

## DEPARTMENT OF TRADE AND INDUSTRY

No. 1053

3 October 2008

STANDARDS ACT, 1993  
STANDARDS MATTERS

In terms of the Standards Act, 1993 (Act No. 29 of 1993), the Council of the South African Bureau of Standards has acted in regard to standards in the manner set out in the Schedules to this notice.

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

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

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

## SCHEDULE 1: ISSUE OF NEW STANDARDS

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

Standard No. and year	Title, scope and purport
SANS 494-1:2008	<i>Surgical medical devices used for wound closure – Part 1: Sterile sutures and ligatures.</i> Specifies requirements for sterile sutures and ligatures (absorbable and non-absorbable) for use in surgical operations. It does not cover sutures made of stainless steel.
SANS 601:2008	<i>Dynamometer testing for replacement brake lining assemblies and drum brake linings intended for vehicles of category M1, M2 and N1.</i> Specifies a test method for dynamometer testing of replacement brake lining assemblies and drum brake linings intended for vehicles of category M1, M2 and N1.
SANS 729:2008	<i>Live aquaculture abalone.</i> Covers the harvesting, preparation, packing, conveyance and quality of live aquaculture abalone. It also details hygiene requirements for the product and for the packing facility employees.
SANS 738-1:2008/ ISO 5815-1:2003	<i>Water quality – Determination of biochemical oxygen demand after "n" days (BOD<sub>n</sub>) – Part 1: Dilution and seeding method for allylthiourea addition.</i> Specifies a determination of the biochemical oxygen demand of waters by dilution and seeding with suppression of nitrification. Is applicable to all waters having biochemical oxygen demands greater than or equal to 3 mg/L of oxygen (the limit of determination) and not exceeding 6 000 mg/L of oxygen. For biochemical oxygen demands greater than 6 000 mg/L of oxygen, the method is still applicable, but the errors caused by the necessary dilutions can influence the analytical quality of the test method.
SANS 740-2:2008/ ISO 787-2:1981	<i>General methods of test for pigments and extenders – Part 2: Determination of matter volatile at 105 °C.</i> Specifies a general method of test for determining the percentage by mass of matter volatile at a temperature of 105 °C in a sample of pigment or extender. The method is applicable to pigments and extenders that are stable at 105 °C.
SANS 1973-7:2008	<i>Low-voltage switchgear and controlgear ASSEMBLIES – Part 7: Requirements for testing under conditions of arcing due to internal fault.</i> Applies to enclosed low-voltage switchgear and controlgear ASSEMBLIES manufactured in accordance with SANS 60439-1 (published in South Africa as an identical adoption of IEC 60439-1 under the designation SANS 60439-1). Is a technical report; contains a test that is subject to agreement between the manufacturer and the user.
SANS 2859-3:2008/ ISO 2859-3:2005	<i>Sampling procedures for inspection by attributes – Part 3: Skip-lot sampling procedures.</i> Specifies generic skip-lot sampling procedures for acceptance inspection by attributes. Procedures specified are applicable to, but not limited to, inspection of end items, such as complete products or sub-assemblies, components and raw materials, and materials in process.
SANS 2859-4:2008/ ISO 2859-4:2002	<i>Sampling procedures for inspection by attributes – Part 4: Procedures for assessment of declared quality levels.</i> Establishes sampling plans and procedures that can be used to assess whether the quality level of an entity (lot, process, etc.) conforms to a declared value. The sampling plans are applicable, but not limited to inspection of a variety of products such as end items, components and raw materials, operations, materials in process, supplies in storage, maintenance operations, data or records, and administrative procedures.
SANS 2859-5:2008/ ISO 2859-5:2005	<i>Sampling procedures for inspection by attributes – Part 5: System of sequential sampling plans indexed by acceptance quality limit (AQL) for lot-by-lot inspection.</i> Specifies sequential sampling schemes that supplement the ISO 2859-1 (published in South Africa as an identical adoption under the designation SANS 2859-1) acceptance sampling system for inspection by attributes. The sampling schemes defined are applicable, but not limited to the inspection of end items, components and raw materials, operations, materials in process, supplies in storage, maintenance operations, data or records, and administrative procedures. The individual sampling plans are not designed to be applicable outside of the schemes in which they are presented.
SANS 2859-10:2008/ ISO 2859-10:2006	<i>Sampling procedures for inspection by attributes – Part 10: Introduction to the ISO 2859 series of standards for sampling for inspection by attributes.</i> Provides a general introduction to acceptance sampling by attributes and provides a brief summary of the attribute sampling schemes and plans used in ISO 2859-1, ISO 2859-2, ISO 2859-3, ISO 2859-4 and ISO 2859-5, which describe specific types of attribute sampling systems. It also provides guidance on the selection of the appropriate inspection system for use in a particular situation. (ISO 2859-1, ISO 2859-3, ISO 2859-4 and ISO 2859-5 are all published in South Africa as identical adoptions under designations SANS 2859-1, SANS 2859-3, SANS 2859-4 and SANS 2859-5, respectively.)

Standard No. and year	Title, scope and purport
SANS 3000-2-1:2008	<i>Railway safety management – Part 2-1: Technical requirements for engineering and operational standards – General.</i> Gives the generic technical requirements for engineering and operational systems that form part of a railway safety management system which complies with SANS 3000-1. Applies to existing, modified or prospective railway operations.
SANS 3166-2:2008/ ISO 3166-2:2007	<i>Codes for the representation of names of countries and their subdivisions – Part 2: Country subdivision code.</i> Establishes a universally applicable code for the representation of the names of principal administrative divisions of countries and territories included in ISO 3166-1. It is intended to be used in conjunction with ISO 3166-1 (published in South Africa as an identical adoption under the designation SANS 3166-1). It provides the structure for a code for the representation of names of principal administrative divisions, or similar areas, of the countries and geopolitical entities included in ISO 3166-1. It also contains a list of names of subdivisions of countries and geopolitical entities, together with the code element developed for each one of them.
SANS 3951-1:2008/ ISO 3951-1:2005	<i>Sampling procedures for inspection by variables – Part 1: Specification for single sampling plans indexed by acceptance quality limit (AQL) for lot-by-lot inspection for a single quality characteristic and a single AQL.</i> Specifies an acceptance sampling system of single sampling plans for inspection by variables, in which the acceptability of a lot is implicitly determined from an estimate of the percentage of nonconforming items in the process, based on a random sample of items from the lot.
SANS 3951-2:2008/ ISO 3951-2:2006	<i>Sampling procedures for inspection by variables – Part 2: General specification for single sampling plans indexed by acceptance quality limit (AQL) for lot-by-lot inspection of independent quality characteristics.</i> Specifies an acceptance sampling system of single sampling plans for inspection by variables, indexed in terms of the Acceptance Quality Limit (AQL).
SANS 3951-3:2008/ ISO 3951-3:2007	<i>Sampling procedures for inspection by variables – Part 3: Double sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection.</i> Specifies an acceptance sampling system of double sampling schemes for inspection by variables for percent nonconforming. It is indexed in terms of the Acceptance Quality Limit (AQL). The objectives of the methods laid down are to ensure that lots of acceptable quality have a high probability of acceptance and that the probability of non-accepting inferior lots is as high as practicable.
SANS 3951-5:2008/ ISO 3951-5:2006	<i>Sampling procedures for inspection by variables – Part 5: Sequential sampling plans indexed by acceptance quality limit (AQL) for inspection by variables (known standard deviation).</i> Specifies a system of sequential sampling plans (schemes) for lot-by-lot inspection by variables. The schemes are indexed in terms of a preferred series of Acceptance Quality Limit (AQL) values, ranging from 0,01 to 10, which are defined in terms of percent nonconforming items. The schemes are designed to be applied to a continuing series of lots.
SANS 7870-1:2008/ ISO 7870-1:2007	<i>Control charts – Part 1: General guidelines.</i> Presents key elements and philosophy of the control chart approach, and identifies a wide variety of control charts (including those related to the Shewhart control chart and those stressing process acceptance or on-line process adjustment).
SANS 8502-2:2008/ ISO 8502-2:2005	<i>Preparation of steel substrates before application of paint and related products – Tests for the assessment of surface cleanliness – Part 2: Laboratory determination of chloride on cleaned surfaces.</i> Describes a method for the determination of chloride-containing salts that are readily soluble in water and are present on a steel surface. The method is also applicable to previously coated surfaces. It will normally be used in a laboratory using washings sampled from surfaces on site.
SANS 8502-5:2008/ ISO 8502-5:1998	<i>Preparation of steel substrates before application of paint and related products – Tests for the assessment of surface cleanliness – Part 5: Measurement of chloride on steel surfaces prepared for painting (ion detection tube method).</i> Describes a field test for the measurement of chloride ions using special detection tubes. With suitable surface sampling techniques, the test is applicable to steel surfaces before and after cleaning, as well as to painted surfaces between applications of coats.
SANS 10001:2008/ ISO 10001:2007	<i>Quality management – Customer satisfaction – Guidelines for codes of conduct for organizations.</i> Provides guidance for planning, designing, developing, implementing, maintaining and improving customer satisfaction codes of conduct. It is applicable to product-related codes containing promises made to customers by an organization concerning its behaviour.
SANS 11135-1:2008/ ISO 11135-1:2007	<i>Sterilization of health care products – Ethylene oxide – Part 1: Requirements for development, validation and routine control of a sterilization process for medical devices.</i> Specifies requirements for the development, validation and routine control of an ethylene oxide sterilization process for medical devices. It does not: - detail a specified requirement for designating a medical device as sterile; - specify a quality management system for the control of all stages of production of medical devices; - specify requirements for occupational safety associated with the design and operation of ethylene oxide sterilization facilities; - sterilization by injecting ethylene oxide or mixtures containing ethylene oxide directly into individual product packages, or continuous sterilization processes; and - cover analytical methods for determining levels of residual ethylene oxide or its reaction products (or both).
SANS 11994:2008/ ISO 11994:1997	<i>Cranes – Limiting and indicating devices – Part 1: General.</i> Specifies general requirements for limiting and indicating devices for lifting appliances that are applicable to loads and motions, performance and environment.
SANS 12482-1:2008/ ISO 12482-1:1995	<i>Cranes – Condition monitoring – Part 1: General.</i> Ensures that the design constraints of the intended use of a crane are clearly identified. Defines actions to be taken when the crane has been used over a period of time and has approached these constraints, to ensure a new safe working period.
SANS 13302:2008/ ISO 13302:2003	<i>Sensory analysis – Methods for assessing modifications to the flavour of foodstuffs due to packaging.</i> Describes methods for assessing the changes caused by packaging to the sensory attributes of foodstuffs or their simulants.
SANS 15513:2008/ ISO 15513:2000	<i>Cranes – Competency requirements for crane drivers (operators), slingers, signallers and assessors.</i> Gives competency requirements applicable for the selection, training, assessment and verification of crane drivers (operators), slingers, signallers and their assessors. Does not cover additional competency requirements needed for special operations, e.g. man-lifting, pile-driving or pile-pulling.
SANS 15696:2008/ ISO/TS 15696:2000	<i>Cranes – List of equivalent terms.</i> Establishes a list of equivalent terms in English, French and Russian of the most commonly used terms in the field of cranes as defined or listed in international standards developed by ISO/TC 96. Contains terms concerning the main types of crane, parameters, general concepts and component parts.

Standard No. and year	Title, scope and purport
SANS 16063-13:2008/ ISO 16063-13:2001	<i>Methods for the calibration of vibration and shock transducers – Part 13: Primary shock calibration using laser interferometry.</i> Specifies the instrumentation and procedure to be used for primary shock calibration of rectilinear accelerometers, using laser interferometry to sense the time-dependent displacement during the shock. The method is applicable in a shock pulse duration range 0,05 ms to 10 ms and a range of peak values of 100 m/sec squared to 100 km/sec squared (pulse-duration dependent). The method allows the shock sensitivity to be obtained.
SANS 16063-22:2008/ ISO 16063-22:2005	<i>Methods for the calibration of vibration and shock transducers – Part 22: Shock calibration by comparison to a reference transducer.</i> Specifies the instrumentation and procedures to be used for secondary shock calibration of rectilinear transducers, using a reference acceleration, velocity or force measurement for the time-dependent shock. The methods are applicable in a shock pulse duration range of 0,05 ms to 8,0 ms, and a dynamic range (peak value) of 100 m/s squared to 100 km/s squared (time-dependent). The methods allow the transducer shock sensitivity (i.e. the relationship between the peak values of the transducer output quantity and the acceleration) to be obtained.
SANS 21747:2008/ ISO 21747:2006	<i>Statistical methods – Process performance and capability statistics for measured quality characteristics.</i> Describes a procedure for the determination of statistics in order to estimate the quality capability of product and process characteristics.
SANS 22514-4:2008/ ISO/TR 22514-4:2007	<i>Statistical methods in process management – Capability and performance – Part 4: Process capability estimates and performance measures.</i> Describes process capability and performance measures that are commonly used.
SANS 26300:2008/ ISO/IEC 26300:2006	<i>Information technology – Open Document Format for Office Applications (OpenDocument) v1.0.</i> Defines an XML schema for office applications and its semantics. The schema is suitable for office documents, including text documents, spreadsheets, charts and graphical documents like drawings or presentations, but is not restricted to these kinds of documents. Defines suitable XML structures for office documents and is friendly to transformations using XSLT or similar XML-based tools.
SANS 50878:2008/ EN 878:2004	<i>Chemicals used for treatment of water intended for human consumption – Sodium aluminate.</i> Applicable to sodium aluminate used for treatment of water intended for human consumption. Describes the characteristics and specifies the requirements for sodium aluminate and refers to the corresponding analytical methods. Gives information for its use in water treatment. It also determines the rules relating to safe handling and use of sodium aluminate.
SANS 50882:2008/ EN 882:2004	<i>Chemicals used for treatment of water intended for human consumption – Sodium aluminate.</i> Applicable to sodium aluminate used for treatment of water intended for human consumption. Describes the characteristics and specifies the requirements for sodium aluminate and refers to the corresponding analytical methods. Gives information for its use in water treatment. It also determines the rules relating to safe handling and use of sodium aluminate.
SANS 50887:2008/ EN 887:2004	<i>Chemicals used for treatment of water intended for human consumption – Aluminium iron (III) sulfate.</i> Applicable to aluminium iron (III) sulfate used for treatment of water intended for human consumption. Describes the characteristics and specifies the requirements for aluminium iron (III) sulfate and refers to the corresponding analytical methods. Gives information on its use in water treatment. It also determines the rules relating to safe handling and use of aluminium iron (III) sulfate.
SANS 50888:2008/ EN 888:2004	<i>Chemicals used for treatment of water intended for human consumption – Iron (III) chloride.</i> Applicable to iron (III) chloride (a), iron (III) chloride hexahydrate (b), iron (III) chloride solution (c) used for treatment of water intended for human consumption. Describes the characteristics and specifies the requirements and the corresponding analytical methods for iron (III) chlorides (a), (b) and (c) and gives information for their use in water treatment.
SANS 50889:2008/ EN 889:2004	<i>Chemicals used for treatment of water intended for human consumption – Iron (II) sulfate.</i> Applicable to iron (II) sulfate heptahydrate used for treatment of water intended for human consumption. Describes the characteristics of iron (II) sulfate heptahydrate and specifies the requirements and the corresponding analytical methods for iron (II) sulfate heptahydrate and gives information on its use in water treatment.
SANS 50890:2008/ EN 890:2004	<i>Chemicals used for treatment of water intended for human consumption – Iron (III) sulfate liquid.</i> Applicable to iron (III) sulfate liquid of various iron and/or acid contents used for treatment of water intended for human consumption. Describes the characteristics of iron (III) sulfate liquid and specifies the requirements and the corresponding analytical methods for iron (III) sulfate liquid and gives information on its use in water treatment. It also determines the rules relating to safe handling and use of iron (III) sulfate liquid.
SANS 50899:2008/ EN 899:2003	<i>Chemicals used for treatment of water intended for human consumption – Sulfuric acid.</i> Applicable to sulfuric acid used for treatment of water intended for human consumption. Describes the characteristics of sulfuric acid and specifies the requirements and the corresponding test methods for sulfuric acid. It also gives information on its use in water treatment.
SANS 50935:2008/ EN 935:2004	<i>Chemicals used for treatment of water intended for human consumption – Aluminium iron (III) chloride (monomeric) and aluminium iron (III) chloride hydroxide (monomeric).</i> Applicable to aluminium iron (III) chloride (monomeric) and aluminium iron (III) chloride hydroxide (monomeric) used for treatment of water intended for human consumption. Describes the characteristics and specifies the requirements for aluminium iron (III) chloride (monomeric) and aluminium iron (III) chloride hydroxide (monomeric) and refers to the corresponding test methods. Gives information on their use in water treatment. It also determines the rules relating to safe handling and use of aluminium iron (III) chloride (monomeric) and aluminium iron (III) chloride hydroxide (monomeric).
SANS 50936:2008/ EN 936:2006	<i>Chemicals used for treatment of water intended for human consumption – Carbon dioxide.</i> Applicable to carbon dioxide used for treatment of water intended for human consumption. Describes the characteristics of carbon dioxide and specifies the requirements and the corresponding analytical methods for carbon dioxide. It also gives information on its use in water treatment.
SANS 51278:2008/ EN 1278:1998	<i>Chemicals used for treatment of water intended for human consumption – Ozone.</i> Applicable to ozone used for treatment of water intended for human consumption. Describes the characteristics of ozone and specifies the requirements and the corresponding test methods for ozone. It also gives information on its use in water treatment.

Standard No. and year	Title, scope and purport
SANS 52876:2008/ EN 12876:2000	<i>Chemicals used for treatment of water intended for human consumption – Oxygen.</i> Applicable to oxygen used for treatment of water intended for human consumption. Describes the characteristics of oxygen and specifies the requirements and the corresponding test methods for oxygen. It also gives information on its use in water treatment.
SANS 52896:2008/ EN 12896:2006	<i>Road transport and traffic telematics – Public transport – Reference data model.</i> Provides a reference data model for public transport to public transport companies and other providers of services related to the process of passenger transportation and information in the widest sense. Supports the development of software applications, their interaction or combination in an integrated information system, and the system's organisation and information management which rules the utilisation of the existing telematics environment in a company (or group of companies) running computer applications supporting the different functional areas of public transport.
SANS 53149-6:2008/ CEN/TS 13149-6:2005	<i>Public transport – Road vehicle scheduling and control systems – Part 6: CAN message content.</i> Specifies the choice and general application's rule of an onboard data transmission bus between the different equipment for service operations and monitoring of the fleet. Applies to equipment installed onboard buses, trolley-buses and tramways only as part of a bus fleet operation which includes operation aid systems, automatic passenger information systems, fare collection systems, etc. Covers the link between equipment inside a single vehicle.
SANS 53998:2008/ ENV 13998:2001	<i>Road transport and traffic telematics – Public transport – Non-interactive dynamic passenger information on ground.</i> Defines the visual non-interactive dynamic man machine interface between a Vehicle Scheduling and Control System, usually including an Automatic Vehicle Monitoring (AVM) system, and the passenger at a stop point or other location. Covers information content, presentation and location. Does not cover interactive information devices or audio information presentation and does not specify display technology.
SANS 60034-2-1:2008/ IEC 60034-2-1:2007	<i>Rotating electrical machines – Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles).</i> Establishes methods of determining efficiencies from tests, and also specifies methods of obtaining losses.
SANS 62271-1:2008/ IEC 62271-1:2007	<i>High-voltage switchgear and controlgear – Part 1: Common specifications.</i> Applies to a.c. switchgear and controlgear designed for indoor and outdoor installation and for operation at service frequencies up to and including 60 Hz on systems having voltages above 1 000 V.
SANS 62271-205:2008/ IEC 62271-205:2008	<i>High-voltage switchgear and controlgear Part 205: Compact switchgear assemblies for rated voltages above 52 kV.</i> Applies to compact switchgear assemblies consisting of at least one switching device directly connected to, or sharing components with, one or more other devices such that there is an interaction between the functions of the individual devices. The assemblies may contain components of air insulated switchgear (AIS) only or a combination of AIS and gas insulated switchgear (GIS), and may be delivered entirely prefabricated or partially assembled.

## 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 38:2008 (Ed. 3.3)	<i>Metallic naphthenates for timber preservation. Consolidated edition incorporating amendment No. 3.</i> Amended to change the designation from SABS to SANS, and to move reference to legislation to the foreword.
SANS 48:2008 (Ed. 2.2)	<i>Refractory bricks. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 58:2008 (Ed. 2.1)	<i>Coiled wire for automatic baling machines. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable" and to update a referenced standard.
SANS 63:2008 (Ed. 5.2)	<i>Blankets. Consolidated edition incorporating amendment No. 2.</i> Amended to update the test methods for mothproofing.
SANS 92:2008 (Ed. 5.1)	<i>Bituminous roofing felt. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to remove reference to the standardization mark.
SANS 105-F06:2000/ ISO 105-F06:2000	<i>Textiles – Tests for colour fastness – Part F06: Specification for silk adjacent fabric. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 216-1-4:2008/ CISPR 16-1-4:2008 (Ed. 2.1)	<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 delete the use of a balanced dipole antenna as a physical reference for radiated emission measurements in the frequency range between 30 MHz and 300 MHz, and replace it by the requirement that in this frequency range the quantity to be measured is the electric field strength that can be determined using different types of antennas, provided that the antenna factor and the associated uncertainty are known.
SANS 235:2008 (SABS 235:2001)	<i>General purpose pure soap.</i> Specifies requirements for soap for general cleaning, for dish washing and laundry use, and for personal hygiene.

Standard No. and year	Title, scope and purport
SANS 236:2008 (SABS 236:1972)	<i>Filled bar soap.</i> Covers filled bar soap for general cleaning, but not for personal hygiene.
SANS 237:2008 (SABS 237:2000)	<i>Toilet soap.</i> Specifies requirements for toilet soap for personal hygiene but not speciality soaps such as transparent soap, medicated soap and seawater soap.
SANS 238:2008 (SABS 238:1972)	<i>Liquid toilet soap.</i> Specifies the requirements of liquid toilet soap, for personal hygiene and that is suitable for use in liquid toilet soap dispensers.
SANS 240:2008 (SABS 1056-1:1984)	<i>Carbolic soap.</i> Specifies the requirements for carbolic soap for personal hygiene.
SANS 269:2008 (Ed. 2.2)	<i>Wooden handles for forks, shovels, and spades. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, and to update referenced standards.
SANS 304:2008 (Ed. 3.1)	<i>Linen threads for footwear. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 321:2008 (SABS 321:1978)	<i>The production of men's boots (Goodyear welted, with stitched or stuck-on outer soles).</i> Covers the requirements for the materials, components, construction and performance of four types of men's boots made according to the Goodyear welted principle.
SANS 346:2008 (Ed. 5.1)	<i>Woven worsted fabrics. Consolidated edition incorporating amendment No. 1.</i> Amended to update the test methods for mothproofing.
SANS 407:2008 (Ed. 3.2)	<i>Austenitic manganese steel castings. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards and to update the definition of "acceptable" and the referenced standards.
SANS 433:2008 (SABS 433:1953)	<i>Barrier creams.</i> Specifies requirements for barrier creams suitable for protection of the skin against acids, alkalis, oils, and solvents.
SANS 457-2:2008 (Ed. 6.2)	<i>Wooden poles, droppers, guardrail posts and spacer blocks – Part 2: Softwood species. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to update the definitions of "acceptable" and "approved", to remove reference to the certification mark, and to update referenced standards.
SANS 459:2008 (Ed. 1.5)	<i>Lime for chemical and metallurgical purposes. Consolidated edition incorporating amendment No. 5.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 573:2008 (Ed. 2.1)	<i>Wooden handles for axes. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, and to update referenced standards.
SANS 588:2008 (SABS 588:1987)	<i>Woollen overcoating.</i> Specifies requirements for four types of woollen fabric suitable for use in the manufacture of overcoats.
SANS 650:2008 (SABS 650:2000)	<i>Laundry detergent (for use in non-automatic domestic washing machines).</i> Specifies the characteristics of one type of laundry detergent intended for the washing (by hand and in non-automatic domestic washing machines) in either hard or soft water of textiles made of cotton or of cotton-and-synthetic fibre yarns.
SANS 672:2008 (Ed. 2.1)	<i>Wooden handles for hatchets. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, and to delete a withdrawn standard.
SANS 733:2008 (Ed. 2.1)	<i>Boxboard (Metric units). Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 742:2004/ ISO 3:1973	<i>Preferred numbers - Series of preferred numbers. National amendment No. 1.</i> Amended to change the number from SANS 10003 to SANS 742.
SANS 939:2008 (Ed. 1.4)	<i>Polished twines. Consolidated edition incorporating amendment No. 3.</i> Amended to change the designation of SABS standards to SANS standards, and to remove reference to the standardization mark.
SANS 985:2008 (Ed. 3.3)	<i>Polyester-and-wool uniform fabrics. Consolidated edition incorporating amendment No. 3.</i> Amended to update the test methods for mothproofing.
SANS 996:2008 (Ed. 3.1)	<i>Car radio receivers. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation from SABS to SANS, to update the definition of "acceptable", to change the language requirements with regard to the manual and identification marking, to move references to legislation to the foreword, to update the Regulator, and to update referenced standards.
SANS 1056-1:2008 (Ed. 1.3)	<i>Ballvalves – Part 1: Fire-safe valves. Consolidated edition incorporating amendment No. 3.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable" and the referenced standards, and to delete reference to the standardization mark.
SANS 1128-2:2008 (SABS 1128-2:1977)	<i>Firefighting equipment – Part 2: Hose couplings, connectors and branch pipe and nozzle connections.</i> Covers fire hose delivery couplings to fit hose of nominal diameter 45 mm, 65 mm, 70 mm and 100 mm; suction couplings to fit hose of nominal diameter 80 mm, 90 mm, 100 mm, 115 mm, 125 mm, 140 mm, and 150 mm; connectors; and branch pipe and nozzle connections for delivery hose.
SANS 1133:2008/ ISO 113:2005	<i>Plastics – Determination of the melt mass-flow rate (MFR) and the melt volume-flow rate (MVR) of thermoplastics.</i> Specifies two procedures for the determination of the melt mass-flow rate (MFR) and the melt volume-flow rate (MVR) of thermoplastic materials.

Standard No. and year	Title, scope and purport
SANS 1215:2008 (Ed. 1.4)	<i>Concrete masonry units. Consolidated edition incorporating amendment No. 4.</i> Amended to change the designation of SABS standards to SANS standards and to update the definition of "acceptable", update referenced standards and remove reference to the standardization mark.
SANS 1261-1:2008 (Ed. 2.1)	<i>Performance requirements for retail textiles – Part 1: Household piece-goods and articles. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 1283:2008 (Ed. 1.4)	<i>Modified poly(vinyl chloride) (PVC-M) pressure pipe and couplings for cold water services in underground mining. Consolidated edition incorporating amendment No. 4.</i> Amended to change the designation of SABS standards to SANS standards and to update referenced standards.
SANS 1338:2008 (Ed. 1.1)	<i>Abrasion-resisting white cast irons. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable" and to update referenced standards.
SANS 1360-5:2008 (Ed. 1.2)	<i>Size designation of clothes – Part 5: Headwear. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, with no technical changes.
SANS 1360-6:2008 (Ed. 1.1)	<i>Size designation of clothes Part 6: Men's and boys' underwear, nightwear and shirts. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, with no technical changes.
SANS 1362:2008 (Ed. 2.8)	<i>Sewing threads. Consolidated edition incorporating amendment No. 7.</i> Amended to replace superseded references and to change the requirement for the direction of the final twist in the case of crimp texture sewing threads.
SANS 1383:2008 (Ed. 1.1)	<i>Rigid urethane and isocyanurate foams for use in thermal insulation. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable", to update referenced standards, to move reference to national legislation to the foreword, to change the requirements for apparatus in the ATR infra-red spectroscopy method, and to delete reference to the standardization mark.
SANS 1402-1:2008 (Ed. 1.2)	<i>Acrylic sanitary ware – Part 1: Baths. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable", to update the referenced standards and to delete reference to the standardization mark and the official languages of South Africa.
SANS 1423-1:2008 (Ed. 1.1)	<i>Performance requirements for textile fabrics of low flammability – Part 1: Apparel fabrics. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, with no technical changes.
SANS 1442:2008 (Ed. 1.3)	<i>Roadstuds. Consolidated edition incorporating amendment No. 3.</i> Amended to change the designation from SABS to SANS, to update the definition for "acceptable", to change certain values in the table on CIL values for roadstuds (table 2), to delete reference to a national research body, and to update referenced standards.
SANS 1445-3:2008 (Ed. 1.1)	<i>Thermal insulation materials for industrial applications – Part 2: Metal-mesh-faced mineral fibre mattresses. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to update a referenced standard.
SANS 1449:2008 (Ed. 2.1)	<i>Ceramic wall and floor tiles. Consolidated edition incorporating amendment no. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable", to remove reference to the certification mark and to update a referenced standard.
SANS 1451-1:2008 (Ed. 1.2)	<i>Hearing protectors Part 1: Ear-muffs. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to change the NOTE in the subclause on seal pressure (3.4.3) to ordinary text, and to update referenced standards.
SANS 1451-2:2008 (Ed. 1.1)	<i>Hearing protectors – Part 2: Ear-plugs. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, and to update referenced standards.
SANS 1470-3:2008 (SABS 12470-3:1997)	<i>Sound power labelling – Part 3: Rotating electrical machinery.</i> Covers the requirements for the labelling of rotating electrical machinery with a noise emission value and specifies the test method to be used for the verification of the labelled value.
SANS 1470-4:2008 (SABS 1470-4:1997)	<i>Sound power labelling – Part 4: Pneumatic equipment.</i> Covers the requirements for the labelling of pneumatic equipment with a noise emission value and specifies the test method to be used for the verification of the labelled value.
SANS 1509:2008 (Ed. 2.1)	<i>Flush valves for WC flushing cisterns. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update a normative reference, to include a definition for "acceptable", to modify the requirements for metallic components in direct contact with water, and to modify the note describing the timing device.
SANS 1585:2008 (Ed. 2.1)	<i>Coated fabrics for shelters and rainwear. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 1618:2008 (Ed. 1.1)	<i>Timber preservative – Insecticidal deltamethrin for interior use. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable", to update referenced standards, to change the requirements for a diluted solution, to include a new test method for storage stability, and to move reference to legislation to the foreword.
SANS 1700-9-1:2008/ ISO 4762:2004	<i>Fasteners – Part 9: Hexagon socket head screws – Section 1: Hexagon socket head cap screws.</i> Specifies the characteristics of hexagon socket head cap screws with threads from M1,6 up to and including M64 and product grade A.

Standard No. and year	Title, scope and purport
SANS 1700-9-3:2008/ ISO 7380:2004 (SABS 1700-9-3:1998)	<i>Fasteners – Part 9: Hexagon socket head screws – Section 3: Hexagon socket button head screws.</i> Specifies the characteristics of hexagon socket button head screws with threads from M3 up to and including M16, with product grade A and property class 12.9.
SANS 1700-9-4:2008/ ISO 10664:2005	<i>Fasteners – Part 9: Hexagon socket head screws – Section 4: Hexagon socket countersunk head screws.</i> Specifies the characteristics of hexagon socket countersunk head screws with threads from M3 up to and including M20, of product grade A and property classes 8.8, 10.9 and 12.9.
SANS 1700-9-4:2008/ ISO 10642:2004	<i>Fasteners – Part 9: Hexagon socket head screws – Section 4: Hexagon socket countersunk head screws.</i> Specifies the characteristics of hexagon socket countersunk head screws with threads from M3 up to and including M20, of product grade A and property classes 8.8, 10.9 and 12.9.
SANS 1700-5-15:2008/ ISO 8992:2005 (SABS 1700-5-15)	<i>Fasteners – Part 5: General requirements and mechanical properties – Section 15: Bolts, screws, studs and nuts.</i> Specifies the general requirements for standardized bolts, screws, studs and nuts. Can also be used for non-standardized fasteners.
SANS 1700-16-1:2003/ ISO 887:2000	<i>Fasteners – Part 16: Washers – Section 1: Plain washers for metric bolts, screws and nuts for general purposes – General plan. ISO corrigendum No. 1.</i> Corrected to modify information in tables 2 and 3.
SANS 1700-19-2:2003/ ISO 14580:2001	<i>Fasteners – Part 19: Hexalobular socket head screws – Section 2: Hexalobular socket cheese head screws. ISO corrigendum No. 1.</i> Corrected to modify information in table 1.
SANS 1700-19-3:2003/ ISO 14583:2001	<i>Fasteners – Part 19: Hexalobular socket head screws – Section 3: Hexalobular socket pan head screws. ISO corrigendum No. 1.</i> Corrected to modify information in table 1.
SANS 1700-19-5:2003/ ISO 14585:2001	<i>Fasteners – Part 19: Hexalobular socket head screws – Section 5: Hexalobular socket pan head tapping screws. ISO corrigendum No. 1.</i> Corrected to modify information in table 1.
SANS 1718-1:2008 (Ed. 2.2)	<i>Gaming equipment – Part 1: Casino equipment. Consolidated edition incorporating amendment No. 2.</i> Amended to change "LA" to "PLA" throughout, to add a note to the scope clause regarding compulsory legislation, delete a normative reference and two definitions, to add definitions of "bill acceptor", "bill validator" and "secure area", to add "advanced funds transfer" as synonym for "electronic funds transfer" and create a separate list of abbreviations; to delete all qualifiers relating to the need for PLA permission, remove references to compliance with compulsory legislation for safety of electric or electronic equipment, to add requirements for fitting a lock if the logic area is not in a secure area, to prevent erroneous win amounts being displayed to the player, for notification of minimum bet amount for participation in linked jackpots, for resolving problem of wins if the link to the jackpot controller becomes inoperable, and for periodic transfer of meter information from a stand-alone jackpot controller to the system; to delete requirements for downloading data to the program memory, reference to the Independent Communications Authority for South Africa. Changed requirements for EFT transaction records, requirements for game statistics held on the MCS, for soft meters and for an audible alarm; to add a test by TL, and exclude commercial software, exclude displays not accessible to player from the date format requirements and communication requirements for stand-alone jackpot or progressive controllers; to amend a requirement for a significant event message to report failure of a validation and to add notes regarding successful validation, meter summation by MCS and to allow other multipliers; to add conditions for the change of hidden jackpot amount if active; to modify the significant event message for reporting failure of internal test and classification of messages; and to add an annex to provide guidance on the recommended time frame for requiring compliance to the amendments based on the relative level of impact on existing GDs.
SANS 1746:2008 (Ed. 1.1)	<i>Timber preservative – Tributyltin naphthenate-permethrin. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable", to update referenced standards, to change a requirement for dilution, to include a new test method for storage stability, and to move reference to national legislation to the foreword.
SANS 1763:2008 (Ed. 1.1)	<i>Decorative melamine-faced boards. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, and to update the referenced standards.
SANS 4524-1: 1985/ ISO 4524-1:1985	<i>Metallic coatings – Test methods for electrodeposited gold and gold alloy coatings – Part 1: Determination of coating thickness. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 5667-1:2008/ ISO 5667-1:2006	<i>Water quality – Sampling – Part 1: Guidance on the design of sampling programmes and sampling techniques.</i> Sets out the general principles for, and provides guidances on, the design of sampling programmes and sampling techniques for all aspects of sampling water (including waste waters, sludges, effluents and bottom deposits).
SANS 5967:2008 (Ed. 2.1)	<i>Retention of preservative in timber (volume method). Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, and to update referenced standards.
SANS 5977:2008 (SABS SM 977:1979)	<i>Penetration of wax (paste) polishes.</i> Specifies a method for the determination of the depth of penetration of penetrometer cones in wax (paste) polishes.
SANS 5981:2008 (SABS SM 979:1979) (SABS SM 981:1993)	<i>Wax polishes – Non-volatile matter content and the ash content of non-volatile matter.</i> Specifies a method for the determination of the non-volatile matter content and the ash content of the non-volatile matter of wax polishes.
SANS 5983:2008 (SABS SM 983:2000)	<i>Preparation of test specimens for moisture content determination in timber and timber products.</i> Specifies a method for the preparation of test specimens for moisture content determination in timber and timber products.
SANS 6081:2008	<i>Cleaning efficiency of low-foam laundry detergents.</i> Specifies a method for the determination of the cleaning efficiency of low-foam laundry detergents.



Standard No. and year	Title, scope and purport
SANS 6082:2008 (SABS SM 1082:2000)	<i>Cleaning efficiency of high-foam laundry detergents.</i> Specifies a method for the determination of the cleaning efficiency of high-foam laundry detergents.
SANS 6291:2008 (SABS 1291:2000)	<i>Partial discharge measurements on power cables.</i> Specifies methods for carrying out the partial discharge test on power cables of complete drum lengths of cable as a routine test during manufacture, and sample lengths as part of a type approval test.
SANS 10079:2008 (Ed. 2.1)	<i>The use, care and protection of grinding wheels. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to update the definition of "acceptable".
SANS 10087-1:2008 (SABS 087-1:2004)	<i>The handling, storage, distribution and maintenance of liquefied petroleum gas in domestic, commercial, and industrial installations – Part 1: Liquefied petroleum gas installations involving gas storage containers of individual water capacity not exceeding 500 L and a combined water capacity not exceeding 3 000 L per installation.</i> Specifies requirements for the materials, the methods of construction and the installation, maintenance, inspection and testing of the various components of the equipment used in liquefied petroleum gas applications for domestic, and commercial installations that involve gas storage containers of individual water capacity not exceeding 500 L and of a combined water capacity not exceeding 3 000 L. Also specifies requirements regarding the installation of appliances, piping, fittings and other components, and covers installations in mobile applications (e.g. caravans, mobile homes and shipping containers). Excludes the storage of containers for retail and exchange purposes.
SANS 10087-3:2008 (SABS 087-3:2004)	<i>The handling, storage, distribution and maintenance of liquefied petroleum gas in domestic, commercial, and industrial installations – Part 3: Liquefied petroleum gas installations involving storage vessels of individual water capacity exceeding 500 L.</i> Covers recommendations for the layout, design and installation of butane, propane and liquefied petroleum gas equipment and of storage vessels of individual water capacity exceeding 500 L.
SANS 10140-1:2008 (Ed. 2.1)	<i>Identification colour marking – Part 1: General. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to update a referenced standard.
SANS 10140-2:2008 (Ed. 2.3)	<i>Identification colour marking – Part 2: Identification of hazards and equipment in work situations. Consolidated edition incorporating amendment No. 3.</i> Amended to change the designation of SABS standards to SANS standards, to move reference to legislation to the foreword and to update a referenced standard.
SANS 10304-1:2008 (Ed. 1.1.)	<i>The classification of pesticides and stock remedies for sale and handling in South Africa – Part 1: The classification of pesticides. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, with no technical changes.
SANS 10370:2008 (Ed. 1.1)	<i>Road vehicles designed or adapted for use by or transporting persons with disabilities. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, and to move reference to national legislation to the foreword.
SANS 10536-1:2000/ ISO/IEC 10536-1:2000	<i>Identification cards – Contactless integrated circuit(s) cards – Close-coupled cards – Part 1: Physical characteristics. National amendment No. 1.</i> Specifies the physical characteristics of contactless integrated circuit(s) cards (CICCs). Applies to identification cards of the ID-1 card type that operate in a slot or on the surface of a coupling device.
SANS 10993-11:2008/ ISO 10993-11:2006	<i>Biological evaluation of medical devices – Part 11: Tests for systemic toxicity.</i> Specifies requirements and gives guidance on procedures to be followed in the evaluation of the potential for medical device materials to cause adverse systemic reactions.
SANS 11885:2008/ ISO 11885:2007 (SABS ISO 11885:1996)	<i>Water quality – Determination of selected elements by inductively coupled plasma optical emission spectrometry (ICP-OES).</i> Specifies a method for the determination of dissolved elements, elements bound to particles ("particulate") and total content of elements in different types of water (e.g. ground, surface, raw, potable and waste water) for the following elements: aluminium, antimony, arsenic, barium, beryllium, bismuth, boron, cadmium, calcium, chromium, cobalt, copper, gallium, indium, iron, lead, lithium, magnesium, manganese, molybdenum, nickel, phosphorus, potassium, selenium, silicon, silver, sodium, strontium, sulfur, tin, titanium, tungsten, vanadium, zinc and zirconium. The method is suitable for mass concentrations of particulate matter in waste water below 2 g/l.
SANS 13818-2:2003/ ISO/IEC 13818-2:2000	<i>Information technology - Generic coding of moving pictures and associated audio information: Video. ISO/IEC amendment No. 2.</i> Amended to include support for colour spaces.
SANS 14713:1999/ ISO 14713:1999	<i>Protection against corrosion of iron and steel in structures – Zinc and aluminium coatings – Guidelines. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 20090:2008/ ECE R90:2001 (SABS ECE R90:2003)	<i>Replacement brake lining assemblies and drum brake linings for power-driven vehicles and their trailers.</i> Applies to replacement service brake lining assemblies intended for use in friction brakes forming part of the braking system of power-driven vehicles and their trailers authorized for use on public roads. <i>ECE amendment No. 1.</i> Amended to change annex 4 on the requirements for replacement brake lining assemblies and drum brake linings for vehicles of categories M3, N2, and N3, on clause 2 inertia dynamometer test, subclause 2.1.1.2 test conditions. <i>ECE amendment No. 2.</i> Amended to change a requirement in the subclause on packaging and marking (6.5.2). <i>ECE amendment No. 3.</i> Amended to change references in the clause on specifications and tests (clause 5), and to delete text in the subclause on packaging and marking (6.2.1). <i>ECE amendment No. 4.</i> Amended to change the scope.
SANS 60034-3:2008/ IEC 60034-3:2007	<i>Rotating electrical machines – Part 3: Specific requirements for synchronous generators driven by steam turbines or combustion gas turbines.</i> Applies to three-phase synchronous generators, having rated outputs of 10 MVA and above driven by steam turbines and combustion gas turbines. It supplements the basic requirements for rotating machines given in SANS 60034-1.



Standard No. and year	Title, scope and purport
SANS 60034-12:2008/ IEC 60034-2:2007 (SABS IEC 60034-12:2003 (Ed. 2.1))	<i>Rotating electrical machines – Part 12: Starting performance of single-speed three-phase cage induction motors. Consolidated edition incorporating amendment No. 1.</i> Amended to include maximum values of locked rotor apparent power for designs N and H of rated outputs ranging from 0,4kW to 4kW.
SANS 60335-2-30:2008/ IEC 60335-2-30:2004 (Ed. 3.2)	<i>Household and similar electrical appliances – Safety Part 2-30: Particular requirements for room heaters. Consolidated edition incorporating amendment No. 2.</i> Amended to change the foreword, the introduction, the scope, normative references, definitions, marking instructions, clauses on heating, abnormal operation, mechanical strength, construction, resistance to heat and fire, figure 102 and the bibliography.
SANS 60335-2-87:2008/ IEC 60335-2:2007 (Ed. 2.1)	<i>Household and similar electrical appliances – Safety Part 2-87: Particular requirements for electrical animal-stunning equipment. Consolidated edition incorporating amendment No. 1.</i> Amended to change the introduction, normative references, marking and instructions, requirements for mechanical strength and the bibliography.
SANS 60423:2008/ IEC 60423:2007 (SABS IEC 60423:1993)	<i>Conduit systems for cable management – Outside diameters of conduits for electrical installations and threads for conduits and fittings.</i> Specifies outside diameters for conduits used in electrical installations or in communication systems and the dimensional requirements for threads. It also specifies the dimensional requirements for threads used in associated fittings.
SANS 60730-2-15:2008/ IEC 60730-2-15:2008	<i>Automatic electrical controls for household and similar use – Part 2-15: Particular requirements for automatic electrical air flow, water flow and water level sensing controls.</i> Applies to automatic electrical air flow, water flow and water level sensing controls for use in, or in association with, boilers with a maximum pressure rating of 2 000 kPa (20 bar) and equipment for general household and similar use including controls for heating, air-conditioning and similar applications. Applies to the inherent safety, operating values, operating sequences where such are associated with equipment protection, and the testing of automatic electrical air flow, water flow and water level sensing controls used in, or in association with, household and similar equipment.
SANS 60754-1:1994/ IEC 60754-1:1994	<i>Test on gases evolved during combustion of materials from cables – Part 1: Determination of the amount of halogen acid gas. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60793-2:2008/ IEC 60793-2:2007 (SABS IEC 60793-2:2004)	<i>Optical fibres – Part 2: Product specifications – General.</i> Contains the general specifications for both multimode and single-mode optical fibres. Sectional specifications for each of the four multimode categories: A1, A2, A3 and A4 contain requirements specific to each category.
SANS 60811-1-1:2001 (Ed. 1.1)	<i>Common test methods for insulating and sheathing materials of electric cables and optical cables – Part 1-1: Methods for general application – Measurement of thickness and overall dimensions – Tests for determining the mechanical properties. Consolidated edition incorporating National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60811-1-3:2001 (Ed. 1.1)	<i>Common test methods for insulating and sheathing materials of electric and optical cables – Part 1-3: General application – Methods for determining the density – Water absorption tests – Shrinkage test. Consolidated edition incorporating National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60884-2-4:2008/ IEC 60884-2-4:2007 (SABS IEC 60884-2-4:1999)	<i>Plugs and socket-outlets for household and similar purposes – Part 2-4: Particular requirements for plugs and socket-outlets for SELV.</i> Applies to plugs, fixed or portable socket-outlets, and to socket-outlets for appliances from 6 V up to and including 48 V d.c. or a.c. (50/60 Hz) SELV with rated current of 16 A, intended for household and similar purposes, either indoors or outdoors.
SANS 61800-5-1:2008/ IEC 61800-5-1:2007	<i>Adjustable speed electrical power drive systems – Part 5-1: Safety requirements – Electrical, thermal and energy.</i> Applies to adjustable speed electric drive systems, including power conversion, drive control and motors, and covers electrical, thermal and energy safety. Applies to d.c. drive systems connected to 1 kV a.c., 50 Hz or 60 Hz and a.c. drive systems with converter input voltages up to 35 kV, 50 Hz and 60 Hz and output voltages up to 35 kV. Does not cover traction and electrical vehicle drives.
SANS 62055-31:2006/ IEC 62055-31:2005	<i>Electricity metering – Payment systems Part 31: Particular requirements – Static payment meters for active energy (classes 1 and 2). IEC corrigendum No. 1.</i> Corrected to change the impulse test voltage from 1 kV to 2 kV and the a.c. test voltage from 2 kV to 1 kV.

### 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 188:1978	<i>Pesticides: Rearing and handling of the Indian meal moth (Plodia interpunctella Hübner).</i>
SANS 1434:1987	<i>Biocides for use in fuels.</i>
SANS 5303:1977	<i>Pesticides: Rearing and handling of the human body louse (Pediculus humanus humanus L.).</i>
SANS 5327:1978	<i>Pesticides: Comparative biological evaluation of the susceptibility of two strains of house-flies to insecticides.</i>
SANS 5332:1977	<i>Pesticides: Rearing and handling of the common clothes moth (Tineola bisselliella Hummel).</i>
SANS 5333:1970	<i>Pesticides: Rearing and handling the carpet beetle (Anthrenus vorax Waterh.) for the evaluation of pesticides.</i>

SANS 5335:1977	<i>Pesticides: Rearing and handling of the bedbug (Cimex Lectularius L.).</i>
SANS 5456:1978	<i>Pesticides: Rearing and handling of the vinegar fly (Drosophila melanogaster (Mg.)).</i>
SANS 5463:1977	<i>Pesticides: Rearing and handling of the grey cockroach (Leucophaea maderae F.).</i>
SANS 5559:2001	<i>Electrical resistance test on copper bar, rod, strip, sheet or tube. –</i>
SANS 5622:1972	<i>Determination of total sulphated ash content of leather.</i>
SANS 5623:1972	<i>Determination of ash content of water-insolubles in leather.</i>
SANS 5810:1977	<i>Pesticides: Rearing and handling of the powder post beetle (Lyctus brunneus Steph.).</i>
SANS 5813:1978	<i>Pesticides: Rearing and handling of the yellow mealworm (Tenebrio molitor L.).</i>
SANS 5814:1978	<i>Pesticides: Rearing and handling of the rat flea (Xenopsylla cheopis Rothschild).</i>
SANS 5816:1978	<i>Pesticides: Rearing and handling of the West Indian drywood termite (Cryptotermes brevis Walker).</i>
SANS 5820:1978	<i>Pesticides: Rearing and handling of the Angoumois grain moth (Sitotroga cerealella Olivier).</i>
SANS 5928:1978	<i>Calculation of fixed carbon content of coal.</i>
SANS 5933:1978	<i>Crucible swelling number of coal (gas-heating method).</i>
SANS 5934:1979	<i>Phosphorus content of coal (photometric method).</i>
SANS 5937:2000	<i>Phosphorus content of coal (photometric method).</i>
SANS 5938:1980	<i>Carbon and hydrogen contents of coal (high temperature combustion method).</i>
SANS 5979:1979	<i>Non-volatile matter content of wax polishes.</i>
SANS 12110:1994	<i>Information technology – Software packages – Quality requirements and testing.</i>
SANS 50312-1:1996	<i>Particleboards – Specifications – Part 1: General requirements for all board types.</i>
SANS 50312-2:1996	<i>Particleboards – Specifications – Part 2: Requirements for general purpose boards for use in dry conditions.</i>
SANS 50312-3:1996	<i>Particleboards – Specifications – Part 3: Requirements for boards for interior fitments (including furniture) for use in dry conditions.</i>
SANS 50312-4:1996	<i>Particleboards – Specifications – Part 4: Requirements for load-bearing boards for use in dry conditions.</i>
SANS 51312-5:1996	<i>Particleboards – Specifications – Part 5: Requirements for load-bearing boards for use in humid conditions.</i>
SANS 50312-7:1997	<i>Particleboards – Specifications – Part 7: Requirements for heavy-duty load-bearing boards for use in humid conditions.</i>

#### SCHEDULE 4: ADDRESSES OF SABS OFFICES

The addresses of offices of the South African Bureau of Standards where copies of standards mentioned in this notice can be obtained, are as follows:

1. The CEO, South African Bureau of Standards, 1 Dr Lategan Road, Groenkloof, Private Bag X191, Pretoria 0001.
2. The Manager, Western Cape Regional Office, SABS, Liesbeek Park Way, Rosebank, PO Box 615, Rondebosch 7701.
3. The Manager, Eastern Cape Regional Office, SABS, 30 Kipling Road, cor. Diaz and Kipling Roads, Port Elizabeth, PO Box 3013, North End 6056.
4. The Manager, KwaZulu-Natal Regional Office, SABS, 15 Garth Road, Waterval Park, Durban, PO Box 30087, Mayville 4058.
5. The Control Officer, Bloemfontein Branch Office, SABS, 34 Victoria Road, Willows, Bloemfontein, PO Box 20265, Willows 9320.