).
SANS 531:2007/ ISO 4:1997	<i>Information and documentation – Rules for the abbreviation of title words and titles of publications.</i> Gives rules for abbreviating titles of serials and, if appropriate, non-serial documents in languages using the Latin, Cyrillic and Greek alphabets. It also serves as the basis for the establishment of title word abbreviations by the ISSN Network.
SANS 567:2007/ ISO 567:1995	<i>Coke – Determination of bulk density in a small container.</i> Specifies a method for the determination of the bulk density of coke in a cubical container of capacity 0,2 cubic metres. It is applicable to coke with a nominal top size not greater than 125 mm.
SANS 602:2007/ ISO Guide 30:1992	<i>Terms and definitions used in connection with reference materials.</i> Recommends terms and the meanings that should be assigned to them when used in connection with reference materials, with particular attention to terms that are used in reference material certificates and corresponding certification reports
SANS 603:2007/ ISO Guide 31:2000	<i>Reference materials – Contents of certificates and labels.</i> Assists producers in the preparation of clear and concise certificates to accompany certified reference materials. Such certificates, while maintaining their essential character, should help to provide, in summary form, all the information needed by the user of the reference material.
SANS 604:2007/ ISO Guide 32:1997	<i>Calibration in analytical chemistry and use of certified reference materials.</i> The calibration of the parameters associated with chemical analyses and material testing deserves particular attention, because major errors can be made by neglecting or ignoring the basic principles of metrology which also apply to these areas. This guide identifies a number of general recommendations for those who, either in laboratories or as assessors, are faced with this problem.
SANS 605:2007/ ISO Guide 33:2000	<i>Uses of certified reference materials.</i> The uses of certified reference materials (CRMs) and their correct applications.
SANS 607:2007/ ISO Guide 34:2000	<i>General requirements for the competence of reference material producers.</i> General requirements in accordance with which a reference material producer has to demonstrate that it operates, if it is to be recognized as competent to carry out the production of reference materials. For the use of reference material producers in the development and implementation of their quality systems, and by accreditation bodies, certification bodies and others concerned with assessing the competence of reference material producers. Gives quality system requirements in accordance with which reference materials shall be produced. It is intended to be used as part of a reference material producer's general quality assurance (QA).
SANS 608:2007/ ISO Guide 35:2006	<i>Reference materials – General and statistical principles for certification.</i> Statistical principles to assist in the understanding and development of valid methods to assign values to properties of a reference material, including the evaluation of their associated uncertainty, and establish their metrological traceability. Reference materials (RMs) that undergo all steps described in this Guide are usually accompanied by a certificate and called a certified reference material (CRM).
SANS 612:2007/ BS 5970:2001	<i>Code of practice for thermal insulation of pipework and equipment in the temperature range of -100 °C to +870 °C.</i> Describes aspects of thermal insulation for pipework and equipment in the temperature range -100 °C to +870 °C. Installation techniques are described and can be used outside the temperature range indicated, however, specialist advice should be sought.

Standard No. and year	Title, scope and purport
SANS 690:2007/ ISO 690:1987	<i>Documentation – Bibliographic references – Content, form and structure.</i> Specifies the elements to be included in bibliographic references to published monographs and serials, to chapters, articles, etc. in such publications and to patent documents. It sets out a prescribed order for the elements of the reference and establishes conventions for the transcription and presentation of information derived from the source publication.
SANS 690-2:2007/ ISO 690-2:1997	<i>Information and documentation – Bibliographic references – Part 2: Electronic documents or parts thereof.</i> Specifies the elements to be included in bibliographic references to electronic documents. It sets out a prescribed order for the elements of the reference and establishes conventions for the transcription and presentation of information derived from the source electronic document.
SANS 832:2007/ ISO 832:1994	<i>Information and documentation – Bibliographic description and references – Rules for the abbreviation of bibliographic terms.</i> Specifies rules for the abbreviation of words and word combinations that commonly appear in bibliographic descriptions and references in languages using the Latin, Cyrillic and Greek alphabets. Abbreviations of titles and title words are excluded from the scope of this standard and are covered by the provisions of ISO 4 (published in South Africa as an identical adoption under the designation SANS 531).
SANS 2503:2007/ ISO 2503:1998	<i>Gas welding equipment – Pressure regulators for gas cylinders used in welding, cutting and allied processes up to 300 bar.</i> Specifies requirements for single or two-stage pressure regulators for connections to gas cylinders normally used for compressed gases up to 300 bar, for dissolved acetylene, for liquefied petroleum gases (LPG), methylacetylene-propadiene-mixtures (MPS) and carbon dioxide (CO ₂) used in welding, cutting and allied processes.
SANS 2505:2007/ ISO 2505:2005	<i>Thermoplastics pipes – Longitudinal reversion – Test method and parameters.</i> Specifies a method for determining the longitudinal reversion of thermoplastics pipes, to be carried out in either a liquid or air. Applicable to all thermoplastics pipes with smooth internal and external walls of constant cross-section.
SANS 3996:2007/ ISO 3996:1995	<i>Road vehicles – Brake hose assemblies for hydraulic braking systems used with non-petroleum-base brake fluid.</i> Specifies the test procedures for, and performance requirements and marking of hydraulic brake hose assemblies to be used in hydraulic brake systems of road vehicles of which the nominal inside diameter of the hose is 3,2 mm or 4,8 mm. Applies to assemblies made of a hose fabricated from cord and synthetic elastomers and assembled with metal end fittings for use with non-petroleum-base brake fluids.
SANS 4305:2007/ ISO 4305:1991	<i>Mobile cranes – Determination of stability.</i> Specifies the conditions to be taken into consideration when verifying the stability of a mobile crane by calculation, assuming that the crane is operating on a firm and level surface (up to 1 % gradient). Applies to mobile cranes as defined in ISO 4306-2, i.e. appliances mounted on wheels (tyres) or crawlers, with or without outriggers.
SANS 4308-2:2007/ ISO 4308-2:1988	<i>Cranes and lifting appliances – Selection of wire ropes – Part 2: Mobile cranes – Coefficient of utilization.</i> Establishes the values of the minimum practical coefficient of utilization, Z _p , as defined in ISO 4308-1 (published in South Africa as an identical adoption under the designation SANS 4308-1), for ropes and rotation-resistant ropes used on mobile cranes.
SANS 4642:2007/ ISO 4642:1978	<i>Rubber products – Hoses, non-collapsible, for fire-fighting service.</i> Covers requirements for two types and five grades of rubber hoses, suitable for use on portable and wheeled fire extinguishers, on wall-mounted fire hose reels and as booster hoses on fire apparatus.
SANS 6946:2007/ ISO 6946:1996	<i>Building components and building elements – Thermal resistance and thermal transmittance – Calculation method.</i> Gives the method of calculation of the thermal resistance and thermal transmittance of building components and building elements, excluding doors, windows and other glazed units and components through which air is designed to permeate.
SANS 7752-2:2007/ ISO 7752-2:1985	<i>Lifting appliances – Controls – Layout and characteristics – Part 2: Basic arrangement and requirements for mobile cranes.</i> Establishes the arrangement, requirements, and direction of movement of the basic controls for slewing, load hoisting and lowering and jib luffing and telescoping. Applies to all mobile cranes as defined in ISO 4306-2.
SANS 8566-2:2007/ ISO 8566-2:1995	<i>Cranes – Cabins – Part 2: Mobile cranes.</i> Establishes the criteria for cabins for mobile cranes as defined in ISO 4306-2. These criteria are intended to cover cabins only for crane operation and not for road travel. The general criteria for cabins on mobile cranes are presented in ISO 8566-1 (published in South Africa as an identical adoption under the designation SANS 8566-1).
SANS 9692-1:2007/ ISO 9692-1:2003	<i>Welding and allied processes – Recommendations for joint preparation – Part 1: Manual metal-arc welding, gas-shielded metal-arc welding, gas welding, TIG welding and beam welding of steels.</i> Specifies types of joint preparation for metal-arc welding with covered electrode, gas-shielded metal-arc welding, gas welding, TIG welding and beam welding of steel. It applies to joint preparation for full penetration butt welds and for fillet welds. For partial penetration butt welds, types of joint preparation and dimensions differing from those specified in this part of ISO 9692 may be stipulated. The root gaps referred to are those gaps presented after tack welding, if used.
SANS 10229-2:2007	<i>Transport of dangerous goods – Packaging and large packaging for road and rail transport – Part 2: Large packaging.</i> The standard identifies various types of large packaging that are suitable for the transport of dangerous goods by road and rail. It describes minimum performance requirements for the large packaging, the procedures to be followed to obtain approval from test stations or certification authorities and gives details of the marking and labels to be displayed on the large packaging.
SANS 10456:2007/ ISO 10456:1999	<i>Building materials and products – Procedures for determining declared and design thermal values.</i> Specifies methods for the determination of declared and design thermal values for thermally homogeneous building materials and products. It also gives procedures to convert values obtained under one set of conditions to those valid for another set of conditions. These procedures are valid for design ambient temperatures between -30 °C and +60 °C.
SANS 11137-1:2007/ ISO 11137-1:2006	<i>Sterilization of health care products – Radiation – Part 1: Requirements for development, validation and routine control of a sterilization process for medical devices.</i> Specifies requirements for the development, validation and routine control of a radiation sterilization process for medical devices. It does not require that biological indicators be used for the validation or monitoring of radiation sterilization, nor does it require that a pharmacopoeial test for sterility be carried out for product release.

Standard No. and year	Title, scope and purport
SANS 11137-2:2007/ ISO 11137-2:2006	<i>Sterilization of health care products – Radiation – Part 2: Establishing the sterilization dose.</i> Specifies methods of determining the minimum dose needed to achieve a specified requirement for sterility and methods to substantiate the use of 25 kGy or 15 kGy as the sterilization dose to achieve a sterilization assurance level, SAL, of a log of 10^{-6} . It also specifies methods of dose auditing in order to demonstrate the continued effectiveness of the sterilization dose.
SANS 11137-3:2007/ ISO 11137-3:2006	<i>Sterilization of health care products – Radiation – Part 3: Guidance on dosimetric aspects.</i> Gives guidance on the requirements relating to dosimetry and describes dosimetry procedures related to the development, validation and routine control of a radiation sterilization process.
SANS 11607-1:2007/ ISO 11607-1:2006	<i>Packaging for terminally sterilized medical devices – Part 1: Requirements for materials, sterile barrier systems and packaging systems.</i> Specifies the requirements and test methods for materials, preformed sterile barrier systems, sterile barrier systems and packaging systems that are intended to maintain sterility of terminally sterilized medical devices until the point of use.
SANS 11607-2:2007/ ISO 11607-2:2006	<i>Packaging for terminally sterilized medical devices – Part 2: Validation requirements for forming, sealing and assembly processes.</i> Specifies the requirements for development and validation of processes for packaging medical devices that are terminally sterilized. These processes include forming, sealing, and assembly of preformed sterile barrier systems, sterile barrier systems and packaging systems.
SANS 11660-2:2007/ ISO 11660-2:1994	<i>Cranes – Access, guards and restraints – Part 2: Mobile cranes.</i> Specifies criteria for steps, stairways, ladders, walkways, platforms, handrails, handholds, guardrails and entrance openings which permit access to and from the operator, inspection or maintenance platforms on mobile cranes as defined in ISO 4306-2 and parked in accordance with the manufacturer's instruction. It also presents requirements for guards and restraints as related to moving parts.
SANS 11661:2007/ ISO 11661:1998	<i>Mobile cranes – Presentation of rated capacity charts.</i> Specifies a standard presentation or format for mobile crane rated capacities on rated capacity charts. Is applicable to mobile cranes fitted with jibs as defined in ISO 4306-2 and when used in the lifting mode.
SANS 11662-1:2007/ ISO 11662-1:1995	<i>Mobile cranes – Experimental determination of crane performance – Part 1: Tipping loads and radii.</i> Specifies a test method to determine the maximum capacity of a mobile crane to counterbalance loads applied on its hook block. Is applicable for cranes whose capacity to support loads is based on its static resistance to overturning. The test shall not be used on cranes whose capacity is based on structural strength or on limitations due to available load hoist, jib hoist or jib telescope capability. Applies to all mobile cranes as defined in ISO 4306-2.
SANS 11724:2007/ ISO 11724:2004	<i>Solid mineral fuels – Determination of total fluorine in coal, coke and fly ash.</i> Specifies a method for the determination of total fluorine in coal, coke and fly ash. From measurement of the total fluorine alone, it is not possible to estimate the amount of fluorine released to the environment by utilization of the coal and subsequent disposal of the ash residue.
SANS 14557:2007/ ISO 14557:2002	<i>Fire-fighting hoses – Rubber and plastics suction hoses and hose assemblies.</i> Gives requirements and test methods for rubber and plastics suction hoses for fire-fighting purposes. Additional requirements for hose assemblies already fitted with couplings are also specified.
SANS 19961:2007/ ISO/TR 19961:2005	<i>Cranes – Safety code on mobile cranes.</i> Provides a guide to international standards applicable to mobile cranes – crawler cranes, railway cranes, wheel-mounted cranes and any variations thereof that retain the same fundamental characteristics – and a summary of related provisions. Special adaptations of the general types of machine covered, where applicable, also fall within its scope.
SANS 50771-4:2007/ EN 771-4:2003	<i>Specification for masonry units – Part 4: Autoclaved aerated concrete masonry units.</i> Specifies the characteristics and performance requirements of autoclaved aerated concrete (AAC) masonry units for which the main intended uses are different types of load bearing and non-load bearing applications in all forms of walling including single leaf, cavity, partitions, retaining, basement and general use below ground level, including walling for fire protection, thermal insulation, sound insulation and the fabric of chimneys (excluding chimney flue units). It defines the performance related to e.g. strength, density, dimensional accuracy etc. and provides for the evaluation of conformity of the product to this standard. The marking requirement for products covered by this standard is included.
SANS 60947-5-8:2007/ IEC 60947-5-8:2006	<i>Low-voltage switchgear and controlgear – Part 5-8: Control circuit devices and switching elements – Three-position enabling switches.</i> Specifies requirements for three-position enabling switches. These switches are used as components of enabling devices to provide signals that, a) when activated, allow machine operation to be initiated by a separate start control and b) when de-activated, i) initiate a stop function, and ii) prevent initiation of machine operation
SANS 62271-101:2007/ IEC 62271-101:2006	<i>High-voltage switchgear and controlgear – Part 101: Synthetic testing.</i> Provides the general rules for testing a.c. circuit-breakers, for making and breaking capacities by synthetic methods
SANS 62271-201:2007/ IEC 62271-201:2006	<i>High-voltage switchgear and controlgear – Part 201: AC insulation-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV.</i> Specifies requirements for factory-assembled insulation-enclosed switchgear and controlgear for alternating current of rated voltages above 1 kV and up to and including 52 kV for indoor installation and for service frequencies up to and including 60 Hz.

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 143:2007 (Ed. 3.1)	<i>Lidocaine (lignocaine) hydrochloride and noradrenaline (norepinephrine) injection for dental use. 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, and to delete reference to the certification mark.
SANS 179:2007 (Ed. 2.1)	<i>Mutton cloth. Consolidated edition incorporating amendment No. 1.</i> Amended to update the test methods for quantitative fibre analysis and to delete the test method for non-fibrous material content.
SANS 196:2007 (SABS 196:2000)	<i>Orthopaedic padding.</i> Specifies requirements for five types of orthopaedic padding.
SANS 221:1999/ CISPR 21:1999	<i>Interference to mobile radiocommunications in the presence of impulsive noise – Methods of judging degradation and measures to improve performance. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 225:2005/ CISPR 25:2002	<i>Radio disturbance characteristics for the protection of receivers used on board vehicles, boats, and on devices – Limits and methods of measurement. CISPR interpretation sheet No. 1.</i> Explains that the test limits given are for guidance only; the vehicle manufacturer should define the country in which the vehicle is to be marketed and subsequently choose the applicable frequency bands and limits.
SANS 227:2007 (Ed. 4.4)	<i>Burnt clay masonry units. Consolidated edition incorporating amendment No. 4.</i> Amended to change the designation of SABS standards to SANS standards and to update the referenced standards.
SANS 432:2007 (Ed. 3.1)	<i>Indelible marking ink for textile fabrics. Consolidated edition incorporating amendment No. 1.</i> Amended to update the test method for colour fastness to washing.
SANS 527-1:1993/ ISO 527-1:1993	<i>Plastics – Determination of tensile properties – Part 1: General principles. ISO amendment No. 1.</i> Amended to add requirements for contact extensometers and to update the referenced standards. <i>National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 580:2007 (Ed. 1.2)	<i>Chloroprene rubber sheet (for waterproofing). 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 607:2007 ISO Guide 34:2000	<i>General requirements for the competence of reference material producers. ISO corrigendum No. 1.</i> Corrected to update normative references.
SANS 659:2007 (Ed. 3.1)	<i>Lidocaine (lignocaine) hydrochloride, adrenaline (epinephrine) and noradrenaline (norepinephrine) injection for dental use. 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, and to delete reference to the certification mark.
SANS 682:2007 (SABS 682:1972)	<i>Aluminium paint.</i> This standard covers aluminium paint for use as a finishing coat on primed surfaces for exterior and interior exposure. This paint is suitable for use as a roof paint on suitably primed or previously painted galvanized iron.
SANS 750:2007 (Ed. 4.1)	<i>Interlock fabric. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards and to replace the words "transfer cloths" with "adjacent fabrics" in table 1.
SANS 817:2007 (Ed. 3.1)	<i>Lidocaine (lignocaine) hydrochloride injection for dental use. 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, and to delete reference to the certification mark.
SANS 950:2007 (Ed. 2.1)	<i>Unplasticized polyvinyl chloride rigid conduit and fittings for use in electrical installations. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation from SABS to SANS, to change the definition for "acceptable" and to update referenced documents.
SANS 955:2007 (Ed. 3.1)	<i>Lidocaine (lignocaine) hydrochloride and adrenaline (epinephrine) injection for dental use. 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, and to delete reference to the certification mark.
SANS 985:2007 (Ed. 3.2)	<i>Polyester-and-wool uniform fabrics. Consolidated edition incorporating amendment No. 2.</i> Amended to update the test methods for quantitative fibre analysis and for colour fastness to washing.
SANS 1008:2007 (Ed. 2.1)	<i>Warp-knitted pocketing. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards and to replace the words "transfer cloths" with "adjacent fabrics" in table 1.
SANS 1038:2007 (Ed. 2.1)	<i>Cotton eyelet fabric. Consolidated edition incorporating amendment No. 1.</i> Amended to update the test method for colour fastness to washing and to replace the words "transfer cloths" with "adjacent fabrics" in table 1.
SANS 1156-2:2007 (Ed. 1.2)	<i>Hose for liquefied petroleum gas (LPG) – Part 2: Hose and tubing for use in LPG vapour phase and LPG-air installations. 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" and referenced standards.
SANS 1210:2007 (Ed. 1.1)	<i>Hexagon wrench keys. 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 remove reference to the certification mark and to update referenced standards.

Standard No. and year	Title, scope and purport
SANS 1211:2007 (Ed. 1.2)	<i>Adjustable wrenches. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable", to remove reference to the standardization mark and to update referenced standards.
SANS 1249:2007 (Ed. 2.4)	<i>Knitted uniform fabrics. Consolidated edition incorporating amendment No. 3.</i> Amended to update referenced standards, to update the test method for colour fastness to washing, and to replace the words "transfer cloths" with "adjacent fabrics" in table 1.
SANS 1288:2007 (Ed. 3.1)	<i>Preservative-treated timber. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to delete reference to the certification mark scheme, and to update the definition of "acceptable" and cross-references in the quality verification annex (annex C).
SANS 1311:2007 (Ed. 1.2)	<i>Metal clisico windows. 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 1321-2:2007 (Ed. 1.2)	<i>Non-metallic waste traps – Part 2: Rubber waste traps. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards and to update referenced standards.
SANS 1498:2007 (SABS 1498:1989)	<i>Algaecides for use in industrial cooling water.</i> Covers three types of organic algaecides (liquid, paste or solid) for the control of algae in industrial cooling water systems that have clean surfaces.
SANS 1505-1:2007 (Ed. 2.3)	<i>Ball type couplings and towing brackets for towing caravans and light trailers – Part 1: Towing brackets and integrated towing devices. Consolidated edition incorporating amendment No. 3.</i> Amended to change requirements on capacity and anchorage (4.1.2) and instructions for installation (clause 7).
SANS 1545-5:2007 (Ed. 1.1)	<i>Safety rules for the construction and installation of lifts – Part 5: Electric and hydraulic access, goods only lifts. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation from SABS to SANS, to update referenced standards, to delete reference to South African legislation in the body of the text, to change the annex on list of electric safety devices to be checked (annex A), to replace the annex on technical dossier (annex C), and to add a new annex on comprehensive report for access goods only lifts (annex K).
SANS 1553-1:2007 (Ed. 1.1)	<i>PVC-U window and door frames for external use – Part 1: PVC-U profiles for window and door frames. 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 referenced standards.
SANS 1553-2:2007 (Ed. 1.1)	<i>PVC-U window and door frames for external use – Part 2: Windows with frames made from PVC-U profiles. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS to SANS standards, to update the definition of "acceptable", to move reference to legislation to the foreword, and to update referenced standards.
SANS 1823:2007 (Ed. 1.1)	<i>Touch and close fasteners. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to update referenced standards.
SANS 1838-1:2007 (Ed. 1.2)	<i>Electronic self-indicating road vehicle mass measuring equipment for use by road traffic authorities – Part 1: Non-automatic mass measuring equipment for static mass measurement. Consolidated edition incorporating amendment No. 2.</i> Amended to change the requirements for metrological controls (clause 7) and reports for type approval (clause A.4).
SANS 1858:2007 (Ed. 1.1)	<i>Oil-spill dispersants. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update referenced standards and to delete reference to specific South African legislation from the body of the text.
SANS 4524-4:1985/ ISO 4524-4:1985	<i>Metallic coatings - Test methods for electrodeposited gold and gold alloy coatings – Part 4: Determination of gold content. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 4751:1984/ ISO 4751:1984	<i>Copper and copper alloys – Determination of tin content – Spectrometric method. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 5182:1991/ ISO 5182:1991	<i>Welding – Materials for resistance welding electrodes and ancillary equipment. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 5184:1979/ ISO 5184:1979	<i>Straight resistance spot welding electrodes. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 5217:2007 (Ed. 3.2)	<i>Water – Free and saline ammonia content. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards, to correct values for ammoniacal nitrogen in the table in 6.1, and to add information to the procedure involving the retention of liquid for the albuminoid ammonia content test (6.7).
SANS 5821:1979/ ISO 5821:1979	<i>Resistance spot welding electrode caps. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 6051:2007 (SABS SM 1051:1982)	<i>Water – Oil and grease content.</i> Specifies a method for the determination of the oil and grease content of water and wastewater.
SANS 6056:2007 (SABS SM 1056:1982)	<i>Water – Sulfide content.</i> Specifies a method for the determination of the sulfide content of water and wastewater.
SANS 6061:2007 (Ed. 3.1)	<i>CCA salts equivalent mass concentration of aqueous solutions that contain mixtures of copper-chromium-arsenic compounds used for timber preservation. 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 6219:2007 (SABS SM 1219:1994)	<i>Permitted electric detonators: Incendivity (Gallery test).</i> Specifies a method to determine the incendivity of permitted electric detonators. Does not apply to electronic detonators or to permitted detonators of any other type.
SANS 6848:2007/ ISO 6848:2004 (SABS ISO 6848:1984)	<i>Arc welding and cutting – Nonconsumable tungsten electrodes – Classification.</i> Specifies requirements for classification of nonconsumable tungsten electrodes for inert gas shielded arc welding, and for plasma welding, cutting and thermal spraying.
SANS 6891:1983/ ISO 6891:1983	<i>Timber structures – Joints made with mechanical fasteners – General principles for the determination of strength and deformation characteristics. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 6946:2007/ ISO 6946:1996	<i>Building components and building elements – Thermal resistance and thermal transmittance – Calculation method. ISO amendment No. 1.</i> Amended throughout to change the text "... this European Standard ..." to mean "... this International Standard" and to add a clause on the correction procedure for inverted roofs.
SANS 9455-12:1992/ ISO 9455-12:1992	<i>Soft soldering fluxes – Test methods – Part 12: Steel tube corrosion test. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 9455-13:1996/ ISO 9455-13:1996	<i>Soft soldering fluxes – Test methods – Part 13: Determination of flux splattering. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 9455-14:1991/ ISO 9455-14:1991	<i>Soft soldering fluxes – Test methods – Part 14: Assessment of tackiness of flux residues. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 9455-15:1996/ ISO 9455-15:1996	<i>Soft soldering fluxes – Test methods – Part 15: Copper corrosion test. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 9455-16:1998/ ISO 9455-16:1998	<i>Soft soldering fluxes – Test methods – Part 16: Flux efficacy tests, wetting balance method. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 10011:2007 (Ed. 4.1)	<i>Care-labelling of textile piece-goods, textile articles and clothing. Consolidated edition incorporating amendment No. 1.</i> Amended to update the test methods for colour fastness to washing.
SANS 10066:2007 (SABS 066:1973)	<i>Application of thermal process control to low-acid fish canning factories.</i> Describes procedures in the canning of low-acid canned fish, which, when strictly followed, ensure microbiological stability in the final product. It covers the exhausting of cans, temperature of packing medium, seaming, can washing, retorting, cooling of processed cans, storage and inspection.
SANS 10369:2007 (Ed. 1.1)	<i>Non-destructive examination and testing of steel wire rope. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to move reference to legislation to the foreword.
SANS 10406:2007 (Ed. 1.1)	<i>Transport of dangerous goods – The reprocessing of previously certified packaging. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards and the empty packaging certificate in annex B.
SANS 20007:2007/ ECE R7:2006 (SABS ECE R7:2002)	<i>Uniform provisions concerning the approval of front and rear position (side) lamps, stop-lamps and end-outline marker lamps for power-driven vehicles and their trailers.</i> Applies to a) front and rear position (side) lamps and stop lamps for vehicles of categories L, M, N, O and T, and b) end-outline marker lamps for vehicles of categories M, N, O and T. <i>ECE amendment No. 1.</i> Amended to change the title, to add a scope with a footnote, to change and to renumber the footnote on the distinguishing number of the country which has been granted approval, and to renumber the remaining footnotes.
SANS 20023:2007/ ECE R23:2003 (SABS ECE R23:1992)	<i>Uniform provisions concerning the approval of reversing lamps for power-driven vehicles and their trailers.</i> Applies to reversing lamps for vehicles of categories M, N, O, and T. <i>ECE amendment No. 1.</i> Amended to change a definition for reversing lamps of different types, to add requirements for the application for approval (2.2.2) and marking (clause 3), to add requirements on general specifications (5.3), to add entries in the annex on communication (annex 1), and to add text on light source modules in the annex on examples of arrangements on approval marks (annex 2). <i>ECE amendment No. 2.</i> Amended to add text on independent lamps (4.4), and to add a module E on marking of independent lamps in the annex on examples of arrangements on approval marks (annex 2). <i>ECE amendment No. 3.</i> Amended to change a requirement for marking (3.5). <i>ECE amendment No. 4.</i> Amended to insert a scope with a footnote, and to change and to renumber the footnote regarding the distinguishing number of the country which has granted approval in the clause on approval (clause 4).
SANS 20037:2007/ ECE R37:2005 (SABS ECE R37:2002)	<i>Uniform provisions concerning the approval of filament lamps for use in approved lamp units of power-driven vehicles and of their trailers.</i> Applies to filament lamps intended for use in approved lamp units of power-driven vehicles and of their trailers. <i>ECE amendment No. 1.</i> Amended to change requirements for colour (3.6) and to change footnotes in the annex on sheets for filament lamps (annex 1). <i>ECE amendment No. 2.</i> Amended to change the list of categories and sheets in, and to add new footnotes to, the annex on sheets for filament lamps (annex 1).
SANS 20048:2007/ ECE R48:2006 (SABS ECE R48:1994)	<i>Uniform provisions concerning the approval of vehicles with regard to the installation of lighting and light-signalling devices.</i> Applies to the approval of power-driven vehicles intended for use on the road, with or without bodywork, with not less than four wheels and a maximum design speed exceeding 25 km/h, and of their trailers, with the exception of vehicles which run on rails, agricultural or forestry tractors and machinery, and public works vehicles. <i>ECE amendment No. 1.</i> Amended to change, to delete and to add certain definitions, to change requirements for approval (4.2), general specification (5.15), individual specification (6.21), and transitional provisions (clause 12), to add entries in the annex on communication (annex 1), to change requirements in the annex on arrangement of approval marks (annex 2), and to add an annex on visibility of conspicuity markings to the rear and side of a vehicle (annex 11).

Standard No. and year	Title, scope and purport
SANS 20050:2007/ ECE R50:2004 (SABS ECE R50:1983)	<i>Uniform provisions concerning the approval of front position lamps, rear position lamps, stop lamps, direction indicators and rear-registration-plate illuminating devices for vehicles of category L.</i> Applies to front position lamps, rear position lamps, stop lamps, direction indicators, and rear-registration-plate illuminating devices for vehicles of category L. <i>ECE amendment No. 1.</i> Amended to change the requirements for intensity of light emitted and to change limits in the annex on colours of lamps trichromatic co-ordinates (annex 5). <i>ECE amendment No. 2.</i> Amended to change the requirements for marking (4.3), to add entries in the annex on communication (annex 2), and to delete colour co-ordinates for selective-yellow in the annex on colours of lamps trichromatic co-ordinates (annex 5). <i>ECE amendment No. 3.</i> Amended to change the title and the scope, to insert a new footnote to the scope, and to change and to renumber the footnote regarding the distinguishing number of the country which has granted approval in the clause on approval (clause 5).
SANS 20074:2000/ ECE R74:2000	<i>Uniform provisions concerning the approval of category L₁ vehicles with regard to the installation of lighting and light-signalling devices.</i> <i>ECE amendment No. 1.</i> Amended to change certain requirements in the clause on individual specifications (clause 6). <i>ECE corrigendum No. 1 to ECE amendment No. 1.</i> Corrected to change a requirement in the clause on individual specifications (clause 6). <i>ECE amendment No. 2.</i> Amended to change a footnote to a subclause (4.4.1) in the clause on approval, and to change requirements in the clause on individual specifications (clause 6). <i>National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes, and to add information to the national foreword that relates to the compulsory application of the standard.
SANS 20091:2007/ ECE R91:2003 (SABS ECE R91:1993)	<i>Uniform provisions concerning the approval of side-marker lamps for motor vehicles and their trailers.</i> Applies to side-marker lamps for vehicles of category M, N, O and T. <i>ECE amendment No. 1.</i> Amended to change a definition for side-marker lamps of different types, and to change requirement for the application of approval (3.2.2) and marking (clause 4), to add requirements on general specifications (6.3), and test procedure (9.3), to add entries in the annex on communication (annex 2), to add text on light source modules in the annex on arrangements on approval marks (annex 3), and to change limits in the annex on colour of light emitted: lights for trichromatic coordinates (annex 5). <i>ECE amendment No. 2.</i> Amended to change a requirement for intensity of light emitted (7.1.2). <i>ECE amendment No. 3.</i> Amended to change a requirement for marking (4.5). <i>ECE amendment No. 4.</i> Amended to change the scope, to insert a new footnote to the scope, to change and to renumber the footnote regarding the distinguishing number of the country which has granted approval in the clause on approval (clause 5), and to renumber the remaining footnotes.
SANS 20098:2007/ ECE R98:2005 (SABS ECE R98:1996)	<i>Uniform provisions concerning the approval of motor vehicle headlamps equipped with gas-discharge light sources.</i> Applies to motor vehicle headlamps and motor vehicle distributed lighting systems which may incorporate lenses of glass or plastic material, and which are equipped with gas-discharge light source(s) being fitted in the headlamp or in the remote light-generator of the distributed lighting system. <i>ECE amendment No. 1.</i> Amended to change and to add provisions concerning driving beams (6.3).
SANS 50295-2:1991/ EN 295-2:1991	<i>Vitrified clay pipes and fittings and pipe joints for drains and sewers – Part 2: Quality control and sampling.</i> <i>EN amendment No. 1.</i> Amended to update referenced standards, to add a definition, to correct information in a table, to correct cross references, to modify wording in titles and clauses and to replace the clause on rubber sealing elements with a clause on regular tests and sampling for rigid fairings. <i>National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 50771-4:2007/ EN 771-4:2003	<i>Specification for masonry units – Part 4: Autoclaved aerated concrete masonry units.</i> <i>EN amendment No. 1.</i> Amended to update normative references, to insert, renumber and modify subclauses and to modify tables and figures.
SANS 60079-2:2007/ IEC 60079-2:2007 (SABS IEC 60079-2:2001)	<i>Explosive atmospheres – Part 2: Equipment protection by pressurized enclosures <<p>>.</i> Contains the specific requirements for the construction and testing of electrical apparatus with pressurized enclosures, of type of protection "p", intended for use in explosive gas atmospheres. It specifies requirements for pressurized enclosures containing a limited release of flammable substances. This standard supplements and modifies the general requirements of IEC 60079-0.
SANS 60079-7:2007/ IEC 60079-7:2006 (SANS 60079-7:2003)	<i>Explosive atmospheres – Part 7: Equipment protection by increased safety "e".</i> Specifies the requirements for the design, construction, testing and marking of electrical apparatus with type of protection increased safety "e" intended for use in explosive gas atmospheres. This standard applies to electrical apparatus where the rated voltage does not exceed 11 kV r.m.s. a.c or d.c. Additional measures are applied to ensure that the apparatus does not produce arcs, sparks, or excessive temperatures in normal operation or under specified abnormal conditions.
SANS 60079-11:2007/ IEC 60079-11:2006 (SABS IEC 60079-11:1999)	<i>Explosive atmospheres – Part 11: Equipment protection by intrinsic safety "i".</i> Specifies the construction and testing of intrinsically safe apparatus intended for use in an explosive gas atmosphere and for associated apparatus, which is intended for connection to intrinsically safe circuits which enter such atmospheres.
SANS 60079-19:2007/ IEC 60079-19:2006 (SABS IEC 60079-19:1993)	<i>Explosive atmospheres – Part 19: Equipment repair, overhaul and reclamation.</i> Gives instructions, principally of a technical nature, on the repair, overhaul, reclamation and modification of a certified equipment designed for use in explosive atmospheres; It is not applicable to maintenance, other than when repair and overhaul cannot be disassociated from maintenance, neither does it give advice on cable entry systems which may require renewal when the equipment is re-installed; It is not applicable to type of protection 'm'; Assumes that good engineering practices are adopted throughout.
SANS 60079-26:2007/ IEC 60079-26:2006 (SANS 60079-26:2005)	<i>Explosive atmospheres – Part 26: Equipment with equipment protection level (EPL) Ga.</i> Specifies the particular requirements for construction, test and marking for electrical equipment that provides equipment protection level (EPL) Ga. This electrical equipment, within the operational parameters specified by the manufacturer, ensures a very high level of protection that includes rare faults related to the equipment or two faults occurring independently of each other.
SANS 60086-2:2007/ IEC 60086-2:2006 (SABS IEC 60086-2:2001)	<i>Primary batteries – Part 2: Physical and electrical specifications.</i> Applies to primary batteries based on standardized electrochemical systems. Specifies the physical dimensions, the discharge test conditions and discharge performance requirements.
SANS 60120:1984/ IEC 60120:1984	<i>Dimensions of ball and socket couplings of string insulator units.</i> <i>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 60273:1990/ IEC 60273:1990	<i>Characteristics of indoor and outdoor post insulators for systems with nominal voltages greater than 1 000 V. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60305:1995/ IEC 60305:1995	<i>Insulators for overhead lines with a nominal voltage above 1 000 V – Ceramic or glass insulator units for a.c. systems – Characteristics of insulator units of the cap and pin type. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60320-2-1:2000/ IEC 60320-2-1:2000	<i>Appliance couplers for household and similar general purposes – Part 2-1: Sewing machine couplers. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60383-1:1993/ IEC 60383-1:1993	<i>Insulators for overhead lines with a nominal voltage above 1 000 V – Part 1: Ceramic or glass insulator units for a.c. systems – Definitions, test methods and acceptance criteria. National amendment No. 3.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60598-2-4:1997/ IEC 60598-2-4:1997	<i>Luminaires – Part 2: Particular requirements – Section 4: Portable general purpose luminaires. National amendment No. 2.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60598-2-7:1982/ IEC 60598-2-7:1982	<i>Luminaires – Part 2: Particular requirements – Section 7: Portable luminaires for garden use. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60815:1986/ IEC 60815:1986	<i>Guide for the selection of insulators in respect of polluted conditions. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60884-2-2:2007/ IEC 60884-2-2:2006 (SABS IEC 60884-2-2:1989)	<i>Plugs and socket-outlets for household and similar purposes – Part 2-2: Particular requirements for socket-outlets for appliances.</i> Applies to socket-outlets for a.c. only, with or without earthing contact, with a rated voltage not exceeding 250 V and a rated current not exceeding 16 A, which are integrated or intended to be incorporated in or fixed to appliances.
SANS 60884-2-3:2007/ IEC 60884-2-3:2006 (SABS IEC 60884-2-3:1989)	<i>Plugs and socket-outlets for household and similar purposes – Part 2-3: Particular requirements for switched socket-outlets without interlock for fixed installations.</i> Applies to switched socket-outlets without interlock, for fixed installation, for a.c. only with or without earthing contact, with rated voltage not exceeding 440 V and rated current not exceeding 32 A, intended for household and similar purposes, either indoors or outdoors
SANS 61000-1-1:1992/ IEC TR 61000-1-1:1992	<i>Electromagnetic compatibility (EMC) – Part 1: General – Section 1: Application and interpretation of fundamental definitions and terms. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 61058-2-5:1994/ IEC 61058-2-5:1994	<i>Switches for appliances – Part 2-5: Particular requirements for change-over selectors. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 61084-1:1991/ IEC 61084-1:1991	<i>Cable trunking and ducting systems for electrical installations – Part 1: General requirements. National amendment No. 3.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 61084-2-1:1996/ IEC 61084-2-1:1996	<i>Cable trunking and ducting systems for electrical installations – Part 2: Particular requirements – Section 1: Cable trunking and ducting systems intended for mounting on walls or ceilings. National amendment No. 2.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 61084-2-4:1996/ IEC 61084-2-4:1996	<i>Cable trunking and ducting systems for electrical installations – Part 2: Particular requirements – Section 4: Service poles. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 61156-3:2007/ IEC 61156-3:2003 (SANS 61156-3:2002)	<i>Multicore and symmetrical pair/quad cables for digital communications – Part 3: Work area wiring – Sectional specification.</i> Covers individually unscreened pairs in cables for work area wiring. Cables may be provided with a common screen over the cable core. The cables are intended to operate with voltages and currents normally adopted for communication systems.
SANS 61347-2-7:2007/ IEC 61347-2-7:2006 (SABS IEC 61347-2-7:2000)	<i>Lamp controlgear – Part 2-7: Particular requirements for d.c. supplied electronic ballasts for emergency lighting.</i> Specifies particular safety requirements for d.c. supplied electronic ballasts for maintained and non-maintained emergency lighting purposes.
SANS 61558-2-15:1999/ IEC 61558-2-15:1999	<i>Safety of power transformers, power supply units and similar – Part 2-15: Particular requirements for isolating transformers for the supply of medical locations. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 61558-2-19:2000/ IEC 61558-2-19:2000	<i>Safety of power transformers, power supply units and similar devices – Part 2-19: Particular requirements for perturbation attenuation transformers. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 300328:2007/ ETSI EN 300328:2006 (SANS 300328:2004)	<i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive.</i> Applies to Wide Band Data Transmission equipment which is used in wireless local area networks. Also applies to ad hoc networking where devices communicate directly with each other, without the use of a wireless infrastructure.

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 130:1996	<i>Thermoplastics pipes for the conveyance of fluids – Resistance to internal pressure – Test method.</i>
SANS 1635-2:1998	<i>Fork-lift trucks and pallet trucks – Part 2: Pallet trucks – Principal dimensions.</i>
SANS 1701-2-28:1996	<i>Bearings – Part 2: Rolling bearings – Section 28: Needle roller bearings – Track rollers – Boundary dimensions.</i>
SANS 1977-1:1976	<i>Conveyor chains, attachments and chain wheels – Part 1: Chains – metric series.</i>
SANS 1977-2:1974	<i>Conveyor chains, attachments and chain wheels – Part 2: Chain wheels.</i>
SANS 1977-3:1974	<i>Conveyor chains, attachments and chain wheels – Part 3: Attachments – Metric series.</i>
SANS 2502-1:1994	<i>Thermoplastics pipes – Longitudinal reversion – Part 1: Determination methods.</i>
SANS 2502-2:1994	<i>Thermoplastics pipes – Longitudinal reversion – Part 2: Determination parameters.</i>
SANS 5785:1973	<i>Elutriation of asbestos fibre (Turner and Newall Method).</i>
SANS 5786:1973	<i>Air permeability of asbestos fibre (Turner and Newall rapid surface area method).</i>
SANS 5787:1973	<i>Magnetic rating of asbestos fibre.</i>
SANS 5879:1976	<i>Resistance to flaming of vulcanized rubbers.</i>
SANS 9692:1992	<i>Metal-arc welding with covered electrode, gas-shielded metal-arc welding and gas welding – Joint preparations for steel.</i>
SANS 10122:1975	<i>Asbestos terms and definitions.</i>
SANS 11137:2006	<i>Sterilization of health care products – Requirements for validation and routine control – Radiation sterilization.</i>
SANS 11607:2006	<i>Packaging for terminally sterilized medical devices.</i>
SANS 12193:1994	<i>Animal and vegetable fats and oils – Determination of lead content – Graphite furnace atomic absorption method.</i>
SANS 50139:1994	<i>Respiratory protective devices – Compressed air line breathing apparatus for use with a full face mask, half mask or a mouthpiece assembly – Requirements, testing, marking.</i>
SANS 50271:1995	<i>Respiratory protective devices – Compressed air line or powered fresh air hose breathing apparatus incorporating a hood for use in abrasive blasting operations – Requirements, testing, marking.</i>
SANS 60034-10:1975	<i>Rotating electrical machines – Part 10: Conventions for description of synchronous machines.</i>
SANS 60570-2-1:2001	<i>Electrical supply track systems for luminaires – Part 2: Mixed supply systems – Section 1: Classes I and III.</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.