

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

No. 431

13 May 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 140-14:2005/ ISO 140-14:2004	<i>Acoustics – Measurement of sound insulation in buildings and of building elements – Part 14: Guidelines for special situations in the field. Concerns field measurements of airborne sound insulation and impact sound insulation, and is to be used as a supplement to SANS 140-4 and SANS 140-7. It contains guidelines on sound insulation measurements in special situations in the field not directly covered by SANS 140-4 and SANS 140-7.</i>
SANS 216-3:2005/ CISPR/TR 16-3:2003	<i>Specification for radio disturbance and immunity measuring apparatus and methods – Part 3: CISPR technical reports. Contains specific technical reports and information on the history of CISPR. Over the years, the CISPR prepared a number of recommendations and reports that have significant technical merit but were not generally available. Reports and recommendations were for some time published in CISPR 7 and 8. It was decided in 1988 to publish the reports for posterity by giving the reports a permanent place in part 3.</i>
SANS 218-1:2005/ CISPR 18-1:1982	<i>Radio interference characteristics of overhead power lines and high-voltage equipment – Part 1: Description of phenomena. Applies to radio noise from overhead power lines and high-voltage equipment which may cause interference to radioreception, excluding the fields from power line carrier signals. The frequency range covered is 0,15 MHz to 300 MHz.</i>
SANS 218-3:2005/ CISPR 18-3:1986	<i>Radio interference characteristics of overhead power lines and high-voltage equipment – Part 3: Code of practice for minimizing the generation of radio noise. Applies to radio noise from overhead power lines and high-voltage equipment which may cause interference to radioreception, excluding the fields from power line carrier signals. The frequency range covered is 0,15 MHz to 300 MHz.</i>
SANS 219:2005/ CISPR 19:1983	<i>Guidance on the use of the substitution method for measurements of radiation from microwave ovens for frequencies above 1 GHz. Provides guidance on the use of the substitution method for measurements of radiation from microwave ovens for frequencies above 1 GHz.</i>
SANS 289:2005	<i>Labelling requirements for prepackaged products (prepackages) and general requirements for the sale of goods subject to legal metrology control. Specifies requirements for labelling, measuring units to be used and prescribed sizes for prepackaged goods.</i>
SANS 337:2005	<i>Stove couplers. Covers couplers for connecting free-standing stoves rated above 16 A to the electricity supply. The voltage rating for single-phase stove couplers is 250 V maximum and for three-phase stove couplers is 440 V maximum.</i>
SANS 350-2:2005/ ISO 1132-2:2001	<i>Rolling bearings – Tolerances – Part 2: Measuring and gauging principles and methods. Establishes guidelines for measurement of dimensions, running accuracy and internal clearance of rolling bearings.</i>
SANS 351:2005/ ISO 7 619:87	<i>Rolling bearings – Static load ratings. Specifies methods of calculating the basic static load rating and the static equivalent load for rolling bearings.</i>
SANS 352:2005/ ISO 104:2002	<i>Rolling bearings – Thrust bearings – Boundary dimensions. general plan. Specifies the major boundary dimensions of single-direction and double-direction thrust bearings with flat back faces. Gives the minimum bore diameters of housing washers and the maximum outside diameters of shaft washers of bearings in dimension series 11, 12, 13, 14, 22, 23 and 24.</i>
SANS 353:2005/ ISO 113:1999	<i>Rolling bearings – Plummer block housings – Boundary dimensions. Specifies boundary dimensions for two bolt plummer block housings primarily intended for rolling bearings in diameter series 0, 1, 2 and 3 as specified in ISO 15, and for four bolt plummer block housings primarily intended for rolling bearings in diameter series 0, 1 and 2.</i>
SANS 354:2005/ ISO 281:1990	<i>Rolling bearings – Dynamic load ratings and rating life. Specifies methods of calculating the basic dynamic load rating of roller bearings within the size ranges shown in the relevant ISO publications. Specifies methods of calculating the basic rating life, which is the life associated with 90 % reliability, and adjusted rating life.</i>
SANS 355:2005/ ISO 355:1977	<i>Rolling bearings – Metric tapered roller bearings – Boundary dimensions and series designations. Specifies bearing and sub-unit boundary dimensions for single-row metric tapered roller bearings. Also specifies a series designation for each bearing.</i>

Standard No. and year	Title, scope and purport
SANS 357-17:2005/ ISO 683-17:1999	<i>Heat-treated steels, alloy steels and pear-cutting steels – Part 17: Ball and roller bearing steels. Specifies the technical delivery requirements for five groups of wrought ball and roller bearing steels, namely through-hardening bearing steels (steels with about 0.4 % C and 1 % to 2 % Cr), case-hardening bearing steels, induction-hardening bearing steels (unalloyed and alloyed), stainless bearing steels, and high temperature bearing steels.</i>
SANS 374:2005	<i>Standard test methods for chloride ion in water. Specifies test methods that cover the determination of chloride ion in water, wastewater and brines.</i>
SANS 375:2005	<i>Standard test method for turbidity of water. Specifies a test method that covers the determination of turbidity in water and wastewater. The method is applicable to the measurement of turbidities in the range from 1,0 to 40 nephelometric turbidity units (NTU).</i>
SANS 376:2005	<i>Standard test methods for arsenic in water. Specifies test methods that cover the photometric and atomic absorption determination of arsenic in most waters and wastewaters.</i>
SANS 377:2005	<i>Standard test methods for selenium in water. Specifies test methods that cover the determination of dissolved and total recoverable selenium in most waters and wastewaters. The methods are applicable to both inorganic and organic forms of dissolved selenium and are most applicable in the ranges 1 µg/L to 100 µg/L.</i>
SANS 579:2005/ ISO 579:1999	<i>Coke – Determination of total moisture. Specifies a method for determining the total moisture of coke. It can be used for the determination of moisture of blast-furnace coke, foundry nuke and other high-temperature carbonization products.</i>
SANS 1206:2005/ ISO 1206:2001	<i>Rolling bearings – Needle roller bearings, dimension series 48, 49 and 69 – Boundary dimensions and tolerances. Specifies boundary dimensions and normal class tolerances for needle roller bearings of dimension series 48, 49 and 69 as given in ISO 15.</i>
SANS 2200:2005/ CISPR 20:2002	<i>Sound and television broadcast receivers and associated equipment – Immunity characteristics – Limits and methods of measurement. Applies to television broadcast receivers, sound broadcast receivers and associated equipment intended for use in the residential, commercial and light industrial environment. It describes the methods of measurement and specified limits applicable to sound and television receivers and to associated equipment with regard to their immunity characteristics to disturbing signals.</i>
SANS 6520-1:2005/ ISO 6520-1:1998	<i>Welding and allied processes – Classification of geometric imperfections in metallic materials – Part 1: Fusion welding. Serves as the basis for a precise classification and description of weld imperfections.</i>
SANS 10705-4:2005/ ISO 10705-4:2001	<i>Water quality – Detection and enumeration of bacteriophages – Part 4: Enumeration of bacteriophages infecting <i>Bacteroides fragilis</i>. Specifies a method for the detection and enumeration of bacteriophages infecting <i>Bacteroides fragilis</i> by incubating the sample with an appropriate host-strain. The method is applicable to all kinds of water, sediments and sludge extracts, where necessary after dilution. In the case of low phage numbers, a pre-concentration step may be necessary.</i>
SANS 11699-1:2005/ ISO 11699-1:1998	<i>Nondestructive testing – Industrial radiographic films – Part 1: Classification of film systems for industrial radiography. Deals with the performance of film systems and intends to ensure that the image quality of radiographs is in conformity with the requirements of international standards.</i>
SANS 11699-2:2005/ ISO 11699-2:1998	<i>Nondestructive testing – Industrial radiographic films – Part 2: Control of film processing by means of reference values. Describes a procedure for the control of film processing systems.</i>
SANS 11722:2005/ ISO 11722:1999	<i>Solid mineral fuels – Hard coal – Determination of moisture in the general analysis test sample by drying in nitrogen. Specifies a method for determining the moisture in the general analysis test sample of hard coal by drying in nitrogen.</i>
SANS 11799:2005/ ISO 11799:2003	<i>Information and documentation – Document storage requirements for archive and library materials. Specifies the characteristics of general-purpose repositories used for the long-term storage of archive and library materials. It covers the siting and construction of the building and the installation and equipment to be used.</i>
SANS 12281:2005/ EN 12281:2002	<i>Printing and business paper – Requirements for copy paper for dry toner imaging processes. Specifies the performance requirements for uncoated cut-size paper for dry toner imaging processes (i.e. copying paper), in 80 g/m² and in A4 format based on EN ISO 216. Other grammages and sizes of the ISO-A series are covered by this standard, as long as the requirements specified in this standard are fulfilled.</i>
SANS 12651:2005/ ISO 12651:1999	<i>Electronic imaging – Vocabulary. Facilitates communication in the field of electronic imaging. It presents, in two languages, terms and definitions of selected concepts relevant to this field of information technologies and identifies relationships among the entries.</i>
SANS 13888-1:2005/ ISO/IEC 13888-1:2004	<i>IT security techniques – Non-repudiation – Part 1: General. Provides a general model for subsequent parts of SANS 13888 specifying non-repudiation mechanisms using cryptographic techniques and non-repudiation mechanisms for the following phases of non-repudiation: evidence generation; evidence transfer, storage and retrieval; and evidence verification.</i>
SANS 14047:2005/ ISO/TR 14047:2003	<i>Environmental management – Life cycle impact assessment – Examples of application of SA 14042. Provides examples to illustrate current practice in carrying out a life cycle impact assessment in accordance with SANS 14042. These are only examples of the total possible ways to satisfy the provisions of SANS 14042. They reflect the key elements of the life cycle impact assessment (LCIA) phase of the LCA.</i>
SANS 14062:2005/ ISO/TR 14062:2002	<i>Environmental management – Integrating environmental aspects into product design and development. Describes concepts and current practices relating to the integration of environmental aspects into product design and development, where "product" is understood to cover both goods and services. SANS 14062:2005 is applicable to the development of sector-specific documents and is not applicable as a specification for certification and registration purposes.</i>

Standard No. and year	Title, scope and purport
SANS 14416:2005/ ISO 14416:2003	<i>Information and documentation – Requirements for binding of books, periodicals, serials and other paper documents for archive and library use – Methods and materials.</i> Applicable to the binding of books, periodicals and archive documents which have special requirements for durability and permanence. The use, as well as the wear and tear, of library and archive documents varies. The choice of binding method should therefore relate to the appropriate requirements of a specific library or archive.
SANS 15511:2005/ ISO 15511:2003	<i>Information and documentation – International Standard Identifier for Libraries and Related Organizations (ISIL).</i> Defines and promotes the use of a set of standard identifiers (ISILs) for the unique identification of libraries and related organizations with a minimum impact on already existing systems. An ISIL identifies an organization, i.e., a library or a related organization, or one of its subordinate units, which is responsible for an action or service in a bibliographic environment (e.g. the creation of machine-readable information). It can be used to identify the originator or holder of a resource (e.g. library material). An ISIL is not intended to be used to classify organizations or their services and holdings.
SANS 15708-1:2005/ ISO 15708-1:2002	<i>Non-destructive testing – Radiation methods – Computed tomography – Part 1: Principles.</i> Provides a tutorial introduction to the theory and use of computed tomography (CT) and describes the physical and mathematical basis of CT technology, the hardware and software requirements of CT equipment, and the fundamental measures of CT performance.
SANS 15708-2:2005/ ISO 15708-2:2002	<i>Non-destructive testing – Radiation methods – Computed tomography – Part 2: Examination practices.</i> Describes computed tomography (CT) procedures that can provide non-destructive testing and evaluation. Requirements intend to control the reliability and quality of CT images. Applicable for the systematic assessment of the internal structure of a material or assembly. Provides a basis for the formation of a program for quality control.
SANS 15801:2005/ ISO/TR 15801:2004	<i>Electronic imaging – Information stored electronically – Recommendations for trustworthiness and reliability.</i> Describes the implementation and operation of information management systems which store information electronically and where the issues of trustworthiness, reliability, authenticity and integrity are important. Covers the whole life cycle of a stored electronic document, from initial capture to eventual destruction. Applies to any information management system, including traditional document imaging, workflow and COLD/ERM technologies, and using any type of electronic storage medium including WORM and rewritable technologies.
SANS 15924:2005/ ISO 15924:2004	<i>Information and documentation – Codes for the representation of names of scripts.</i> Provides a code for the presentation of names of scripts. The codes were devised for use in terminology, lexicography, bibliography, and linguistics, but they may be used for any application requiring the expression of scripts in coded form. This International Standard also includes guidance on the use of script codes in some of these applications.
SANS 20040:2005/ ECE R40: 1979	<i>Uniform provisions concerning the approval of motorcycles equipped with a positive-ignition engine with regard to the emission of gaseous pollutants by the engine.</i> Specifies the requirements for the emission of gaseous pollutants from positive-ignition engines of two-wheeled or three-wheeled motor cycles having an unladen mass of less than 400 kg and having a maximum design speed exceeding 50 km/h or cylinder capacity exceeding 50 cm ³ , or both.
SANS 21827:2005/ ISO/IEC 21827:2002	<i>Information technology – Systems Security Engineering – Capability Maturity Model (SSE-CMM®).</i> Defines requirements for implementing security in a system or series of related systems that are in the information technology security (ITS) domain.
SANS 23081-1:2005/ ISO/TS 23081-1:2004	<i>Information and documentation – Records management processes – Metadata for records – Part 1: Principles.</i> Covers the principles that underpin and govern records management metadata.
SANS 51714:2005/ EN 17141:1997	<i>Non-destructive testing of welds – Ultrasonic testing of welded joints.</i> Specifies methods for the manual ultrasonic testing of fusion welded joints in metallic materials. Intended for use on full penetration welded joints where both the welded and parent material are ferritic.
SANS 60099-6:2005/ IEC 60099-6:2002	<i>Surge arresters – Part 6: Surge arresters containing both series and parallel gapped structures – Rated 52 kV and less.</i> Specifies requirements and tests for metal-oxide surge arresters with internal series gaps, with rated voltages 52 kV and below. Applies to non-linear metal-oxide resistor type surge arresters with spark gap designed to limit voltage surges on a.c. power circuits.
SANS 60669-2-4:2005/ IEC 60669-2-4:2004	<i>Switches for household and similar fixed electrical installations – Part 2-4: Particular requirements – Isolating switches.</i> Applies to manual operated general purpose isolating switches with a rated voltage not exceeding 440 V and a rated current not exceeding 125 A, intended for household and similar fixed electrical installations, either indoors or outdoors.
SANS 60670-21:2005/ IEC 60670-21:2004	<i>Boxes and enclosures for electrical accessories for household and similar fixed electrical installations – Part 21: Particular requirements for boxes and enclosures with provision for suspension means.</i> Applies to boxes and enclosures with provision for suspension means for electrical accessories with a rated voltage not exceeding 1 000 V a.c. and 1 500 V d.c. intended for household or similar fixed electrical installations, either indoors or outdoors.
SANS 62133:2005/ IEC 62133:2002	<i>Secondary cells and batteries containing alkaline or other non-acid electrolytes – Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications.</i> Specifies requirements and tests for the safe operation of portable sealed secondary cells and batteries (other than button) containing alkaline or other non-acid electrolyte.
SANS 62208:2005/ IEC 62208:2002	<i>Enclosures for low-voltage switchgear and controlgear assemblies – General requirements.</i> Specifies definitions, classifications, characteristics and test requirements of enclosures to be used as part of switchgear and controlgear assemblies in accordance with the SANS 60439 series, the rated voltage of which does not exceed 1 000 V a.c. at frequencies not exceeding 1 000 Hz, or 1 500 V d.c. and suitable for general use for either indoor or outdoor applications.
SANS 62259:2005/ IEC 62259:2003	<i>Secondary cells and batteries containing alkaline or other non-acid electrolytes – Nickel-cadmium prismatic secondary single cells with partial gas recombination.</i> Specifies marking, designation, dimensions, tests and requirements for vented nickel-cadmium prismatic secondary single cells where special provisions have been made in order to have partial or, under very specific conditions, full gas recombination.

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 164-22005 (Ed. 2.1)	<i>Plugs and socket-outlets for household and similar purposes – Part 2: National adaptation of IEC worldwide system (16A 250 V). Consolidated edition incorporating amendment No. 1. Amended to update referenced standards, to change the dimensions of the two-pole portable socket-outlet without earthing contact (for class 2 equipment), to change the dimensions of the two-pole plug without earthing contact (for class 2 equipment), and to vet the indent from the outline of the two-pole plug.</i>
SANS 216-1-3:2005/ CISPR 16-1-3:2004 (SANS 216-1-3:2004)	<i>Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-3: Radio disturbance and immunity measuring apparatus – Ancillary equipment – Disturbance power. Specifies the characteristics and calibration of the absorbing clamp for the measurement of radio disturbance power in the frequency range 30 MHz to 1 GHz.</i>
SANS 218-3:2005/ CISPR 18-3:1986	<i>Radio interference characteristics of overhead power lines and high-voltage equipment – Part 3: Code of practice for minimizing the generation of radio noise. CISPR amendment No. 1. Amended to add a new clause 4 containing formulae for the predetermination of the radio noise field produced by large conductor bundles and tubular conductors, a new informative annex B describing an analytical procedure relating to the above, and a new informative annex C comprising a bibliography and references.</i>
SANS 351:2005/ ISO 76:1987	<i>Rolling bearings – Static load ratings. ISO amendment No. 1. Amended to add an informative annex on discontinuities in the calculation of basic static load ratings.</i>
SANS 354:2005/ ISO 281:1990	<i>Rolling bearings – Dynamic load ratings and rating life. ISO amendment No. 1. Amended to change the scope in order to comply with the changed wording for the designation of factor b_m, to change the definition of factor b_m, and to change the value of factor b_m from 1 to 1,3 for insert bearings (see table 1). ISO amendment No. 2. Amended to replace adjusted rating life by life modification factor.</i>
SANS 355:2005/ ISO 355:1977	<i>Rolling bearings – Metric tapered roller bearings – Boundary dimensions and series designations. ISO addendum No. 1. Specifies bearing width and cup width for double row metric tapered roller bearings. ISO addendum No. 2. Specifies flange dimensions of flanged cups for a selection of metric tapered roller bearings.</i>
SANS 621:2005 (Ed. 3.2)	<i>Castors for hospital equipment. Consolidated edition incorporating amendment No. 2. Amended to change the definitions of "acceptable" and "AQL", to update referenced standards, to change the title of appendix C, and to change the reference to quality verification.</i>
SANS 640:2005 (SABS 640:1976)	<i>Flexible polyurethane (polyether) foams. Covers the requirements for eight classes (based on density) of flexible polyurethane foams of the polyether type, in the form of blocks, slabs, sheets, and shapes cut from these. Each class is subdivided according to the hardness of the foam into at least four grades.</i>
SANS 660:2005 (Ed. 3.3)	<i>Classroom furniture. Consolidated edition incorporating amendment No. 3. Amended to update referenced standards and to indicate preferred dimensions of chairs for general use.</i>
SANS 1071:2005/ ISO 1071:2003 (SABS ISO 1071:1983)	<i>Welding consumables – Covered electrodes, wires, rods and tubular cored electrodes for fusion welding of cast iron – Classification. Specifies requirements for classification of covered electrodes for manual metal arc welding, wire electrodes for metal arc welding, tubular cored electrodes for metal arc welding with and without a gas shield, rods for TIG-welding and rods for oxyfuel gas welding of unalloyed cast irons.</i>
SANS 1109-1:2005/ ISO 7-1:1994 (SABS 1109-1:1990)	<i>Pipe threads where pressure-tight joints are made on the threads – Part 1: Dimensions, tolerances and designation. Specifies the requirements for thread form, dimensions, tolerances and designation for jointing pipe threads, sizes 1/16 to 6 inclusive, for joints made pressure-tight by the mating of the threads. These threads are taper external, parallel internal or taper internal and are intended for use with pipes suitable for threading and for valves, fittings or other pipeline equipment interconnected by threaded joints.</i>
SANS 1173:2005 (SABS 1173:2000)	<i>General purpose textile-reinforced conveyor belting. Covers general requirements for textile-reinforced conveyor belting designed for use on flat or troughed idlers. The belting is classified according to the minimum full thickness breaking strength of the finished belting in kilonewtons per metre (kN/m). Speciality belting, such as heat resistant belting, oil resistant belting, and belting suitable for use on elevators and food conveyors, is not covered. Does not specify data for design of belting installations; for information refer to the manufacturer's catalogue.</i>
SANS 1212:2005 (Ed. 2.4)	<i>The National Flag. Consolidated edition incorporating amendment No. 4. Amended to change the designation of SABS standards to SANS standards, to update referenced standards and the definition of "acceptable" and to modify the reference to the certification mark.</i>
SANS 1388:2005 (Ed. 1.1)	<i>Tributyltin oxide-lindane timber preservative. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards, to change the definition for "acceptable", and to update referenced standards.</i>
SANS 1578:2005 (Ed. 1.2)	<i>Durable organic powders for coating of external architectural aluminium. Consolidated edition incorporating amendment No. 2. Amended to replace the reference to SANS 50413-1 with SANS 413-1 and the reference to SANS 5157 with SANS 6270-1, and to update reference titles.</i>
SANS 1603-22005 (Ed. 1.1)	<i>Accessories for use in antenna installations – Part 2: Outlet boxes. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards and to change the definition of "acceptable".</i>

Standard No. and year	Title, scope and purport
SANS 1609-1:2005 (Ed.1.1)	<i>Radio transmissions in the VHF band – Part I: Transmission standards for FM sound broadcasting. Consolidated edition incorporating amendment No. 1. Amended to change the designation from SABS to SANS, with m technical changes.</i>
SANS 1611:2005 (Ed. 1.1)	<i>The mechanical requirements for satellite television receiving antennas. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards, to substitute the plural form 'antennae' with 'antennas', and to update referenced standards and the definition of 'acceptable'.</i>
SANS 1632-1:2005 (Ed. 1.1)	<i>Batteries – Part I: General information – Definitions, abbreviations and symbols. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standard, to update referenced standards, and to correct a temperature m table A.1.</i>
SANS 1700-12-6:1996/ ISO 4766:1983	<i>Fasteners – Part 12: Set screws – Section 6: Slotted set screws with flat point. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 1700-12-7:1996/ ISO 7434:1983	<i>Fasteners – Part 12: Set screws – Section 7: Slotted set screws with cone point. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 1700-12-8:1996/ ISO 7435:1983	<i>Fasteners – Part 12: Set screws – Section 8: Slotted set screws with long dog point. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with m technical changes.</i>
SANS 1700-12-9:1996/ ISO 7436:1983	<i>Fasteners – Part 12: Set screws – Section 9: Slotted set screws with cup point. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 1700-13-1:1996/ ISO 1479:1983	<i>Fasteners – Part 13: Tapping screws – Section 1: Hexagon head tapping screws. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 1700-13-2:1996/ ISO 1481:1983	<i>Fasteners – Part 13: Tapping screws – Section 2: Slotted pan head tapping screws. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 1700-13-3:1996/ ISO 1482:1983	<i>Fasteners – Part 13: Tapping screws – Section 3: Slotted countersunk (flat) head tapping screws (common head style). National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 1700-13-4:1996/ ISO 1483:1983	<i>Fasteners – Part 13: Tapping screws – Section 4: Slotted raised countersunk (oval) head tapping screws (common head style). National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes. –</i>
SANS 1700-13-5:1996/ ISO 7049:1983	<i>Fasteners – Part 13: Tapping screws – Section 5: Cross recessed pan head tapping screws. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 1700-13-7:1996/ ISO 7051:1983	<i>Fasteners – Part 13: Tapping screws – Section 7: Cross recessed raised countersunk (oval) head tapping screws. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 1700-14-9:1996/ ISO 7413:1984	<i>Fasteners – Part 14: Hexagon nuts – Section 9: Hexagon nuts for structural bolting, style I, hot-dip galvanized (oversize tapped) – Product grades A and B – Property classes 5, 6 and 8. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with m technical change.</i>
SANS 1700-16-10:1996/ ISO 8738:1986	<i>Fasteners – Part 16: Washers – Section 10: Plain washers for clevis pins – Product grade A. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with m technical changes.</i>
SANS 1700-17-1:1998/ ISO 1234:1997	<i>Fasteners – Part 17: Pins – Section 1: Split pins. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 1700-17-2:1998/ ISO 2338:1997	<i>Fasteners – Part 17: Pins – Section 2: Parallel pins, of unhardened steel and austenitic stainless steel. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 1700-17-4:1996/ ISO 2340:1986	<i>Fasteners – Part 17: Pins – Section 4: Clevis pins without head. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 1700-17-5:1996/ ISO 2341:1986	<i>Fasteners – Part 17: Pins – Section 5: Clevis pins with head. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 1700-17-6:1998/ ISO 8733:1997	<i>Fasteners – Part 17: Pins – Section 6: Parallel pins with internal thread, of unhardened steel and austenitic stainless steel. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 1700-17-8:1998/ ISO 8735:1997	<i>Fasteners – Part 17: Pins – Section 8: Parallel pins with internal thread, of hardened steel and martensitic stainless steel. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 1700-17-9:1996/ ISO 8736:1986	<i>Fasteners – Part 17: Pins – Section 9: Taper pins with internal thread, unhardened. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 1700-17-11:1998/ ISO 8739:1997	<i>Fasteners – Part 17: Pins – Section 11: Grooved pins – Full-length parallel grooved, with pilot. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with m technical changes.</i>
SANS 1700-17-12:1998/ ISO 8740:1997	<i>Fasteners – Part 17: Pins – Section 12: Grooved pins – Full-length parallel grooved, with chamfer. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>

Standard No. and year	Title, scope and purport
SANS 1700-17-13:1998/ ISO 8741:1997	Fasteners – Part 17: Pins – Section 13: Grooved pins – Half-length reverse-taper grooved. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-17-14:1998/ ISO 8742:1997	Fasteners – Part 17: Pins – Section 14: Grooved pins – One-third-length centre grooved. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-17-23:1998/ ISO 8752:1997	Fasteners – Part 17: Pins – Section 23: Spring-type straight pins – Slotted, heavy duty. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1718-2:2005 (SABS 1718-2:2002)	Gaming equipment – Part 2: Limited payout gaming equipment. Sets out the requirements for single seat gaming equipment to be used in limited payout jurisdictions. This equipment is to be placed in venues that hold site license types. The National Gambling Act, 1996 (Act No. 33 of 1996) requires that this equipment be attached to a central electronic monitoring system (CEMS), and therefore the requirements of SABS 1718-9 are also applicable.
SANS 1718-9:2005 (SABS 1718-9:2002)	Gaming equipment – Part 9: Central monitoring system for limited payout machines. Specifies the general hardware and software requirements and the list of significant events required by the South African Provincial Licensing Authority (LA) for a central electronic monitoring system for limited payout machines (LPMs).
SANS 1833:1977 ISO 1833:1977	Textiles – Binary fibre mixtures – Quantitative chemical analysis. ISO amendment No. 1. Amended to replace reagents described in the clause formic acid/zinc chloride reagent, to change the temperature of the heating apparatus described in the clause heating apparatus, to modify the procedure described in test procedures for certain types of modal fibres which are difficult to dissolve and to change the value of d for cotton in calculation and expression of results.
SANS 1874:2005 (Ed 1.1)	Metal-enclosed ring main units for rated a.c. voltages above 1 kV and up to and including 24 kV. Consolidated edition incorporating amendment No. 1. Amended to update referenced standards and to make an editorial change in annex A.
SANS 1929:2005 (Ed 1.1)	Ambient air quality – Limits for common pollutants. Consolidated edition incorporating amendment No. 1. Amended to correct the "action residential level" in table 11.
SANS 2200:2005/ CISPR 202:2002	Sound and television broadcast receivers and associated equipment – Immunity characteristics – Limits and methods of measurement. CISPR amendment No. 1. Amended to add nonnarrative Annex I 'Broadcast receivers for digital signals' and informative Annex J 'Specification of the wanted signal'.
SANS 2220-2-1:2005 (Ed 1.1)	Electrical security systems – Part 2-1: Access control systems: General characteristics. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards, to update the introductory paragraph in the normative reference clause, and to update referenced standards and an act.
SANS 5044:2005 (SABS SM 44:1975)	flow characteristics the test panel to observe particular characteristics.
SANS 5123:2005 (SABS SM 123:1975)	Paints and varnishes – Apparent water absorption of paint films. Specifies a method for determining the absorption of water by a film of paint or related product when the film is immersed in the water. Gives an indication of the water absorption characteristics of painted articles when they are stored under conditions of prolonged condensation. It is not intended to reproduce any particular condition of condensation.
SANS 5201:2005 (Ed. 3.1)	Water – Cadmium content. Consolidated edition incorporating amendment No. 1. 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 5209:2005 (Ed 3.1)	Water – Manganese content. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards and to update referenced standards.
SANS 5214:2005 (Ed 3.1)	Water – Zinc content. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards and to update referenced standards.
SANS 5217:2005 (Ed. 3.1)	Water – Free and saline ammonia content. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards and to update referenced standard.
SANS 5220:2005 (Ed. 2.1)	Water – Oxygen absorption. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards, to update referenced standards and to correct the concentration of the potassium permanganate solution.
SANS 5237:2005 (SABS SM 237:1970)	Chlorine retention of fabrics; reduction in breaking strength method. Specifies a method for the determination of the chlorine retention of fabrics, using the reduction in breaking strength method.
SANS 5313:2005 (SABS SM 313:1972)	Mass per 100 m of textile shoe laces. Specifies a method for the determination of the mass per 100 m of textile shoe laces.
SANS 5771:2005 (SABS SM 771:1978)	Preparation of steel substrates before the application of paints and related products – Test for the assessment of cleanliness of blast-cleaned steel surfaces – Detection of residual millscale. 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 residual millscale.
SANS 6016:2005 (Ed 1.1)	Transverse tensile (internal bond) strength of wood-based panels. Consolidated edition incorporating amendment No. 1. Amended to change the title, to change the designation of SABS standards to SANS standards, and to update referenced standards.

Standard No. and year	Title, scope and <i>purport</i>
SANS 6018:2005 (Ed. 1.1)	<i>Screw-holding strength of wood-based panels. Consolidated edition incorporating amendment No. 1. Amended to change the title, to change the designation of SABS standards to SANS standards and to update normative references.</i>
SANS 6030:2005 (Ed. 1.1)	<i>Gap-joint test pieces for testing wood adhesives. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 6031:2005 (Ed. 1.1)	<i>Standard laminated wood unit for testing wood adhesives. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 6035:2005 (Ed. 1.1)	<i>Apparent dynamic viscosity of wood adhesives. Consolidated edition incorporating amendment No. 1. Amended to change the designation from SABS to SANS, with no technical changes.</i>
SANS 6038:2005 (Ed. 1.1)	<i>Ash content of wood adhesives. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 6039:2005 (Ed. 1.1)	<i>Amylaceous and proteinaceous matter detection in wood adhesives. Consolidated edition incorporating amendment No. 1. Amended to change the designation from SABS to SANS, with no technical changes.</i>
SANS 6040:2005 (Ed. 1.1)	<i>Pot life of reactive liquid wood adhesives. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 6042:2005 (Ed. 1.1)	<i>Resistance of aqueous wood adhesive dispersions to freezing and thawing. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 6048:2005 (Ed. 2.1)	<i>Water – Chemical oxygen demand. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards and to update referenced standards.</i>
SANS 6169:2005 (Ed. 1.1)	<i>Water – Aluminium content. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards and to update referenced standards.</i>
SANS 6170:2005 (Ed. 1.1)	<i>Water – Cobalt content. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards and to update referenced standards.</i>
SANS 6269:2005 (Ed. 1.1)	<i>Welding of thermoplastics – Test methods for welded joints. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 7932:2005/ ISO 7932:2004 (SABS ISO 7932:1993)	<i>Microbiology of food and animal feeding stuffs – Horizontal method for the enumeration of presumptive <i>Bacillus cereus</i> – Colony-count technique at 30 °C. Specifies a horizontal method for the enumeration of viable presumptive <i>Bacillus cereus</i> by means of the colony-count technique at 30 °C.</i>
SANS 10043:2005 (SABS 043:1973)	<i>The installation of wood and laminate flooring. Covers the general principles of the installation of solid wood as well as floating wood flooring.</i>
SANS 10314-1:2005 (Ed. 1.1)	<i>Vertical lift elevating work platforms – Operation and maintenance – Part 1: Mobile manually propelled elevating aerial platforms. Consolidated edition incorporating amendment No. 1. Amended to update referenced standards.</i>
SANS 14001:2005/ ISO 14001:2004 (SABS ISO 14001:1996)	<p><i>Environmental management systems – Requirements with guidance for use. Specifies requirements for an environmental management system to enable an organization to develop and implement a policy and objectives which take into account legal requirements and other requirements to which the organization subscribes, and information about significant environmental aspects. It applies to environmental aspects that the organization identifies as those which it can control and those which it can influence.</i></p> <p style="text-align: right;">Environmental management</p> <p>organization.</p> <p>All the requirements in SANS 14001:2005 are intended to be incorporated into any environmental management system. The extent of the application will depend on factors such as the environmental policy of the organization, the nature of its activities, products and services and the location where and the conditions in which it functions.</p>
SANS 14004:2005/ ISO 14004:2004 (SABS ISO 14004:1996)	<i>Environmental management systems – General guidelines on principles, systems and support techniques. Provides guidance on the establishment, implementation, maintenance and improvement of an environmental management system and its coordination with other management systems. The guidelines in SANS 14004:2005 are applicable to any organization, regardless of its size, type, location or level of maturity, while the guidelines in SANS 14001:2005 are consistent with the SANS 14001:2005 environmental management system model, they are not intended to provide interpretations of the requirements of SANS 14001:2005.</i>

Standard No. and year	Title, scope and purport
SANS 20040:2005/ ECE R40:1979	<i>Uniform provisions concerning the approval of motorcycles equipped with a positive-ignition engine with regard to the emission of gaseous pollutants by the engine.</i> <i>ECE amendment No. 1. Amended to require the approval number to cater for this amendment and change the values of emission limits.</i> <i>ECE corrigendum No. 1. Correct 3.5 of annex 5 to read "concentrations measures ($C_{CO} + C_{CO2}$) is at least 10."</i> <i>ECE corrigendum No. 2. Amended to replace the following in 4.1 of annex 4: "- Roller diameter: > 400 mm" with "- Roller diameter: greater or equal to 400 mm", and "$KV^3 \pm 5\%$ of $KV^3 \pm 5\%$ of $P_{V_{90}}$" with "$KV^3 \pm 5\%$ of $KV^3 \pm 5\%$ of $P_{V_{90}}$".</i> <i>ECE corrigendum No. 3. Update the content of 2.3 Use of the gearbox, in annex 4; replace the reference to "manufacturer's instructions" with reference to "2.3" in the table under 2.3; in 4.1 of annex 4, replace "$P_{V_{90}}$" with $P_{V_{90}}$; and in 3.5 of annex 5, clarify the concentrations measures as "the total of concentrations measures".</i> <i>ECE corrigendum No. 4. Amended to delete the words "and unburnt hydrocarbons" in annex 5, paragraph 2.2.</i>
SANS 51714:2005/ EN 1714:1997	<i>Non-destructive testing of welds – Ultrasonic testing of welded joints. EN amendment No. 1. Amended to replace the term "examination" with "testing" throughout the standard, to update the referenced standards, to delete reference to agreements between contracting parties, to add and modify the keys to the figures in annex A, to replace the tables in annex A, and to add an annex on the provisions of EU Directives. EN amendment No. 2. Amended to modify the foreword and to delete annex ZA.</i>
SANS 60034-14:2005/ IEC 60034-14:2003 (SABS IEC 60034-14:1996)	<i>Rotating electrical machines – Part 14: Mechanical vibration of certain machines with shaft heights 56 mm and higher – Measurement, evaluation and limits of vibration severity. Specifies the factory acceptance vibration test procedures and vibration limits for certain electrical machines under specified conditions, when uncoupled from any load or prime mover. Is applicable to d.c. and three-phase a.c. machines, with shaft heights 56 mm and higher and a rated output up to 50 MW, at operational speeds up to 15 000 per minute.</i>
SANS 60086-2:2001/ IEC 60086-2:2001 (Ed. 4.1)	<i>Primary batteries – Physical and electrical specifications. IEC amendment No. 2. Amended to change footnote "a" in the tables, and to replace data sheets with new sheets.</i>
SANS 60269-2-1:2005/ IEC 60269-2-1:2004 (SABS IEC 60269-2-1:1998)	<i>Low-voltage fuses – Part 2-1: Supplementary requirements for fuses for use by authorized persons (fuses mainly for industrial application) – Section I to VI: Examples of types of standardized fuses. Applies to fuses with fuse-links having blade contacts intended to be replaced by means of a device, for example replacement handle, fuses with striker fuse-links with blade contacts, fuses with fuse-links for bolted connections, fuses with fuse-links having cylindrical contact caps, fuses with fuse-links with offset made contacts, and fuses with fuse-links having "gD" and "gN" characteristics.</i>
SANS 60335-1:2005/ IEC 60335-1:2004 (Ed. 2.1)	<i>Household and similar electrical appliances – Safety – Part 1: General requirements. Consolidated edition incorporating IEC amendment No. 1. Amended to add symbols for equipotentiality and dangerous voltage, instruction requirements for built-in appliances, heating and fixed appliances, and requirements for appliances incorporating a protective electronic circuit. Also, to add annexes covering appliances used in warm damp equable climates, and the evaluation of electronic circuits and software, to change test voltages for electric strength and transient overvoltages tests, minimum clearances for basic insulation, the test for thermal motor protectors and proof tracking tests.</i>
SANS 60335-2-30:2005/ IEC 60335-2-30:2004 (Ed. 3.1)	<i>Household and similar electrical appliances – Safety – Part 2-30: Particular requirements for room heaters. Consolidated edition incorporating IEC amendment No. 1. Amended to add a normative reference and an additional marking requirement, and to change the test for abnormal operation.</i>
SANS 60400:2005/ IEC 60400:2004 (Ed. 3.2)	<i>Lamp holders for tubular fluorescent lamps and starter holders. Consolidated edition incorporating IEC amendment No. 2. Amended to add a new definition, figures 40 and 41, to change table 3a and the titles of figures 28 and 37, to replace figure 39, and to update the table in annex A.</i>
SANS 60439-4:2005/ IEC 60439-4:2004 (SABS IEC 60439-4:1990)	<i>Low-voltage switchgear and controlgear assemblies – Part 4: Particular requirements for assemblies for construction sites (ACS). Applies to type-tested assemblies (TTA) intended for use on construction sites, i.e. temporary places of work to which the public do not generally have access and where building construction, installation, repairs, alteration or demolition of property (buildings) or civil engineering (public works) or excavation or any other similar operations are carried out. These assemblies may be transportable (semi-fixed) or mobile.</i>
SANS 60927:2005/ IEC 60927:2004 (Ed. 2.2)	<i>Auxiliaries for lamp – Starting devices (other than glow starters) – Performance requirements. Consolidated edition incorporating IEC amendment No. 2. Amended to add a note to the scope and a bibliography.</i>
SANS 60947-1:2005/ IEC 60947-1:2004 (SABS IEC 60947-1:2003)	<i>Low-voltage switchgear and controlgear – Part 1: General rules. Applies, when required by the relevant product standard, to switchgear and controlgear hereinafter referred to as "equipment" and intended to be connected to circuits, the rated voltage of which does not exceed 1 000 V a.c. or 1 500 V d.c.</i>
SANS 60947-5-1:2005/ IEC 60947-5-1:2003 (SABS IEC 60947-5-1:1997)	<i>Low-voltage switchgear and controlgear – Part 5-1: Control circuit devices and switching elements – Electromechanical control circuit devices. Applies to control circuit devices and switching elements intended for controlling, signalling, interlocking, etc. of switchgear and controlgear. It also applies to circuit devices having a rated voltage not exceeding 1 000 V a.c. (at a frequency not exceeding 1 000 Hz) or 600 V d.c.</i>
SANS 61184:1997/ IEC 61184:1997	<i>Bayonet lamp holders. IEC amendment No. 2. Amended to change the scope, to replace normative references, to add new definitions and marking requirements, to change requirements for moisture resistance, insulation resistance and electric strength, creepage distances and clearances, resistance to heat, fire and tracking.</i>
SANS 61347-2-3:2005/ IEC 61347-2-3:2004 (Ed. 1.1)	<i>Lamp controlgear – Part 2-3: Particular requirements for a.c. supplied electronic ballasts for fluorescent lamps. Consolidated edition incorporating IEC amendment No. 1. Amended to change general notes on tests, the meaning of I_a and the title of figure 1, and to add requirements for the behaviour of the ballast at the end of the lamp life.</i>

SCHEDULE 3: CANCELLATION OF STANDARDS

Standard No. and year	Title
SANS 582:1973	Rules for welding gases.
SANS 645:1970	Flexible polyvinyl chloride garden hose.
SANS 764:1972	Rubber garden hose
SANS 1023:1975	Preformed elastomeric compression joint seals
SANS 16324:1996	Batteries – Part 4: Valve regulated type stationary lead-acid cells and batteries
SANS 1701-1-1:1997	Bearings – Part 1: Vocabulary – Section 1: Rolling bearings – Tolerances – Definitions
SANS 1701-2-2:1996	Bearings – Part 2: Rolling bearings – Section 2: Static load ratings
SANS 1701-2-3:1996	Bearings – Part 2: Rolling bearings – Section 3: Thrust bearings – Boundary dimensions, general plan
SANS 1701-2-4:1996	Bearings – Part 2: Rolling bearings – Section 4: Plummer block housings – Boundary dimensions
SANS 1701-2-8:1996	Bearings – Part 2: Rolling bearings – Section 8: Dynamic load ratings and rating life
SANS 1701-2-9:1996	Bearings – Part 2: Rolling bearings – Section 9: Metric tapered roller bearings – Boundary dimensions and series designations
SANS 1701-2-9:1996 Addendum 1:1980	Metric tapered roller bearings – Double row bearings – Boundary dimensions
SANS 1701-2-9:1996 Addendum 2:1980	Metric tapered roller bearings – Flanged cups – Boundary dimensions
SANS 1701-2-11:1996	Bearings – Part 2: Rolling bearings – Section 11 : Radial bearings – Tolerances
SANS 1701-2-16:1996	Bearings – Part 2: Rolling bearings – Section 16: Needle roller bearings – Light and medium series – Dimensions and tolerances
SANS 1701-6-1:1997	Bearings – Part 6: Quality assurance and testing of bearings – Section 1: Heat-treated steels, alloy steels and free-cutting steels – Ball and roller bearing steels
SANS 1701-6-10:1997	Bearings – Part 6: Quality assurance and testing of bearings – Section 10: Rolling bearings – Measuring and gauging principles and methods
SANS 5871:1976	Rebound resilience of vulcanized rubbers (Lüpke Pendulum method).
SANS 10044-6:1985	Welding – Part 6: The fusion welding of aluminium and aluminium alloys: Tests for the approval of welding procedures and production welds.
SANS 10044-7:1985	Welding – Part 7: The fusion welding of aluminium and aluminium alloys: Tests for the approval of welders working to approved welding procedures.
SANS 60079-1A:1975	Electrical apparatus for explosive gas atmospheres – Part 1A: Construction and verification test of flameproof enclosures of electrical apparatus First supplement to SABS IEC 60079-1 Appendix D: Method of test for ascertainment of maximum experimental safe gap
SANS 60896-2:1995	Stationary lead-acid batteries – General requirements and methods of test – Part 2: Valve regulated types.

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, Bloemfontein, PO Box **20265**, Willows, **9320**.