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**AIDS HELPLINE: 0800-0123-22 Prevention is the cure**

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

No. 168

4 March 2005

**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 311:2004	<i>Category L motor vehicles. Specifies the requirements for vehicles of category L.</i>
SANS 369-1:2004	<i>Code of practice for the operation of fire protection measures - Part 1: Electrical actuation of gaseous total flooding extinguishing systems. Provides recommendations for the planning, installation and servicing of electrical equipment for the actuation of gaseous total flooding fire extinguishing systems for use in a temperate climate.</i>
SANS 369-2:2004	<i>Code of practice for the operation of fire protection measures - Part 2: Mechanical actuation of gaseous total flooding and local application extinguishing systems. Gives recommendations for the planning, installation and servicing of mechanical equipment for the actuation of gaseous fire extinguishing systems.</i>
SANS 391:2004/ ISO 5576:1997	<i>Non-destructive testing - Industrial X-ray and gamma-ray radiology - Vocabulary. Defines terms used in industrial radiographic testing.</i>
SANS 393:2004/ ISO 5577:2000	<i>Non-destructive testing - Ultrasonic inspection - Vocabulary. Defines the terminology that is used in ultrasonic methods of non-destructive testing and forms a common basis for standards and general use.</i>
SANS 394:2004/ ISO 5579:1998	<i>Non-destructive testing - Radiographic examination of metallic materials by X- and gamma-rays - Basic rules. Specifies the basic rules for industrial radiography for flaw detection purposes, using film techniques, applicable to products and materials.</i>
SANS 395:2004/ ISO 5580:1985	<i>Non-destructive testing - Industrial radiographic illuminators - Minimum requirements. Specifies the minimum requirements for industrial illuminators used for viewing radiographs.</i>
SANS 396:2004/ ISO 10375:1997	<i>Non-destructive testing - Ultrasonic inspection - Characterization of search unit and sound field. Establishes procedures for specifying certain ultrasonic search unit characteristics and for measuring the associated sound field. Aims to establish uniformity of testing techniques, to form a basis for the interpretation of results and to establish the technical basis for criteria. Provides procedures for specifying sound field parameters and methods of measurement in immersion tests.</i>
SANS 704:2004/ ISO 704:2000	<i>Terminology work - Principles and methods. Establishes and harmonizes the basic principles and methods for preparing and compiling terminologies both inside and outside the framework of standardization. It describes the links between objects, concepts, and their representations through the use of terminologies. It also establishes general principles governing the formation of designations and the formulation of definitions. Full and complete understanding of these principles requires some background knowledge of terminology. The principles are general in nature and this standard is applicable to terminology work in scientific, technological, industrial, administrative, and other fields of knowledge.</i>
SANS 857-1:2004/ ISO 857-1:1998	<i>Welding and allied processes - Vocabulary - Part 1: Metal welding processes. Defines metal welding processes and related terms.</i>
SANS 1866:2004	<i>Surgical face masks. Covers five types of surgical face mask: type 1 mask is a fluid shield mask with or without an eye shield; type 2 mask is a particulate filtration respirator for use by patients with diseases such as tuberculosis; type 3 mask is a fog free mask for use with spectacles; type 4 mask is a mask for use with sensitive skin and type 5 mask is a standard mask. Requirements for materials and make are laid down and methods of test are included.</i>
SANS 1921-4:2004	<i>Construction and management requirements for works contracts - Part 4: Third-party management support in works contracts. Establishes requirements for construction management services, materials management services or a combination of such services in engineering and construction works contracts in which the employer appoints third parties to provide certain resources which a works contractor lacks.</i>
SANS 1921-6:2004	<i>Construction and management requirements for works contracts - Part 6: HIV/AIDS awareness. Establishes the means by which the risk of HIV spreading between and among construction workers and the local community can be reduced.</i>

Standard No. and year	Title, scope and purport
SANS 3059:2004/ ISO 3059:2001	<i>Non-destructive testing – Penetrant testing and magnetic particle testing – Viewing conditions.</i> Describes the control of the viewing conditions for magnetic particle and penetrant testing. It includes minimum requirements for the illuminance and W - A inadiance and their measurement. It is intended for use when the human eye is the primary detection aid.
SANS 3207:2004/ ISO 3207:1975	<i>Statistical interpretation of data – Determination of a statistical tolerance interval.</i> Specifies methods enabling a sample to be used as the basis for determining a statistical tolerance interval, which may be two-sided or one-sided. They are applicable only where the sample units may be assumed to have been selected at random and to be independent, and if the distribution is normal (if appropriate, transforming the variate may make it normal).
SANS 3301:2004/ ISO 3301:1975	<i>Statistical interpretation of data – Comparison of two means in the case of paired observations.</i> Specifies a method for the mean of a population of differences between paired observations with zero or any other preassigned value. It may be applied to establish a difference between two treatments, where "treatment" should be understood in a wide sense, e.g. as a test method, measuring instrument or laboratory involved, and is applicable under the conditions that the series of differences can be considered as a series of independent random items and the distribution of the differences is normal or approximately normal. If the distribution deviates from the normal, it remains valid provided the sample size is sufficiently large (100 or more).
SANS 3453:2004/ ISO 3453:1984	<i>Non-destructive testing – Liquid penetrant inspection – Means of verification.</i> Provides general guidance on the verification procedures to be applied when carrying out penetrant inspection. The intention is to ensure that the penetrant system works correctly and that there has been no harmful deterioration of the process materials during service.
SANS 6356:2004/ ISO 6356:2000	<i>Textile floor coverings – Assessment of static electrical propensity – Walking test.</i> Describes a method of evaluating the electrostatic propensity of all types of textile floor coverings under controlled conditions.
SANS 6520-2:2004/ ISO 6520-2:2001	<i>Welding and allied processes – Classification of geometric imperfections in metallic materials – Part 2: Welding with pressure.</i> Collects and classifies the possible imperfections in welds made with pressure, and specifies a uniform designation.
SANS 9934-1:2004/ ISO 9934-1:2001	<i>Non-destructive testing – Magnetic particle testing – Part 1: General principles.</i> Specifies general principles for the magnetic particle testing of ferromagnetic materials, applicable to the detection of surface-breaking discontinuities.
SANS 9935:2004/ ISO 9935:1992	<i>Non-destructive testing – Penetrant flaw detectors – General technical requirements.</i> Specifies general requirements for functional units for surface examination and functional units for control of UV radiation, and safety requirements.
SANS 9998:2004/ ISO 9998:1991	<i>Water quality – Practices for evaluating and controlling microbiological colony count media used in water quality tests.</i> Covers the comparison and evaluation of the same medium prepared from different lots of materials. It also covers the comparison and evaluation of different media which are used for the same purpose. It only deals with the finished product ready to be tested, and not media formulation or preparation.
SANS 10003:2004/ ISO 3:1973	<i>Preferred numbers – Series of preferred numbers.</i> Specifies series of preferred numbers.
SANS 10232-4:2004	<i>Transport of dangerous goods – Emergency information systems – Part 4: Transport emergency card.</i> Covers requirements for a transport emergency card (TREC) to make the driver of a vehicle transporting dangerous goods by road aware of the danger associated with the load, and to indicate its use as a concise and quick reference in an emergency situation. It facilitates the preparation of a TREC in a standardized format and by using standardized phrases.
SANS 10320:2004	<i>South African guide to the systematic evaluation of coal resources and coal reserves.</i> Provides a detailed framework for reporting on coal resources and coal reserves for the purposes of the Securities Exchange and the National Coal Inventory.
SANS 10993-3:2004/ ISO 10993-3:2003	<i>Biological evaluation of medical devices – Part 3: Test for genotoxicity, carcinogenicity and reproductive toxicity.</i> Specifies strategies for hazard identification and tests on medical devices for the following biological aspects: genotoxicity, carcinogenicity, and reproductive and developmental toxicity. Is applicable for evaluation of a medical device whose potential for genotoxicity, carcinogenicity or reproductive toxicity has been identified.
SANS 11133-2:2004/ ISO/TS 11133-2:2003	<i>Microbiology of food and animal feeding stuffs – Guidelines on preparation and production of culture media – Part 2: Practical guidelines on performance testing of culture media.</i> Sets criteria and methods for the performance testing of culture media. It applies to commercial bodies producing and/or distributing ready-to-use or semi-finished reconstituted or dehydrated media to microbiological laboratories; non-commercial bodies supplying media to third parties; and microbiological laboratories preparing culture media for their own use and evaluating the performance of these media.
SANS 11537:2004/ ISO 11537:1998	<i>Non-destructive testing – Thermal neutron radiographic testing – General principles and basic rules.</i> Specifies basic practices and conditions that are to be observed for thermal neutron radiography of materials and components for flaw detection.
SANS 12616:2004/ ISO 12616:2002	<i>Translation-oriented terminography.</i> Provides guidelines to enable translators and translation support staff to record, maintain and quickly and easily retrieve terminological information in connection with translation work. The quality of a translation can be measured partly in terms of linguistic elements, such as style and grammar, and partly in terms of the accurate use of the terminology involved. The guidelines provide the necessary elements for quality control of terminological information in translations. The guidelines can also be adapted to provide a basis for the administration of source-language texts, parallel texts, translations, and other information (e.g. bibliographies, references) in the target language.
SANS 12715:2004/ ISO 12715:1999	<i>Ultrasonic non-destructive testing – Reference blocks and test procedures for the characterization of contact search unit beam profiles.</i> Introduces two ultrasonic reference blocks and provides a general methodology of using the blocks in order to establish sound fields or beam profiles in contact tests.
SANS 12716:2004/ ISO 12716:2001	<i>Non-destructive testing – Acoustic emission inspection – Vocabulary.</i> Defines terms to provide precise understanding or interpretation of acoustic emission inspection.

Standard No. and year	Title, scope and purport
SANS 12721:2004/ ISO 12721:2000	<i>Non-destructive testing – Thermal neutron radiographic testing – Determination of beam L/D ratio.</i> Defines an empirical technique for the measurement of the effective collimation ratio and effective L/D of thermal neutron radiography beams.
SANS 13485:2004/ ISO 13485:2003	<i>Medical devices – Quality management systems – Requirements for regulatory purposes.</i> Specifies requirements for a quality management system where an organization needs to demonstrate its ability to provide medical devices and related services that consistently meet customer requirements and regulatory requirements applicable to medical devices and related services, and aims to facilitate harmonized medical device regulatory requirements for quality management systems. It can also be used by internal and external parties, including certification bodies, to assess an organization's ability to meet customer and regulatory requirements.
SANS 13843:2004/ ISO/TR 13843:2000	<i>Water quality – Guidance on validation of microbiological methods.</i> Deals with validation of microbiological methods, with particular emphasis on selective quantitative methods in which the quantitative estimate is based on counting of particles either directly, with the aid of a microscope, or indirectly, on the basis of growth (multiplication) into colonies or turbidity.
SANS 18593:2004/ ISO 18593:2004	<i>Microbiology of food and animal feeding stuffs – Horizontal methods for sampling techniques from surfaces using contact plates and swabs.</i> Specifies horizontal methods for sampling techniques using contact plates or swabs on surfaces in the food industry environment (and food processing plants), with a view of detecting or enumerating viable microorganisms.
SANS 20041:2004/ ECE R41:1994	<i>Uniform provisions concerning the approval of motorcycles with regard to noise.</i> Specifies the requirements for noise made by two-wheeled motorcycles having a maximum design speed exceeding 50 km/h.
SANS 20047:2004/ ECE R47:1981	<i>Uniform provisions concerning the approval of mopeds equipped with a positive-ignition engine with regard to the emission of gaseous pollutants by the engine.</i> Applies to the emission of gaseous pollutants made by two-wheeled or three-wheeled vehicles having a maximum design speed not exceeding 50 km/h and a cylinder capacity not exceeding 50 cm <sup>3</sup> .
SANS 20063:2004/ ECE R63:1985	<i>Uniform provisions concerning the approval of two-wheeled mopeds with regard to noise.</i> Specifies the requirements for noise made by two-wheeled mopeds.
SANS 20075:2004/ ECE R75:1997	<i>Uniform provisions concerning the approval of pneumatic tyres for motor cycles and mopeds.</i> Specifies the requirements for new pneumatic tyres designed primarily, but not only, for vehicles in categories L1, L2, L3 and L4. It does not apply to tyres designed exclusively for off road use and those designed exclusively for competitions.
SANS 20482:2004/ ISO 20482:2003	<i>Metallic materials – Sheet and strip – Erichsen cupping test.</i> Specifies a standard test method for determining the ability of metallic sheets and strips having a thickness from 0,1 mm up to 2 mm and a width of 90 mm or greater to undergo plastic deformation in stretch forming.
SANS 20807:2004/ ISO 20807:2004	<i>Non-destructive testing – Qualification of personnel for limited applications of non-destructive testing.</i> Provides a means for evaluating and documenting the competence of personnel whose duties require the appropriate theoretical knowledge and practical competence to carry out limited applications of non-destructive testing. It is not intended that qualification for limited applications be substituted for qualification and certification under SANS 9712/ISO 9712.
SANS 60695-11-10:2004/ IEC 60695-11-10:2003 (Ed. 1.1)	<i>Fire hazard testing – Part 11-10: Test flames – 50 W horizontal and vertical flame test methods.</i> Specifies a small-scale laboratory screening procedure for comparing the relative burning behaviour of vertically or horizontally oriented specimens made from plastic and other non-metallic materials, exposed to a small-flame ignition source of 50 W nominal power.

## 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 79:2004 (Ed. 4.1)	<i>Textiles – Mass per unit area of conditioned fabrics. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 80:2004 (SABS SM 80:1978)	<i>Mass (oven-dry plus conventional allowance) per unit area of textile fabrics, free from non-fibrous material.</i> Specifies a method for the evaluation of the mass (oven-dry plus conventional allowance) per unit area of textile fabrics, free from non-fibrous material.
SANS 180:2004 (Ed. 3.1)	<i>Primary cells and batteries. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 216-1-4:2004/ CISPR 16-1-4:2004 (Ed. 1.1)	<i>Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-4: Radio disturbance and immunity measuring apparatus – Ancillary equipment – Radiated disturbances. Consolidated edition incorporating amendment No. 1.</i> Amended to add three new definitions, change the title of the subclause 'Alternative test site suitability' to 'Test site suitability with ground-plane', and add a new subclause titled 'Test site suitability without ground-plane'.
SANS 216-4-3:2004/ CISPR/TR 16-4-3:2004	<i>Specification for radio disturbance and immunity measuring apparatus and methods – Part 4-3: Uncertainties, statistics and limit modelling – Statistical considerations in the determination of EMC compliance of mass-produced products.</i> Deals with statistical considerations in the determination of EMC compliance of mass-produced products.
SANS 309:2004 (Ed. 3.3)	<i>Anionic bitumen road emulsions. Consolidated edition incorporating amendment No. 3.</i> Amended to delete reference to the standardization mark scheme, to insert headings for the tables, to delete footnotes regarding standard dolerite chippings being obtainable from the SABS, to delete a footnote regarding information found in the appendices, and to delete reference to SABS 471 and replace it with SANS 50197-1.

Standard No. and year	Title, scope and purport
SANS 343:2004 (Ed. 4.2)	<i>Steel bedside lockers. Consolidated edition incorporating amendment No. 2</i> Amended to change the designation of SABS standards to SANS standards, to delete reference to the South African Bureau of Standards, and to update referenced standards.
SANS 878:2004 (SABS 878:1994)	<i>Ready-mixed concrete. Consolidated edition incorporating amendment No. 1.</i> Amended to change the maximum temperature at point of delivery, and to update referenced standards.
SANS 966-1:2004 (SABS 966-1:1994)	<i>Components of pressure pipe systems - Part 1: Unplasticized poly(vinyl chloride) (PVC-U) pressure pipe systems. Consolidated edition incorporating amendment No. 2.</i> Amended to include normative reference SANS 50681-1, to update the definition for "acceptable", to delete obsolete references from the bibliography and to update references.
SANS 1010:2004 (SABS 1010:2003)	<i>Bunting.</i> Covers requirements for two types of fabric suitable for use in the decoration of government and civic buildings and in the manufacture of flags.
SANS 1085:2004 (SABS 1085:1994)	<i>Wall outlet boxes for the enclosure of electrical accessories. Consolidated edition incorporating amendment No. 3.</i> Amended to update a referenced standard and the definition of "acceptable", and to include variations of box sizes.
SANS 1444-1:2004 (SABS 1444-1:1987)	<i>Schoolwear fabrics - Part 1: Basic requirements.</i> Covers the definitions, basic requirements, and requirements for packing, labelling, marking and the inspection and testing of fabrics that are suitable for use in the manufacture of school clothing, and whose specific requirements are covered by the relevant parts of this standard.
SANS 1444-2:2004 (SABS 1444-2:1987)	<i>Schoolwear fabrics - Part 2: Blazer fabrics.</i> Covers the specific requirements for six types of plain dyed fabric and one type of striped fabric suitable for use in the manufacture of schoolwear blazers.
SANS 1444-3:2004 (SABS 1444-3:1987)	<i>Schoolwear fabrics - Part 3: Polyester-and-wool fabrics.</i> Covers the requirements for polyester-and-wool fabrics suitable for use in the manufacture of school clothing.
SANS 1444-4:2004 (SABS 1444-4:1987)	<i>Schoolwear fabrics - Part 4: Polyester-and-viscose fabrics.</i> Covers the requirements for polyester-and-viscose fabrics, of three weave structures, suitable for use in the manufacture of school clothing.
SANS 1444-5:2004 (SABS 1444-5:1987)	<i>Schoolwear fabrics - Part 5: Polyester-and-cotton fabrics.</i> Covers the requirements for polyester-and-cotton fabrics, of two weave structures, suitable for use in the manufacture of school clothing.
SANS 1444-6:2004 (SABS 1444-6:1987)	<i>Schoolwear fabrics - Part 6: Shirting and blouse fabrics.</i> Covers the requirements for fabrics suitable for use in the manufacture of schoolwear shirts and blouses.
SANS 1444-7:2004 (SABS 1444-7:1987)	<i>Schoolwear fabrics - Part 7: Fabrics containing textured yarns.</i> Covers the specific requirements for fabrics, of two weave structures, containing textured yarns suitable for use in the manufacture of school clothing.
SANS 1444-8:2004 (SABS 1444-8:1987)	<i>Schoolwear fabrics - Part 8: Warp-knitted fabrics.</i> Covers the specific requirements for one type of warp-knitted fabric suitable for use in the manufacture of school clothing.
SANS 1700-8-2:1996/ ISO 8678:1988	<i>Fasteners - Part 8: Square neck bolts - Section 2: Cup heads square neck bolts with small head and short neck - Product grade B. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-10-2:1996/ ISO 1580:1994	<i>Fasteners - Part 10: Slotted headscrews - Section 2: Slotted pan headscrews - Product grade A. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-11-2:1996/ ISO 7046-1:1994	<i>Fasteners - Part 11: Countersunk flat headscrews (common head style) with type H or type Z cross recess - Product grade A - Section 2: Steel of property class 4.8. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-11-3:1996/ ISO 7046-2:1990	<i>Fasteners - Part 11: Cross recessed countersunk flat headscrews (common head style) - Grade A - Section 3: Steel of property class 8.8, stainless steel and ferrous metals. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-12-4:2004/ ISO 4028:2003 (SABS 1700-124:1996)	<i>Fasteners - Part 12: Set screws - Section 4: Hexagon socket set screws with dog point.</i> Specifies the characteristics of hexagon socket set screws with dog point and threads from ML6 up to and including M24 and of product grade A.
SANS 1700-15-1:1998/ ISO 7040:1997	<i>Fasteners - Part 15: Prevailing torque type nuts - Section 1: Prevailing torque type hexagon nuts (with non-metallic insert), style 1 - Property classes 5, 8 and 10. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-15-3:1998/ ISO 7042:1997	<i>Fasteners - Part 15: Prevailing torque type nuts - Section 3: Prevailing torque type all-metal hexagon nuts, style 2 - Property classes 5, 8, 10 and 12. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-15-4:1998/ ISO 7043:1997	<i>Fasteners - Part 15: Prevailing torque type nuts - Section 4: Prevailing torque type hexagon nuts with flange (with non-metallic insert) - Product grades A and B. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-15-5:1998/ ISO 7044:1997	<i>Fasteners - Part 15: Prevailing torque type nuts - Section 5: Prevailing torque type all-metal hexagon nuts with flange - Product grades A and B. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.

Standard No. and year	Title, scope and purport
SANS 1700-15-6:1998/ ISO 7719:1997	<i>Fasteners – Part IS: Prevailing torque type nuts – Section 6: Prevailing torque type all-metal hexagon nuts, style 1 – Property classes 5, 8 and 10. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-15-7:1998/ ISO 7720:1997	<i>Fasteners – Part IS: Prevailing torque type nuts – Section 7: Prevailing torque type all-metal hexagon nuts, style 2 – Property class 9. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-15-8:1998/ ISO 10511:1997	<i>Fasteners – Part IS: Prevailing torque type nuts – Section 8: Prevailing torque type hexagon thin nuts (with non-metallic insert). National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-15-9:1998/ ISO 10512:1997	<i>Fasteners – Part IS: Prevailing torque type nuts – Section 9: Prevailing torque type hexagon nuts (with non-metallic insert), style 1, with metric fine pitch thread – Property classes 6, 8 and 10. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-15-10:1998/ ISO 10513:1997	<i>Fasteners – Part IS: Prevailing torque type nuts – Section 10: Prevailing torque type all-metal hexagon nuts, style 2, with metric fine pitch thread – Property classes 8, 10 and 12. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-15-11:1998/ ISO 12125:1997	<i>Fasteners – Part IS: Prevailing torque type nuts – Section II: Prevailing torque type hexagon nuts with flange (with non-metallic insert) with metric fine pitch thread – Product grades A and B. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-15-12:1998/ ISO 12126:1997	<i>Fasteners – Part IS: Prevailing torque type nuts – Section 12: Prevailing torque type all-metal hexagon nuts with flange with metric fine pitch thread – Product grades A and B. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-17-3:1996/ ISO 2339:1986	<i>Fasteners – Part 17: Pins – Section 3: Taper pins, unhardened. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-17-15:1998/ ISO 8743:1997	<i>Fasteners – Part 17: Pins – Section 15: Grooved pins – Half-length centre grooved. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-17-22:1998/ ISO 8751:1997	<i>Fasteners – Part 17: Pins – Section 22: Spring-type straight pins – Coiled, light duty. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1799:2004 (Ed. 1.1)	<i>Watt-hourmeters – AC electronic meters for active energy. Consolidated edition incorporating amendment No. 1.</i> Amended to update the normative reference clause and referenced standards, to update a referenced Act, to delete the modifications for electrostatic discharges and the fast transient burst test, to clarify the requirements for meters in a 230 V nominal system, and to delete the reference to the proof of compliance.
SANS 1808-18:2004 (Ed. 1.1)	<i>Water supply and distribution system components – Part 18: PVC-U gate valves. Consolidated edition incorporating amendment No. 1.</i> Amended to update the list of parts, to redefine "acceptable", to remove reference to the certification mark, and to update the referenced standards.
SANS 1808-24:2004 (Ed. 1.1)	<i>Water supply and distribution system components – Part 24: Gas-operated water heaters. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the list of parts in the foreword, to remove reference to the certification mark and to update the referenced standards.
SANS 1808-30:2004 (Ed. 1.1)	<i>Water supply and distribution system components – Part 30: Laboratory water taps. Consolidated edition incorporating amendment No. 1.</i> Amended to remove reference to the certification mark, to update the list of parts in the foreword, to update the referenced standards and to delete the cross-referencing of clauses in referenced standards.
SANS 1808-35:2004 (Ed. 1.1)	<i>Water supply and distribution system components – Part 35: Electronically operated taps and valves. Consolidated edition incorporating amendment No. 1.</i> Amended to update the list of parts in the foreword; to remove reference to the certification mark, to update the referenced standards, to redefine "acceptable" and to delete reference to an agreement between the manufacturer and purchaser regarding the method of operation and environmental protection of the unit.
SANS 3207:2004/ ISO 3207:1975	<i>Statistical interpretation of data – Determination of a statistical tolerance interval. ISO addendum No. 1.</i> Changed to include an addendum on the determination of a statistical tolerance interval.
SANS 4136:2004/ ISO 4136:2001 (SABS ISO 4136:1989)	<i>Destructive tests on welds in metallic materials – Transverse tensile test.</i> Specifies the sizes of test specimen and the procedure for carrying out transverse tensile tests in order to determine the tensile strength and the location of fracture of a welded butt joint and it also applies to metallic materials in all forms of product with joints made by any fusion welding process.
SANS 5203:2004 (Ed. 3.1)	<i>Water – Copper content. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to update referenced standards.
SANS 5207:2004 (Ed. 3.1)	<i>Water – Iron content. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to update referenced standards.
SANS 5208:2004 (Ed. 3.1)	<i>Water – Lead content. 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 clauses in SANS 6168.
SANS 5210:2004 (Ed. 2.1)	<i>Water – Nitrate and nitrite content. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to update referenced standards.



Standard No. and year	Title, scope and purport
SANS 5213:2004 (Ed. 2.1)	<i>Water – Dissolved solids content. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update referenced standards, to convert the reference to a washing stage for the sample into a requirement and to change the wording of the requirement.
SANS 5258:2004 (SABS SM 258:1972)	<i>Buoyancy of fibre fillers for life jackets.</i> Specifies a method for the determination of the buoyancy of fibre fillers for life jackets.
SANS 5275:2004 (SABS SM 275:1987)	<i>Wales and courses per unit length in knitted textile fabrics (counting glass method).</i> Specifies a method for the determination of the wales and courses per unit length in knitted textile fabrics, using a counting glass.
SANS 5768:2004 (SABS SM 768:1978)	<i>Preparation of steel substrates before the application of paints and related products – Test for the assessment of cleanliness of blast-cleaned steel surfaces – Photo-electric reflectance measurement.</i> Specifies a method for the determination of the cleanliness of blast-cleaned steel surfaces before painting or application of related products, by examining the surface by photo-electric reflectance measurement.
SANS 5770:2004 (SABS SM 770:1978)	<i>Preparation of steel substrates before the application of paints and related products – Test for the assessment of cleanliness of blast-cleaned steel surfaces – Freedom from certain soluble salts.</i> Specifies a method for the determination of the cleanliness of blast-cleaned steel surfaces before painting or application of related products, by assessing the presence of certain soluble salts.
SANS 5772:2004 (SABS SM 772:1978)	<i>Preparation of steel substrates before the application of paints and related products – Surface roughness characteristics of blast-cleaned steel surfaces – Profile of blast-cleaned surfaces determined by a micrometer profile gauge.</i> Specifies a method for the determination of the surface roughness characteristics of blast-cleaned steel surfaces before painting or application of related products, with a micrometer profile gauge.
SANS 5775:2004 (SABS SM 775:1978)	<i>Preparation of steel substrates before the application of paints and related products – Surface roughness characteristics of blast-cleaned steel surfaces – Profile of blast-cleaned surfaces determined by metallographic section.</i> Specifies a method for the determination of the surface roughness characteristics of blast-cleaned steel surfaces before painting or application of related products, by measurement of a metallographic section.
SANS 5817:2004 (Ed. 2.1)	<i>Timber-based board products – Squareness. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 5826:2004/ ISO 5826:1999 (SABS ISO 5826:1983)	<i>Resistance welding equipment – Transformers – General specifications applicable to all transformers.</i> Gives specifications applicable to transformers for resistance welding equipment without connected rectifier.
SANS 5969:2004 (Ed. 1.1)	<i>Flatness of wooden board products. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 5970:2004 (Ed. 1.1)	<i>Edge straightness of wooden board products. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 6012:2004 (Ed. 1.1)	<i>Thickness swelling and water absorption of fibreboards on immersion in water. Consolidated edition incorporating amendment No. 1.</i> Amended to change the title, to change the designation of SABS standards to SANS standards, to change the dimensions of the specimen in figure 1, and to update normative references.
SANS 6015:2004 (Ed. 1.1)	<i>Modulus of elasticity and modulus of rupture in static bending of fibreboards. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to change the title and to update referenced standards.
SANS 6019:2004 (Ed. 1.1)	<i>Surface bond strength of particle boards. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to correct a numbering error, with no technical changes.
SANS 6049:2004 (Ed. 2.1)	<i>Water – Suspended solids content. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to update referenced standards.
SANS 6050:2004 (Ed. 2.1)	<i>Water – Sodium content. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to update referenced standards.
SANS 6054:2004 (Ed. 2.1)	<i>Water – Chromium content. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, and to update referenced standards.
SANS 6124:2004 (Ed. 2.2)	<i>Wooden doors – Determination of resistance to torsion. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 6168:2004 (Ed. 1.1)	<i>Water – Pretreatment for metal analysis. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to update referenced standards.
SANS 6171:2004 (Ed. 1.1)	<i>Water – Nickel content. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to update referenced standards.
SANS 6182:2004 (Ed. 1.1)	<i>Wooden doors – Class 1 – Determination of resistance to weathering. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 10044-1:2004 (SABS 044-1:1963)	<i>Welding – Part 1: Glossary of terms.</i> Defines selected terms used in welding, cutting, and allied processes.

Standard No. and year	Title, scope and purport
SANS 10085-1:2004 (Ed.1.1)	<i>The design, erection, use and inspection of access scaffolding – Part 1: Steel access scaffolding. Consolidated edition incorporating amendment No. 1.</i> Amended to delete a referenced standard and to correct cross-references
SANS 10092:2004 (SABS092:1971)	<i>Caravan parks. Recommendations for the siting, layout, design, construction, use, maintenance and operation of caravan parks are given. The period of occupancy is limited to three months in twelve months.</i>
SANS 10103:2004 (Ed.5.1)	<i>The measurement and rating of environmental noise with respect to land use, health, annoyance and to speech communication. Consolidated edition incorporating amendment No. 1.</i> Amended to replace references to SANS 60651 and SANS 60804 with SANS 61672-1; and to delete note 1 under road traffic noise.
SANS 10182:2004 (Ed.2.1)	<i>The measurement and assessment of acoustic environments for audiometric tests. Consolidated edition incorporating amendment No. 1.</i> Amended to replace references to SANS 60651 and SANS 60804 with SANS 61672-1.
SANS 10199:2004 (SABS0199:1985)	<i>The design and instatation of earth electrodes.</i> Intended to give authoritative guidance on the methods to be used in providing an earthing system and in calculating and measuring the essential characteristics of earth electrodes.
SANS 10198-8:2004 (SABS0198-8:1988)	<i>The selection, handling and instalation of electric power cables of rating not exceeding 33 kV – Part 8: Cable laymg and installation.</i> Deals with the practical aspects of handling and installing cables. It covers the procedures to be followed when installing electric power cables by direct burial, in pipes under roads or railways, m air in cleats or hangers, on cable trays and in enclosed cableways.
SANS 10210:2004 (Ed.2.2)	<i>Calculating and predicting road traffic noise. Consolidated edition incoprating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 10260-1:2004 (Ed.1.2)	<i>Industrial gas pipelines – Part 1: Distribution of oxygen, nitrogen and argon at consumer sites. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to update the list of parts in the foreword, and to change information given in a footnote on specialist advice.
SANS 10260-2:2004 (Ed. 1.1)	<i>Industrial gas pipelines – Part 2: Distribution of hydrogen at consumer sites. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to update the list of parts m the foreword.
SANS 10260-3:2004 (Ed. 1.1)	<i>Industrial gas pipelines – Part 3: Distribution of acetylene at consumer sites. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to update the referenced standards and Acts.
SANS 10260-4:2004 (Ed. 1.1)	<i>Industrial gas pipelines – Part 4: Distribution of carbon dioxide at consumer sites. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update referenced standards, and to change information given in a footnote on specialist advice.
SANS 10268-2:2004 (Ed. 1.1)	<i>Welding of thermoplastics – Welding processes – Part 2: Electrofusion welding. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, and to update the list of parts in the foreword.
SANS 10268-4:2004 (Ed. 1.1)	<i>Welding of thermoplastics – Welding processes – Part 4: Hot-gas extrusion welding. Consolidated edition incorporating amendment No 1.</i> Amended to change the designation of SABS standards to SANS standards, and to update the list of parts in the foreword.
SANS 10268-5:2004 (Ed. 1.1)	<i>Welding of thermoplastics – Welding processes – Part 5: Solvent welding. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the list of parts in the foreword and the references in the bibliography.
SANS 10270:2004 (Ed. 1.1)	<i>Welding of thermoplastics – Approval of welding procedures and welds. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards.
SANS 13818-1:2004/ ISO/IEC 13818-1:2000	<i>Information technology – Generic coding of moving pictures and associated audio information: Systems. ISO/IEC amendment No. 2.</i> Amended to support IPMP on MPEG-2 systems.
SANS 15504-4:2004/ ISO/IEC 15504-4:2004 (SABS ISO/IEC TR 15504-4:1998)	<i>Information technology – Process assessment – Part 4: Guidance on use for process improvement and process capability determination.</i> Provides guidance on how to utilize a conformant process assessment within a process improvement programme or for process capability determination. Within a process improvement (PI) context, process assessment provides a means of characterizing an organizational unit in terms of the capability of selected processes. Analysis of the output of a conformant process assessment against an organizational unit's business goals identifies strengths, weaknesses and risks related to the processes. This, in turn, can help determine whether the processes are effective in achieving business goals, and provide the drivers for making improvements. Process capability determination (PCD) is concerned with analysing the output of one or more conformant process assessments to identify the strengths, weaknesses and risks involved in undertaking a specific project using the selected processes within a given organizational unit. A process capability determination can provide a fundamental input to supplier selection, in which case it is often termed a "supplier capability determination".
SANS 20013:2004/ ECE R13:2004 (SABS ECE R13:1996)	<i>Uniform provisions concerning the approval of vehicles of categories M, N and O with regard to braking.</i> Applies to the braking of power-driven vehicles individually and of trailers individually of categories M, N and O.



Standard No. and year	Title, scope and purport
SANS 20017:2004/ ECE R17:2002 (SABS ECE R17:1990)	<p><i>Uniform provisions concerning the approval of vehicles with regard to the seats, their anchorages and any head restraints. Applies to the strength of seats, to their anchorages and to their head restraints, of vehicles of categories M1 and N, and to the strength of seats, to their anchorages and to their head restraints, of vehicles of categories M2 and M3, not covered by Regulation No. 80, 01 series of amendments. Also applies to the design of the rear parts of seat-backs and to devices intended to protect the occupants from the danger resulting from the displacement of luggage in a frontal impact, of vehicles of category M1. Does not apply to folding, side-facing or rear-ward facing seats, or to any head restraint fitted to these seats.</i></p> <p><i>ECE corrigendum No. 1. Changed to correct a reference in the definition for "reference line", to correct a value in the test of the performance of the head restraint, and to correct a value in the annex on the test procedure for checking energy dissipation.</i></p>
SANS 20041:2004/ ECE R41:1994	<p><i>Uniform provisions concerning the approval of motorcycles with regard to noise. ECE amendment No. 1.</i></p> <p>Amended to</p> <ol style="list-style-type: none"> <li>change definitions to cover exhaust and silencing systems;</li> <li>require the word "original part" to be part of marking for all original silencers and all packing of original replacement silencer systems;</li> <li>allocate distinguishing numbers to relevant countries;</li> <li>remove "the number of ignition pulses per two engine revolutions for each cylinder" from the information required;</li> <li>require a cross-sectional drawing indicating the dimensions of the exhaust system being part of communication information for approval;</li> <li>change "Modification and extension of the approval of the motor cycle type or of the type of exhaust or silencing system(s)", "Conformity of production" and "Transitional provisions";</li> <li>change annex 3 Methods and instruments for measuring noise made by motor cycles;</li> <li>insert a new annex for Specifications for the test site;</li> <li>change the maximum limits of sound level for new motorcycles;</li> <li>and delete the unnecessary paragraphs and renumber the relevant paragraphs and an annex.</li> </ol>
SANS 20063:2004/ ECE R63:1985	<p><i>Uniform provisions concerning the approval of two-wheeled mopeds with regard to noise. ECE amendment No. 1.</i></p> <p>Amended to</p> <ol style="list-style-type: none"> <li>change the title and the relevant definitions, and add certain new definitions;</li> <li>require all packaging of original replacements for exhaust silencing systems to be marked "original part"</li> <li>require the approval number to cover this amendment;</li> <li>allocate distinguishing numbers to relevant countries;</li> <li>update the paragraphs for "Modifications and extension of the approval of the moped type or of the type of exhaust or silencing system(s)", "Conformity of production" and "Production definitely discontinued";</li> <li>add "transitional provisions";</li> <li>change the annex for Communication;</li> <li>add new paragraphs for Acoustic measurements and for Speed measurements to the annex for Methods and instruments for measuring the noise made by mopeds;</li> <li>specify the measures to be taken when the ambient noise-level and measured noise-level is with certain range;</li> <li>change the relevant testing conditions;</li> <li>change the measurement of noise emitted by stationary mopeds and the interpretation of results for vehicles in motion;</li> <li>add the requirements for original exhaust (silencing) systems;</li> <li>insert a figure for Test apparatus for conditioning by pulsation;</li> <li>change the noise-level to more stringent level; and</li> <li>add detailed requirements for test site.</li> </ol> <p><i>ECE corrigendum No. 1. Amended to change Transitional provisions ECE corrigendum No. 2. Amended to allocate distinguishing numbers to relevant countries, to require at least three measurements to be taken at each measuring point, to specify the method of values to be rounded off, to require only values obtained from three consecutive measurements to be accepted if they do not differ by more than 2 dB(A), and of which the highest value to be taken as the test result.</i></p>
SANS 20075:2004/ ECE R75:1997	<p><i>Uniform provisions concerning the approval of pneumatic tyres for motor cycles and mopeds. ECE amendment No. 1.</i></p> <p>Amended to</p> <ol style="list-style-type: none"> <li>change the scope;</li> <li>make corrections to the definition for type of pneumatic tyres;</li> <li>allow the inscription of "DP" as an alternative;</li> <li>correct references and renumber relevant paragraphs and a note;</li> <li>allocate distinguishing numbers to relevant countries;</li> <li>change relevant provisions for conformity of production;</li> <li>correct an item of the annex for communication.</li> </ol> <p><i>ECE amendment No. 2. Amended to allocate distinguishing numbers to relevant countries, and replace the drawing of Enveloping curve for centrifugal growth test in the annex for test procedure for the dynamic growth of tyres.</i></p> <p><i>ECE amendment No. 3. Amended to allocate distinguishing numbers to relevant countries, and to add the speed category V to the tyre size "Reinforced" in the tables in the annex for method of measuring pneumatic tyres and that for procedure for load/speed performance tests.</i></p> <p><i>ECE amendment No. 4. Amended to insert new paragraph 2.18.1, new footnote and change the reference to footnote.</i></p>

Standard No. and year	Title, scope and purport
SANS 60439-1:2004/ IEC 60439-1:2004 (SANS 60439-1:1999)	<i>Low-voltage switchgear and controlgear assemblies – Part 1: Type-tested and partially type-tested assemblies. Consolidated edition incorporating IEC amendment No. 1.</i> Amended to <b>change</b> definitions, the requirements for the electrical characteristics of assemblies, the <b>information</b> given on the <b>nameplate</b> of an assembly, to <b>add</b> referenced standards, mechanical requirements, requirements for resistance to abnormal heat and fire and <b>for</b> electromagnetic compatibility, to delete the typical examples of assemblies, and to <b>correct</b> a clause number.
SANS 60598-1:2004/ IEC 60598-1:2003 (SABS IEC 60598-1:1999)	<i>Luminaires – Part 1: General requirements and tests.</i> Specifies general requirements <b>for</b> luminaires, incorporating electric light sources for operation from supply voltages up to 1 000 V. The requirements and related tests cover classification, marking, mechanical construction and electrical construction. <b>Covers all aspects of safety</b> (electrical, thermal and mechanical). Photometric data <b>for</b> luminaires is <b>not</b> included in this standard.
SANS 60695-11-10:2004/ IEC 60695-11-10:2003 (Ed. 1.1)	<i>Fire hazard testing – Part 11-10: Test flames – 50 W horizontal and vertical flame test methods. Consolidated edition incorporating IEC amendment No. 1.</i> Amended to change the requirements <b>for</b> test specimens, to <b>add</b> requirements <b>for</b> materials classified as HB, to add requirements <b>for</b> the vertical burning test and to <b>add</b> a referenced standard to the bibliography.
SANS 60851-5:2004/ IEC 60851-5:1997 (M. 1.2)	<i>Winding wires – Test methods – Part 5: Electrical properties. Consolidated edition incorporating IEC amendment No. 2.</i> Amended to correct the text of the formula <b>for</b> electrical resistance, replace the term "WIG pairs" with "WIG", change the test method <b>for</b> the low-voltage continuity test and to <b>add</b> a new test (Test 23: Pin hole), tolerances <b>for</b> the polished metal cylinder and metal mandrel, <b>rev</b> subclause <b>for</b> fibre wound round wire, a requirement <b>for</b> the high-voltage power supply and a normative annex A <b>for</b> dissipation factor methods.
SANS 61000-4-4:2004/ IEC 61000-4-4:2004 (SABS IEC 61000-4-4:1995)	<i>Electromagnetic compatibility (EMC) – Part 4-4: Testing and measurement techniques – Electrical fast transient/burst immunity test.</i> Relates to the immunity of electrical and electronic equipment to repetitive electrical fast transients. It gives immunity requirements and test procedures related to electrical <b>fast transients/bursts</b> . It additionally defines ranges of test levels and establishes test procedures.

### 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 285:1994	Calcium silicate masonry units
SANS 435:1972	Mild steel rivets
SANS 864:1988	Arc welding – Solid and tubular cored wires which deposit carbon and carbon manganese steel – Dimensions of wires, spools, rims and coils
SANS 1353:2000	A.C. motor capacitors
SANS 5727:1975	Moisture content of asbestos fibre
SANS 5728:1975	Colour of asbestos fibre
SANS 5729:1975	Dry classification of chrysotile asbestos fibre (Ro-Tap method)
SANS 5733:1971	Sampling of cement
SANS 5734:1971	Reagent purity and accuracy of weighings for cement testing
SANS 5736:1971	Silicon dioxide content of cement (rapid method)
SANS 5737:1971	Ammonium hydroxide group content of cement and calcined argillaceous material
SANS 5743:1971	Loss on ignition of cement
SANS 5750:1971	Transverse strength of cement mortar prisms
SANS 5752:1988	Setting times of cement
SANS 5753:1988	Soundness of cement
SANS 5782:1973	Sampling asbestos fibre for testing
SANS 5783:1973	Wet classification of asbestos fibre (Bauer-McNett Method)
SANS 5784:1973	Wet classification of asbestos fibre (Turner and Newall Method)
SANS 6006:1979	Number of tufts and/or loops per unit length and per unit area of textile floor coverings
SANS 8490:1986	Metallic materials – Sheet and strip – Modified Erichsen cupping test
SANS 10085:2000	The design, erection, use and inspection of access scaffolding

Standard No. and year	Title
SANS 10088:1972	<i>Pile foundations</i>
SANS 10561:1991	<i>Information technology – Printing devices – Method for measuring printer throughput</i>
SANS 15504-7:1998	<i>Information technology – Software process assessment – Part 7: Guide for use in process improvement</i>
SANS 15504-8:1998	<i>Information technology – Software process assessment – Part 8: Guide for use in determining supplier process capability</i>
SANS 50413-1:1994	<i>Masonry cement – Part 1: Specification</i>
SANS 61131-1:1992	<i>Programmable controllers – Part 1: General information</i>
SANS 61131-2:1992	<i>Programmable controllers – Part 2: Equipment requirements and tests</i>
SANS 61131-3:1993	<i>Programmable controllers – Part 3: Programming languages</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 President, 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, PO Box 20265, Willows, 9320.