

No. 1164

9 December 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 363:2005/ ISO/TR 10129:1993	<i>Plain bearings – Testing of bearing metals – Resistance to corrosion by lubricants under static conditions.</i> Describes the testing of bearing metals with lubricants with regard to their corrosion resistance.
SANS 401:2005/ ASTM D440:2002	<i>Standard test method of drop shatter test for coal.</i> Covers the determination of the relative size stability and its complement, the friability, of sized coal. It affords a means of indicating the ability of coal to withstand breakage when subjected to handling at the mine and during transit to the consumer. The test method is serviceable for ascertaining the similarity of coals in respect to size stability and friability rather than for determining values within narrow limits in order to emphasize their dissimilarity.
SANS 402:2005/ ISO 157:1996	<i>Coal – Determination of forms of sulfur.</i> Specifies methods of determining the sulfate and pyrite sulfur contents of coals, including brown coals and methods of calculating the amount of organic sulfur present.
SANS 403:2005/ ISO 1018:1975	<i>Hard coal – Determination of moisture-holding capacity.</i> Specifies a method for the determination of moisture-holding capacity where the coal is brought to equilibrium with an atmosphere of 96% relative humidity at 30 °C and then dried to constant mass at 105 °C to 110 °C. The conditioning of the coal may be carried out either at atmospheric pressure or under reduced pressure. The moisture-holding capacity is reported as a percentage, by mass, of the conditioned moist coal.
SANS 438:2005/ ISO 999:1996	<i>Information and documentation – Guidelines for the content, organization and presentation of indexes.</i> Gives guidelines for the content, organization and presentation of indexes to books, periodicals, reports, patent documents and other written documents, also to non-print materials, such as electronic documents, films, sound and video recordings.
SANS 1735:2005/ ISO 1735:2004	<i>Cheese and processed cheese products – Determination of fat content – Gravimetric method (Reference method).</i> Provides the reference method for the determination of the fat content of all types of cheese and processed cheese products having lactose contents of below 5% (mass fraction) of non-fat solids.
SANS 2788:2005/ ISO 2788:1986	<i>Documentation – Guidelines for the establishment and development of monolingual thesauri.</i> The recommendations are intended to ensure consistent practice within a single indexing agency, or between different agencies (for example members of a network). The techniques described in this national standard are not limited to a particular method of indexing, whether post-coordinate or pre-coordinate, however certain restrictions apply, for example, it is generally based on the concept of "preferred terms" (see 35). The recommendations relate to monolingual thesauri, without reference to the special requirements of multilingual thesauri.
SANS 5072:2005/ ISO 5072:1997	<i>Brown coals and lignites – Determination of true relative density and apparent relative density.</i> Covers methods for determining the true and apparent relative density of brown coals and lignites.
SANS 5537:2005/ ISO 5537:2004	<i>Dried milk – Determination of moisture content (Reference method).</i> Specifies a method for the determination of the moisture content of all types of dried milk.
SANS 5964:2005/ ISO 5964:1985	<i>Documentation – Guidelines for the establishment and development of multilingual thesauri.</i> This standard should be used in conjunction with SANS 2788, and regarded as an extension of the scope of the monolingual guidelines. These guidelines are restricted in scope to the problems of multilingualism which can arise during the construction of a "conventional" thesaurus, i.e. a thesaurus displaying terms selected from more than one natural language, these terms then constituting the vocabulary of a controlled indexing language. Multilingual thesauri are relatively recent developments in the field of documentation, and it is inevitable, therefore, that the present guidelines should display certain limitations.
SANS 10379:2005	<i>Zoo and aquarium practice.</i> Specifies provisions for the management and operation of all zoos and aquariums, including reptile parks, crocodile farms, lion parks, bird parks, insectariums and any combination of these. It includes provisions for management systems, the husbandry and welfare of animals, conservation and research practices, and educational and recreational aspects.
SANS 15494:2005/ ISO 15494:2003	<i>Plastics piping systems for industrial applications – Polybutene (PB), polyethylene (PE) and polypropylene (PP) – Specifications for components and the system – Metric series.</i> Specifies the characteristics and requirements for components such as pipes, fittings and valves made from one of the following materials: polybutene (PB), polyethylene (PE), and polypropylene (PP), intended to be used for thermoplastics piping systems in above-ground industrial applications.

Standard No. and year	Title, scope and purport
SANS 15706:2005/ ISO 15706:2002	Information and documentation – International Standard Audiovisual Number (ISAN). Establishes and defines a voluntary standard numbering system for the unique and international identification of audiovisual works. Identifies an audiovisual work throughout its life and is intended for use wherever precise and unique identification of an audiovisual work would be desirable. As an identifier, it may be used for various purposes, such as to assist allocation of royalties among right holders, to track the use of audiovisual works, for information retrieval and for anti-piracy purposes, such as verifying title registrations.
SANS 15707:2005/ ISO 15707:2001	Information and documentation – International Standard Musical Work Code (ISWC). Specifies a means of uniquely identifying a musical work . It standardizes and promotes internationally the use of a standard identification code so that musical works can be uniquely distinguished from one another within computer databases and related documentation and for the purposes of collecting societies involved in the administration of rights to such works.
SANS 15876-1:2005/ ISO 15876-1:2003	Plastics piping systems for hot and cold water installations – Polybutylene (PB) – Part 1: General. Specifies the general aspects of polybutylene (PB) piping systems intended to be used for hot and cold water installations within buildings for the conveyance of water whether or not intended for human consumption (domestic systems) and for heating systems , under design pressures and temperatures according to the class of application.
SANS 15876-2:2005/ ISO 15876-2:2003	Plastics piping systems for hot and cold water installations – Polybutylene (PB) – Part 2: Pipes. Specifies the characteristics of pipes made of polybutylene (PB) for piping systems intended to be used for hot and cold water installations within buildings for the conveyance of water , whether or not intended for human consumption (domestic systems), and for heating systems, under design pressures and temperatures appropriate to the class of application.
SANS 15876-3:2005/ ISO 15876-3:2003	Plastics piping systems for hot and cold water installations – Polybutylene (PB) – Part 3: Fittings. Specifies the characteristics of fittings for polybutylene (PB) piping systems intended to be used for hot and cold water installations within buildings for the conveyance of water , whether or not intended for human consumption (domestic systems), and for heating systems under design pressures and temperatures d i n g to the class of application.
SANS 15876-5:2005/ ISO 15876-5:2003	Plastics piping systems for hot and cold water installations – Polybutylene (PB) – Part 5: Fitness for purpose of the system. Specifies the characteristics of the fitness for purpose of polybutylene (PB) piping systems, intended to be used for hot and cold water installations within buildings for the conveyance of water, whether or not intended for human consumption (domestic systems), and for heating systems , under design pressures and temperatures according to the class of application.
SANS 21567:2005/ ISO 21567:2004	Microbiology of food and animal feeding stuffs – Horizontal method for the detection of Shigella spp. Specifies a horizontal method for the detection of Shigella species . This standard is applicable to products intended for human consumption and the feeding of animals, and environmental samples in the area of food production and food handling.
SANS 61643-22:2005/ IEC 61643-22:2004	Low-voltage surge protective devices – Part 22: Surge protective devices connected to telecommunications and signalling networks – Selection and application principles. Describes the principles for the selection, operation, location and coordination of SPDs connected to telecommunication and signalling networks with nominal system voltages up to 1 000 V r.m.s. a.c. and 1 500 V d.c. Also addresses SPDs that incorporate protection for signalling lines and power lines in the same enclosure.
SANS 62103:2005/ IEC 62103:2003	Electronic equipment for use in power installations. Applies to the use of electronic equipment (EE) in power installations where a Uniform technical level with respect to safety and reliability is necessary.
SANS 300234:2005/ ETSI EN 300234:2001	Fixed Radio Systems; Point-to-point equipment; High capacity digital radio systems carrying 1 × STM-I signals and operating in frequency bands with about 30 MHz channel spacing and alternated arrangements. Specifies parameters for high capacity STM-I digital radio-relay systems designed to operate in defined bands up to 15 GHz. The channel spacing between adjacent cross-polar channels is generally approximately 30 MHz. Specifies the minimum performance parameters for terrestrial fixed service radio communications equipment operating in the frequency bands up to 15 GHz.
SANS 300630:2005/ ETSI EN 300630:2001	Fixed Radio Systems; Point-to-point equipment; Low capacity point-to-point digital radio systems operating in the 1,4 GHz frequency band. Specifies the minimum performance parameters for terrestrial digital fixed service radio communications equipment operating in the 1,4 GHz frequency bands . The requirements and limits given are relevant to all environmental conditions for the chosen climatic class.

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 271:2005/ ISO 62242005	Thermoplastics hoses, textile-reinforced, for general-purpose water applications – Specification. Specifies the requirements for three types of general-purpose textile-reinforced thermoplastic water discharge hose with an operating temperature range of -10 °C to +60 °C and a maximum working pressure of 25 bar .
SANS 272:2005/ ISO 1403:2005	Rubber hoses, textile-reinforced, for general-purpose water applications – Specification. Specifies the requirements for three types of general-purpose textile-reinforced rubber water hose with an operating temperature range of -25 °C to +70 °C and a maximum working pressure of up to 25 bar .
SANS 587:2005 (SABS 587:1957)	Canned fish, canned marine molluscs and canned crustaceans, and products derived therefrom. Covers the manufacture, production, processing and treatment of canned fish and canned fish products, canned marine molluscs and canned marine mollusc products, and canned crustaceans and canned crustacean products. It also details hygiene requirements for the product and for factory workers.

Standard No. and year	Title, scope and purport
SANS 587:2005 (SABS 587:1957)	<i>Canned fish, canned marine molluscs and canned crustaceans, and products derived therefrom.</i> Covers the manufacture, production, processing and treatment of canned fish and canned fish products, canned marine molluscs and canned marine mollusc products, and canned crustaceans and canned crustacean products. It also details hygiene requirements for the product and for factory workers.
SANS 887:2005 (SABS 887:2000)	<i>Varnish for interior use</i> Covers two types of varnish for interior use on wooden surfaces, Type I: general purpose glossy or eggshell varnish, and Type II: solvent-, heat-, and chemical-resistant glossy or eggshell varnish.
SANS 960:2005 (SABS SM 960:1994)	<i>Textiles – Dimensional stability during washing and drying procedures.</i> Specifies a method of determining the effect of washing and drying procedures on the dimensional stability of fabric, garments and other textile articles. Seven washing procedures and five drying procedures are described. A complete test consists of a washing and a drying procedure.
SANS 1191:2005 (Ed. 1.5)	<i>High penetration-resistant laminated safety glass for vehicles.</i> Consolidated edition incorporating amendment No. 5. Amended to change the definition of "acceptable", the test for distortion of vision, and the procedure of the radiation test.
SANS 1251:2005 (SABS 1251:1998)	<i>Engine cooling system protectors.</i> Covers glycol-type compounds which, when added at adequate concentrations to water in engine cooling systems, provide protection against corrosion, lower the freezing point, and raise the boiling point of the resultant coolant.
SANS 1563:2005 (Ed. 1.1)	<i>The strength of large passenger vehicle superstructures (roll-over protection).</i> Consolidated edition incorporating amendment No. E. Amended to change the designation from SABS to SANS, and to change references to the SABS to refer to the regulatory authority.
SANS 1564:2005 (Ed. 1.1)	<i>The strength of seats (and their anchorages) of large passenger buses.</i> Consolidated edition incorporating amendment No. I. Amended to change the designation from SABS to SANS, and to change references to the SABS to refer to the regulatory authority.
SANS 2408:2005/ ISO 2408:2004 (SABS ISO 2408:1985)	<i>Steel wire ropes for general purposes – Minimum requirements.</i> Specifies the most commonly used wire ropes for general purposes. They are grouped by the number of strands and the number of outer wires in the strands.
SANS 2415:2005/ ISO 2415:2004 (SABS ISO 2415:1987)	<i>Forged shackles for general lifting purposes – Dee shackles and bow shackles.</i> Specifies the general characteristics, performance and critical dimensions necessary for interchangeability and compatibility with other components, of forged dee and bow shackles in a range of sizes having working load limits from 0.63 to 100 t, and in grades M(4), S(6) and T(8).
SANS 5117:2005 (SABS SM 117:1960)	<i>Textiles – Formulae used in statistical analysis.</i> Specifies formulae used in the statistical analysis of the results obtained from the testing of textiles.
NS 5: 05 (Ed. 2.1)	<i>Soap powder or soap chips – Determination of fineness.</i> Consolidated edition incorporating amendment No. 1. Amended to change the designation from SABS to SANS and to delete reference to the South African Bureau of Standards.
SANS 5256:2005 (SABS SM 256:1974)	<i>Presence of dyes in absorbent cotton wool.</i> Specifies a method for the determination of the presence of dyes in absorbent cotton wool.
SANS 5263:2005 (SABS SM 263:1990)	<i>Water absorption rate of textile fabrics.</i> Specifies a method for the determination of the water absorption rate of textile fabrics intended for use as towels, dishcloths, cleaning rags, absorbent surgical dressings and for other applications where water absorption is important.
SANS 5385:2005 (SABS SM 385:1972)	<i>Mass per unit area of conditioned knitted textiles.</i> Specifies a method for the determination of the mass per unit area of conditioned knitted textiles.
SANS 5418:2005 (SABS SM 418:1973)	<i>Dimensional changes of textile fabrics during steam pressing.</i> Specifies a method for the determination of the dimensional changes of textile fabrics during steam pressing.
SANS 5421:2005 (SABS SM 421:1973)	<i>Slip resistance of textile shoe laces and similar articles.</i> Specifies a method for the determination of the slip resistance of textile shoe laces and similar articles.
SANS 6106:2005 (SABS SM 1106:1987)	<i>Wales and courses per unit length in knitted textile fabrics (graduated rule method).</i> Specifies a method for the determination of the wales and courses per unit length in knitted textile fabrics, with the use of the graduated rule.
SANS 6107:2005 (SABS SM 1107:1987)	<i>Wales and courses per unit length in knitted textile fabrics (Traversing thread counter method).</i> Specifies a method for the determination of the wales and courses per unit length in knitted textile fabrics, with the use of a traversing thread counter.
SANS 6188:2005 (SABS SM 1188:1994)	<i>Textile floor coverings – Loss of thickness after brief, moderate static loading.</i> Specifies a method for determining the loss of thickness of textile floor coverings that have been subjected to brief, moderate static loading. The method is intended to simulate the effect that a chair leg, exerting a pressure for a short period, would have on a floor covering. Applicable to all textile floor coverings of uniform thickness and construction. Does not apply to other textile floor coverings unless the areas of different thickness or construction can be tested separately.
SANS 10114-1:2005 (SABS 0114-1:1998)	<i>Interior lighting – Part E: Artificial lighting of interiors.</i> Covers requirements for good lighting and also basic guidelines for, and recommendations on, the design of artificial lighting installations for general interior locations. It is primarily aimed at new installations in interior workplaces, but also applies in general to other interior locations.
SANS 20022:2005/ ECE R22:2002 (SABS ECE R22:1992)	<i>Uniform provisions concerning the approval of protective helmets and of their visors for drivers and passengers of motor cycles and mopeds.</i> Applies to protective helmets for drivers and passengers of mopeds and of motor cycles with or without side-car and to the visors fitted to such helmets or intended to be added to them.

Standard No. and year	Title, scope and purport
SANS 60086-3:2005/ IEC 60086-3:2004 (SABS IEC/ISO 60086-3:1995)	<i>Primary batteries – Part 3: Watch batteries. Specifies dimensions, designation, methods of test and requirements for primary batteries for watches.</i>
SANS 60086-5:2005/ IEC 60086-5:2005 (SABS IEC 60086-5:2000)	<i>Primary batteries – Part 5: Safety of batteries with aqueous electrolyte. Specifies tests and requirements for primary batteries with aqueous electrolyte to ensure their safe operation under intended use and reasonably foreseeable misuse.</i>
SANS 60320-2-3:2005 (Ed. 1.1)	<i>Appliance couplers for household and similar general purposes – Part 2-3: Appliance couplers with a degree of protection higher than IPX0. Consolidated edition incorporating IEC amendment No. 1. Amended to change the scope and to add requirements for 6 A accessories.</i>
SANS 60947-5-3:2005 (Ed. 1.1)	<i>Low-voltage switchgear and controlgear – Part 5-3: Control circuit devices and switching elements – Requirements for proximity devices with defined behaviour under fault conditions (PDF). Consolidated edition incorporating amendment No. 1. Amended to update normative references, to add an alphabetical index for definitions, and to change the requirements for electromagnetic compatibility.</i>
SANS 301489-1:2005/ ETSI EN 301489-1:2005 (SABS ETSI EN 301489-1:2001)	<i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services – Part 1: Common technical requirements. Contains the common requirements for radio communication equipment and associated ancillary equipment, in respect of Electromagnetic Compatibility. Specifies the applicable EMC tests, the methods of measurement, the limits and the performance criteria for radio equipment and associated ancillary equipment.</i>

Standard No. and year	Title
SANS 118:1976	<i>Laboratory glassware – Boiling flasks narrow-necked</i>
SANS 1230:1985	<i>Trailer support legs (mechanically adjustable)</i>
SANS 1340:1999	<i>Child-restraining devices for use in motor vehicles</i>
SANS 1455-1:1988	<i>Respiratory equipment for protection against harmful particulates and gas – Part 1: Masks for particulates and gas</i>
SANS 1455-2:1988	<i>Respiratory equipment for protection against harmful particulates and gas – Part 2: Particulate respiratory filters</i>
SANS 1455-3:1988	<i>Respiratory equipment for protection against harmful particulates and gas – Part 3: Particulate filtering masks</i>
SANS 14554:1988	<i>Respiratory equipment for protection against harmful particulates and gas – Part 4: Gas and combination filters</i>
SANS 1629:1995	<i>Windscreen wiper blade assemblies for use on road vehicles</i>
SANS 1701-2-30:1996	<i>Bearings – Part 2: Rolling bearings – Section 30: Technical drawings – General simplified representation</i>
SANS 1701-7-7:1997	<i>Bearings – Part 7: Testing of the tribological behaviour of bearings and bearing materials – Section 7: Plain bearings – Testing of bearing metals – Resistance to corrosion by lubricants under static conditions</i>
SANS 1712:1999	<i>Lateral protection of goods vehicles, trailers and semi-trailers</i>
SANS 3889:1971	<i>Milk and milk products – Determination of fat content – Mojonnier-type fat extraction flasks</i>
SANS 4797:1981	<i>Laboratory glassware – Flasks with conical ground joints</i>
SANS 4799:1978	<i>Laboratory glassware – Condensers</i>
SANS 6414:1982	<i>Technical drawings for glassware</i>

SCHEDULE 4: ADDRESSES OF SABS OFFICES

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

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