

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

No. 462

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**STANDARDS ACT, 1993
STANDARDS MATTERS**

In terms of the Standards Act, 1993 (Act 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 565:2003	<i>Cleansing and wetting procedures for use in the assessment of the effect of cleansing and wetting on the flammability of textile fabrics and fabric assemblies.</i> Describes laboratory procedures for cleansing and wetting textile fabrics and fabric assemblies. These procedures may also be applicable where methods other than those given in BS 5438 are used to assess flammability.
SANS 1726-1:2003/ EN 1726-1:1998	<i>Safety of industrial trucks – Self-propelled trucks up to and including 10 000 kg capacity and tractors with a drawbar pull up to and including 20 000 N – Part 1: General requirements.</i> Applies to self-propelled industrial trucks including masted rough terrain trucks with removable and integrated attachments with a rated capacity up to and including 10 000 kg and to tractors with a rated drawbar pull up to and including 20 000 N.
SANS 1867:2003	<i>Sprayed plastics foams for use in mines.</i> Gives the safety requirements for single-component and multi-component foams applied in mines for ventilation control, for the insulation of refrigeration installations or for use as tamping.
SANS 1914-1:2002	<i>Targeted construction procurement – Part 1: Participation of targeted enterprises.</i> Specifies the general requirements for engaging targeted enterprises on a contract for the provision of supplies, services or works; specifies the contract participation goal; sets out the methods by which the contract participation goal will be measured, quantified and verified in the performance of the contract; and describes the means by which progress towards the achievement of the contract participation goal will be monitored; compliance with requirements will be verified and monitored; and the contract participation goal will be adjusted to accommodate variations to the scope of the contract.
SANS 1914-2:2002	<i>Targeted construction procurement – Part 2: Participation of targeted partners in joint ventures.</i> Specifies the general requirements for engaging targeted partners in joint ventures on a contract for the provision of supplies, services or works; specifies the contract participation goal; sets out the methods by which the contract participation goal will be measured, quantified and verified in the performance of the contract; and describes the means by which progress towards the achievement of the contract participation goal will be monitored; compliance with requirements will be verified and monitored; and the contract participation goal will be adjusted to accommodate variations to the scope of the contract.
SANS 1914-3:2002	<i>Targeted construction procurement – Part 3: Participation of targeted enterprises and targeted partners in joint ventures.</i> Specifies the general requirements for engaging targeted joint venture partners and targeted enterprises on a contract for the provision of supplies, services or works; specifies the contract participation goal; sets out the methods by which the contract participation goal will be measured, quantified and verified in the performance of the contract; and describes the means by which progress towards the achievement of the contract participation goal will be monitored; compliance with requirements will be verified and monitored; and the contract participation goal will be adjusted to accommodate variations to the scope of the contract.
SANS 3074:2003/ ISO 3074:1975	<i>Wool – Determination of dichloromethane-soluble matter in combed sliver.</i> Specifies a method for determining the dichloromethane-soluble matter in combed wool sliver. Its use may be extended to wool in other forms.
SANS 4301-1:2002/ ISO 4301-1:1986	<i>Cranes and lifting appliances – Classification – Part 1: General.</i> Establishes a general classification of cranes based on the number of operating cycles to be carried out during the expected life of the crane and a load spectrum factor which represents a nominal state of loading.
SANS 4301-2:2002/ ISO 4301-2:1985	<i>Lifting appliances – Classification – Part 2: Mobile cranes.</i> Establishes a classification of mobile cranes and related crane mechanisms based on the number of operating cycles to be carried out during the expected life of the mobile crane or mechanism and on a load spectrum factor which represents a nominal state of loading.

Standard No. and year	Title, scope and purport
SANS 4301-3:2002/ ISO 4301-3:1993	<i>Cranes – Classification – Part 3: Tower cranes.</i> Establishes a classification of tower cranes as defined in ISO 4306-3, according to their category. It applies to the classification of tower cranes for building and general construction work that can be dismantled, permanently erected tower cranes, hammerhead cranes, dockside and shipbuilders' tower cranes.
SANS 4302:2002/ ISO 4302:1981	<i>Cranes – Wind load assessment.</i> Gives a simplified method of calculation and assumes that the wind can blow horizontally from any direction, that the wind blows at a constant velocity and that there is a static reaction to the loadings it applies to the crane structure.
SANS 4310:2002/ ISO 4310:1981	<i>Cranes – Test code and procedures.</i> Specifies the tests and procedures to be followed in order to verify that a crane conforms to its operational specifications and is capable of lifting rated loads.
SANS 6506-1:2003/ ISO 6506-1:1999	<i>Metallic materials – Brinell hardness test – Part 1: Test method.</i> Specifies the method for the Brinell hardness test for metallic materials and is applicable up to the limit of 650 HBW.
SANS 6506-2:2003/ ISO 6506-2:1999	<i>Metallic materials – Brinell hardness test – Part 2: Verification and calibration of testing machines.</i> Specifies a method of verification and calibration of testing machines used for determining Brinell hardness in accordance with ISO 6506-1. Specifies a direct method for checking the main functions of machine operation and an indirect method suitable for checking the overall machine operation. The indirect method may be used independently for periodic routine checking of machine operation while in service.
SANS 6506-3:2003/ ISO 6506-3:1999	<i>Metallic materials – Brinell hardness test – Part 3: Calibration of reference blocks.</i> Specifies a method for the calibration of reference blocks which are intended for use in the indirect verification of Brinell hardness testing machines as described in ISO 6506-2.
SANS 7363:2002/ ISO 7363:1986	<i>Cranes and lifting appliances – Technical characteristics and acceptance documents.</i> Establishes the form of presentation and content of the documents which a manufacturer should provide with cranes and lifting appliances.
SANS 7752-5:2002/ ISO 7752-5:1985	<i>Lifting appliances – Controls – Layout and characteristics – Part 5: Overhead travelling cranes and portal bridge cranes.</i> Establishes the arrangement, requirements and direction of movement of the basic controls for travelling, traversing, slewing, cab driving and load hoisting and lowering operations for all overhead travelling cranes and portal bridge cranes, as defined in ISO 4306-1.
SANS 8466-1:2002/ ISO 8466-1:1990	<i>Water quality – Calibration and evaluation of analytical methods and estimation of performance characteristics – Part 1: Statistical evaluation of the linear calibration function.</i> Describes the steps to be taken in evaluating the statistical characteristics of the linear calibration function. Is applicable to methods that require a calibration.
SANS 8466-2:2002/ ISO 8466-2:2001	<i>Water quality – Calibration and evaluation of analytical methods and estimation of performance characteristics – Part 2: Calibration strategy for non-linear second-order calibration functions.</i> Intended primarily for use in method development and may not necessarily be applicable to all routine analyses.
SANS 8566-1:2002/ ISO 8566-1:1992	<i>Cranes – Cabins – Part 1: General.</i> Specifies the general requirements for cabins from which cranes, as defined in ISO 4306-1, are operated.
SANS 8566-5:2002/ ISO 8566-5:1992	<i>Cranes – Cabins – Part 5: Overhead travelling and portal bridge cranes.</i> Establishes the requirements for cabins for overhead travelling and portal bridge cranes as defined in ISO 4306-1.
SANS 9374-1:2002/ ISO 9374-1:1989	<i>Cranes – Information to be provided – Part 1: General.</i> Specifies generally the information to be provided by the purchaser and the manufacturer so that the most suitable crane can be provided for the duty requirements and service conditions.
SANS 9798-1:2003/ ISO/IEC 9798-1:1997	<i>Information technology – Security techniques – Entity authentication – Part 1: General.</i> Specifies an authentication model and general requirements and constraints for entity authentication mechanisms which use security techniques.
SANS 9798-2:2003/ ISO/IEC 9798-2:1999	<i>Information technology – Security techniques – Entity authentication – Part 2: Mechanisms using symmetric encipherment algorithms.</i> Specifies entity authentication mechanisms using symmetric encipherment algorithms.
SANS 9798-3:2003/ ISO/IEC 9798-3:1998	<i>Information technology – Security techniques – Entity authentication – Part 3: Mechanisms using digital signature techniques.</i> Specifies entity authentication mechanisms using digital signatures based on asymmetric techniques.
SANS 9798-4:2003/ ISO/IEC 9798-4:1999	<i>Information technology – Security techniques – Entity authentication – Part 4: Mechanisms using a cryptographic check function.</i> Specifies entity authentication mechanisms using a cryptographic check function.
SANS 9798-5:2003/ ISO/IEC 9798-5:1999	<i>Information technology – Security techniques – Entity authentication – Part 5: Mechanisms using zero knowledge techniques.</i> Specifies three entity authentication mechanisms using zero knowledge techniques.
SANS 10055-1:2003	<i>ISO 9001: 2000 Process auditing – Part 1: Concepts and application.</i> Provides overall information on the concepts of process auditing and their use in the context of monitoring compliance with SANS 9001. Describes how the parts of SANS 10055 fit together, and provides guidance for their selection and use.
SANS 10304-2:2002	<i>The classification of pesticides and stock remedies for sale and handling in South Africa – Part 2: The classification of stock remedies.</i> Covers the classification of stock remedies, with the exception of vaccines and antibiotics, for sale and handling in South Africa.
SANS 10359-1:2002/ ISO 10359-1:1992	<i>Water quality – Determination of fluoride – Part 1: Electrochemical probe method for potable and lightly polluted water.</i> Specifies a method for the determination of dissolved fluoride in fresh, potable and low contaminated water, and some surface waters, using an electrochemical technique.

Standard No. and year	Title, scope and purport
SANS 10705-1:2002/ ISO 10705-1:1995	<i>Water quality – Detection and enumeration of bacteriophages – Part 1: Enumeration of F-specific RNA bacteriophages.</i> Specifies a method for the detection and enumeration of F-specific ribonucleic acid (RNA) bacteriophages by incubating the sample with an appropriate host strain. The method can be applied to all kinds of water, sediments and sludges, where necessary after dilution. The method can also be applied to shellfish extracts.
SANS 10705-2:2002/ ISO 10705-2:2000	<i>Water quality – Detection and enumeration of bacteriophages – Part 2: Enumeration of somatic coliphages.</i> Specifies a method for the detection and the enumeration of somatic coliphages 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. The method is also applicable to shellfish extracts.
SANS 12107:2003/ EN 12107:1997	<i>Plastics piping systems – Injection-moulded thermoplastics fittings, valves and ancillary equipment – Determination of the long-term hydrostatic strength of thermoplastics materials for injection moulding of piping components.</i> Specifies methods for preparing tubular test pieces for testing thermoplastics materials used for injection moulding, to evaluate the long-term resistance to constant internal water pressure at constant temperature and to check the hydrostatic strength of the material.
SANS 12469:2002/ EN 12469:2000	<i>Biotechnology – Performance criteria for microbiological safety cabinets.</i> Specifies basic requirements for microbiological safety cabinets (MSCs) with respect to safety and hygiene. It sets the minimum performance criteria for safety cabinets for work with microorganisms and specifies test procedures for microbiological safety cabinets with respect to protection of the worker and the environment, product protection and cross contamination.
SANS 13006:2003/ ISO 13006:1998	<i>Ceramic tiles – Definitions, classification, characteristics and marking.</i> Defines terms and establishes classifications, characteristics and marking requirements for ceramic tiles of the best commercial quality (first quality).
SANS 13335-3:2002/ ISO/IEC TR 13335-3:1998	<i>Information technology – Guidelines for the management of IT security – Part 3: Techniques for the management of IT Security.</i> Provides techniques for the management of IT security.
SANS 13335-4:2002/ ISO/IEC TR 13335-4:2000	<i>Information technology – Guidelines for the management of IT security – Part 4: Selection of safeguards.</i> Provides guidance on the selection of safeguards, describes a process for the selection of safeguards according to security risks and the specific environment of an organization, and shows how to achieve appropriate protection, and how this can be supported by the application of baseline security.
SANS 13335-5:2002/ ISO/IEC TR 13335-5:2001	<i>Information technology – Guidelines for the management of IT security – Part 5: Management guidance on network security.</i> Provides guidance with respect to networks and communications to those responsible for the management of IT security. Supports the identification and analysis of the communications related factors that should be taken into account to establish network security requirements.
SANS 13909-3:2002/ ISO 13909-3:2001	<i>Hard coal and coke – Mechanical sampling – Part 3: Coal – Sampling from stationary lots.</i> Specifies procedures for the mechanical sampling of coal from stationary lots.
SANS 13909-4:2002/ ISO 13909-4:2001	<i>Hard coal and coke – Mechanical sampling – Part 4: Coal – Preparation of test samples.</i> Describes the preparation of samples of coal from the combination of primary increments to the preparation of samples for specific tests.
SANS 14403:2002/ ISO 14403:2002	<i>Water quality – Determination of total cyanide and free cyanide by continuous flow analysis.</i> Specifies methods for the determination of cyanide in various types of water.
SANS 14516:2003/ ISO/IEC TR 14516:2002	<i>Information technology – Security techniques – Guidelines for the use and management of Trusted Third Party services (TTPs).</i> Provides guidance for the use and management of TTPs, a clear definition of the basic duties and services provided, their description and their purpose, and the roles and liabilities of TTPs and entities using their services.
SANS 15161:2003/ ISO 15161:2001	<i>Guidelines on the application of ISO 9001:2000 for the food and drink industry.</i> Gives guidance to organizations in applying the requirements of ISO 9001 during the development and implementation of a quality management system in the food and drink industry.
SANS 15408-1:2002/ ISO/IEC 15408-1:1999	<i>Information technology – Security techniques – Evaluation criteria for IT security – Part 1: Introduction and general model.</i> Defines criteria to be used as the basis for evaluation of security properties of IT products and systems.
SANS 15408-2:2002/ ISO/IEC 15408-2:1999	<i>Information technology – Security techniques – Evaluation criteria for IT security – Part 2: Security functional requirements.</i> Describes the desired security behaviour expected of a Target of Evaluation (TOE) and are intended to meet the security objectives as stated in a Protection Profile or a Security Target.
SANS 15408-3:2002/ ISO/IEC 15408-3:1999	<i>Information technology – Security techniques – Evaluation criteria for IT security – Part 3: Security assurance requirements.</i> Defines the assurance requirements of the standard.
SANS 15587-1:2002/ ISO 15587-1:2002	<i>Water quality – Digestion for the determination of selected elements in water – Part 1: Aqua regia digestion.</i> Specifies a method for extracting trace elements from a water sample using aqua regia as a digestion agent.
SANS 15587-2:2002/ ISO 15587-2:2002	<i>Water quality – Digestion for the determination of selected elements in water – Part 2: Nitric acid digestion.</i> Specifies a method for extracting trace elements from a water sample using nitric acid as a digestion agent.
SANS 15682:2002/ ISO 15682:2000	<i>Water quality – Determination of chloride by flow analysis (CFA and FIA) and photometric or potentiometric detection.</i> Specifies two methods for the determination of chloride by flow analysis.
SANS 15945:2002/ ISO/IEC 15945:2002	<i>Information technology – Security techniques – Specification of TTP services to support the application of digital signatures.</i> Defines TTP services needed to support the application of digital signatures for the purpose of non-repudiation of creation of documents.

Standard No. and year	Title, scope and purport
SANS 16654:2003/ ISO 16654:2001	<i>Microbiology of food and animal feeding stuffs – Horizontal method for the detection of Escherichia coli O157</i> . Specifies a horizontal method for the detection of <i>Escherichia coli</i> serogroup O157. Is applicable to products intended for human consumption or for animal feeding stuffs.
SANS 17495:2002/ ISO 17495:2001	<i>Water quality – Determination of selected nitrophenols – Method by solid-phase extraction and gas chromatography with mass spectrometric detection</i> . Specifies a method for the determination of selected nitrophenols in drinking, ground and surface water in mass concentrations > 0,5 µg/L.
SANS 19011:2003/ ISO 19011:2002	<i>Guidelines for quality and/or environmental management systems auditing</i> . Provides guidance on the principles of auditing, managing audit programmes, conducting quality management system audits and environmental management system audits, as well as guidance on the competence of quality and environmental management system auditors.
SANS 19101:2003/ ISO 19101:2002	<i>Geographic information – Reference model</i> . Defines the framework for standardization in the field of geographic information and sets forth the basic principles by which this standardization takes place.
SANS 19105:2003/ ISO 19105:2000	<i>Geographic information – Conformance and testing</i> . Specifies the framework, concepts and methodology for testing and criteria to be achieved to claim conformance to the family of ISO geographic information standards. Provides a framework for specifying abstract test suites (ATS) and for defining the procedures to be followed during conformance testing. Conformance may be claimed for data or software products or services or by specifications including any profile or functional standard.
SANS 19108:2003/ ISO 19108:2002	<i>Geographic information – Temporal schema</i> . Defines concepts for describing temporal characteristics of geographic information.
SABS 50352-2:2001	<i>Hearing protectors – Safety requirements and testing – Part 2: Ear-plugs</i> . Is concerned with ear-plugs and specifies constructional, design and performance requirements, methods of test, marking requirements and user information.
SANS 50994:2003/ EN 994:1995	<i>Textile floor coverings – Determination of the side length, squareness and straightness of tiles</i> . Specifies a method for determining the length and straightness of the edges and the squareness of floor coverings in the form of right-angled tiles.
SANS 60793-1-20:2002/ IEC 60793-1-20:2001	<i>Optical fibres – Part 1-20: Measurement methods and test procedures – Fibre geometry</i> . Establishes uniform requirements for measuring the geometrical characteristics of uncoated optical fibres. The geometrical characteristics of uncoated optical fibres are fundamental values and are necessary for carrying out subsequent procedures such as handling, splicing, connectorization, cabling and measurements.
SANS 60793-2-10:2002/ IEC 60793-2-10:2002	<i>Optical fibres – Part 2-10: Product specifications – Sectional specification for category A1 multimode fibres</i> . Applicable to optical fibre types A1a, A1b, and A1d. These fibres are used or can be incorporated in information transmission equipment and optical fibre cables.
SANS 60793-2-20:2002/ IEC 60793-2-20:2001	<i>Optical fibres – Part 2-20: Product specifications – Sectional specification for category A2 multimode fibres</i> . Applicable to optical fibre types A2a, A2b, and A2c. These fibres are used or can be incorporated in information transmission equipment and optical fibre cables (typically up to 2 km).
SANS 60793-2-30:2002/ IEC 60793-2-30:2002	<i>Optical fibres – Part 2-30: Product specifications – Sectional specification for category A3 multimode fibres</i> . Applicable to optical fibre types A3a, A3b, A3c and A3d. These fibres are used or can be incorporated in information transmission equipment and optical fibre cables (typically up to 1 km).
SANS 60793-2-40:2002/ IEC 60793-2-40:2002	<i>Optical fibres – Part 2-40: Product specifications – Sectional specification for category A4 multimode fibres</i> . Applicable to optical fibre types A4a, A4b, A4c, and A4d. These fibres are used or can be incorporated in information transmission equipment and optical fibre cables (typically up to 100 m).
SANS 60793-2-50:2002/ IEC 60793-2-50:2002	<i>Optical fibres – Part 2-50: Product specifications – Sectional specification for class B single-mode fibres</i> . Applicable to optical fibre types B1.1, B1.2, B1.3, and categories B2, and B4. These fibres are used or can be incorporated in information transmission equipment and optical fibre cables.
SANS 61290-3:2002/ IEC 61290-3:2000	<i>Optical fibre amplifiers – Basic specification – Part 3: Test methods for noise figure parameters</i> . Applies to optical fibre amplifiers (OFAs) using active fibres, containing rare-earth dopants, presently commercially available.
SANS 61290-5-1:2002/ IEC 61290-5-1:2000	<i>Optical fibre amplifiers – Basic specification – Part 5-1: Test methods for reflectance parameters – Optical spectrum analyser</i> . Establishes uniform requirements for accurate and reliable measurements by means of the optical spectrum analyzer test method.
SANS 61744:2002/ IEC 61744:2001	<i>Calibration of fibre optic chromatic dispersion test sets</i> . Provides standard procedures for the calibration of optical fibre chromatic dispersion (CD) test sets. It also provides procedures to perform calibration checking on CD test sets whereby an extension to the test set calibration period may be obtained. Is applicable to all types of CD test sets, with the exception that measurements on multimode optical fibres are excluded.
SANS 61754-18:2002/ IEC 61754-18:2001	<i>Fibre optic connector interfaces – Part 18: Type MT-RJ connector family</i> . Defines the standard interface dimensions for the type MT-RJ family of connectors.
SANS 61754-20:2002/ IEC/PAS 61754-20:2001	<i>Fibre optic connector interfaces – Part 20: Type LC connector family</i> . Defines the standard interface dimensions for the type LC family of connectors.
SANS 61960-1:2002/ IEC 61960-1:2000	<i>Secondary lithium cells and batteries for portable applications – Part 1: Secondary lithium cells</i> . Specifies performance and safety tests, designations, markings, dimensions and other requirements for secondary lithium cells.
SANS 62005-1:2002/ IEC 62005-1:2001	<i>Reliability of fibre optic interconnecting devices and passive components – Part 1: Introductory guide and definitions</i> . Is a guide for assessing the reliability interconnecting devices and passive components.

Standard No. and year	Title, scope and purport
SANS 62099:2002/ IEC 62099:2001	<i>Fibre optic wavelength switches – Generic specification.</i> Applies to fibre optic wavelength switches, and establishes uniform requirements for fibre optic wavelength switch requirements and quality assessment procedures.
SANS 62221:2002/ IEC TR 62221:2001	<i>Optical fibres – Measurement methods – Microbending sensitivity.</i> Describes four techniques for the measurement of microbending sensitivity of optical fibre.

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 214-2:2003 (Ed. 1.1)	<i>Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 2: Immunity – Product family standard. Consolidated edition incorporating amendment No. 1.</i> Amended to extend the scope, to replace and add normative references, to add new definitions, to change the classification of apparatus, to add new requirements for testing, and to add a new bibliography.
SANS 749:2002 (Ed. 3.2)	<i>Road tar binders prepared from Lurgi-gasification crudes. Consolidated edition incorporating amendment Nos 1 and 2. Amendment No. 1.</i> Has been amended to alter the references to two test methods. <i>Amendment No. 2.</i> Amended to change the scope, to change the definition for acceptable, to update the table on grade requirements, to add a cautionary note on the handling and application of the products that fall within the scope of this standard, to update the applicable standards, and to add a note to the tables in appendix C on the handling and application of road tar binders.
SANS 967:2003 (Ed. 2.2)	<i>Unplasticized poly(vinyl chloride) (PVC-U) soil, waste and vent pipes and pipe fittings. Consolidated edition incorporating amendment No. 2.</i> Amended to expand the scope to include an explanation for "soil", to change all references to "Vicat softening point" to read "Vicat softening temperature", to change the wall thickness of nominal size 75 mm pipes, to change the test for ultraviolet radiation, to correct the distance for the reference lines in tensile testing and to add and update referenced standards.
SANS 1291-1:2003 (Ed. 1.1)	<i>Flexible polyurethane foam sleeping mats and mattresses – Part 1: Mats and mattresses having unsupported polymeric covers. Consolidated edition incorporating amendment No. 1.</i> Amended to update normative references to align with international standards.
SANS 1411-7:2003 (SABS 1411-7:1997)	<i>Materials of insulated electric cables and flexible cords – Part 7: Polyethylene (PE).</i> Specifies requirements for polyethylene (PE) components used in insulated electric cables and flexible cords.
SANS 1539:2003 (SABS 1539:2000)	<i>Appliances operating on liquefied petroleum gas – Safety aspects.</i> Covers the safety aspects of appliances that operate on liquefied petroleum gas at a consumption rating not exceeding 5 kg/h and used in conjunction with refillable liquefied petroleum gas (LPG) cylinders.
SANS 1601:2003 (Ed. 1.2)	<i>Structured wall pipes and fittings of unplasticized poly(vinyl chloride) (PVC-U) for buried drainage and sewerage systems. Consolidated edition incorporating amendment No. 2.</i> Amended to include class 100 and to change the designation of uPVC.
SANS 1703:2003 (Ed. 1.2)	<i>Shade netting. Consolidated edition incorporating amendment No. 2.</i> Amended to include a new type of shade netting, to amend the definition for acceptable, to include test methods for water resistance and to replace withdrawn referenced standards.
SANS 1718-3:2002 (Ed. 1.1)	<i>Gaming equipment – Part 3: Monitoring and control systems for gaming equipment. Consolidated edition incorporating amendment No. 1.</i> Amended to add definitions and abbreviations for "gaming device" and "gaming machine", and to replace annex G <i>Significant events</i> in its entirety in order to align the requirements for significant event messaging with those in SANS 1718-2. Front-end specification. Can only be read in conjunction with SANS 1718-1.
SABS 10062:2003 (Ed. 2.2)	<i>Fixing of concrete interlocking roofing tiles. Consolidated edition incorporating amendment No. 2.</i> Amended to replace references to withdrawn standards, to add normative references, to expand the requirements for trusses, and to update the map of the Republic of South Africa.
SANS 10112:2003 (Ed. 2.1)	<i>The installation of polyethylene and poly(vinyl chloride)(PVC-U and PVC-M) pipes. Consolidated edition incorporating amendment No. 1.</i> Amended to update the title.
SANS 10142-1:2003	<i>The wiring of premises – Part 1: Low-voltage installations. Consolidated edition incorporating amendment No. 1 and technical corrigendum No. 1. Amendment No. 1.</i> Amended to change the number of the standard and the numbers of referenced standards, include a Regulator's Compliance Certificate (RCC) and specially tested assemblies (STA) as proof of compliance, clarify the requirements for distribution boards by adding definitions and a new annex (annex S), amend the requirements for surge protection, and change them to recommendations (included in annex L), amend the requirements for the bonding of antennas, delete the requirements for electric fences, change the requirements for extra low voltage lighting and delete the determination of earth resistance. <i>Technical corrigendum No. 1.</i> Changed to correct errors in the Introduction, in 5.5.2 and in 6.6.1.21(a). SANS 10142-1:2003 (including amendment No. 1) is also available in Afrikaans.
SANS 10231:2003 (Ed. 2.4)	<i>Transportation of dangerous goods – Operational requirements for road vehicles. Consolidated edition incorporating amendment No. 4.</i> Amended to update the reference to the Nuclear Energy Act, and to change certain requirements for the operator and route plan.

Standard No. and year	Title, scope and purport
SANS 20007:2002/ ECE R7:2001 (SABS ECE R7:1992)	<i>Uniform provisions concerning the approval of front and rear position (side) lamps, stop-lamps and end-outline marker lamps for motor vehicles (except motor cycles) and their trailers.</i> Applies to the approval of front and rear position (side) lamps, stop-lamps and end-outline marker lamps for motor vehicles (except motor cycles) and their trailers.
SANS 20099:2002/ ECE R99:2001 (SABS ECE R99:1996)	<i>Uniform provisions concerning the approval of gas-discharge light sources for use in approved gas-discharge lamp units of power-driven vehicles.</i> Applies to gas-discharge light sources intended for use in approved gas-discharge lamp units of power-driven vehicles.
SANS 60079-7:2003 (SABS IEC 60079-7:1990)	<i>Electrical apparatus for explosive gas atmospheres – Part 7: Increased safety "e".</i> Specifies the requirements for the design, construction, testing and marking of electrical apparatus with type of protection increased safety "e" intended for use in explosive gas atmospheres. Applies to electrical apparatus with a rated value of supply voltage not exceeding 11 kV r.m.s. a.c. or d.c.
SANS 61000-4-3:2002 (Ed. 1.2)	<i>Electromagnetic compatibility (EMC) – Part 4-3: Testing and measurement techniques – Radiated, radio-frequency, electromagnetic field immunity test. Consolidated edition incorporating amendment No. 2. Amendment No. 2.</i> Amended to change clause 9 on the evaluation of test results, and to add requirements for a test report.
SANS 61000-4-5:2002 (Ed. 1.1)	<i>Electromagnetic compatibility (EMC) – Part 4-5: Testing and measurement techniques – Surge immunity test. Consolidated edition incorporating amendment No. 1. Amendment No. 1.</i> Amended to add two new clauses, i.e. the evaluation of test results and a test report.
SANS 61000-4-6:2002 (Ed. 1.1)	<i>Electromagnetic compatibility (EMC) – Part 4-6: Testing and measurement techniques – Immunity to conducted disturbances, induced by radio-frequency fields. Consolidated edition incorporating amendment No. 1. Amendment No. 1.</i> Amended to add two new clauses, i.e. the evaluation of test results and a test report.
SANS 61156-1:2002 (Ed. 1.2)	<i>Multicore and symmetrical pair/quad cables for digital communications – Part 1: General specification. Consolidated edition incorporating amendment Nos 1 and 2. Amendment No. 1.</i> Amended to modify the test far-end crosstalk, near-end crosstalk and attenuation. Amendment No. 2. Amended to add new definitions, modify the test for characteristic impedance, add a new test for return loss and structural return loss, and to replace annex A.
SANS 61156-2:2002 (Ed. 1.2)	<i>Multicore and symmetrical pair/quad cables for digital communications – Part 2: Horizontal floor wiring – Sectional specification. Consolidated edition incorporating amendment Nos 1 and 2. Amendment No. 1.</i> Amended to modify requirements for the near-end crosstalk and far-end crosstalk tests. Amendment No. 2. Amended to add requirements for the velocity of propagation, characteristic impedance and return loss and structural return loss tests.
SANS 61156-3:2002 (Ed. 1.2)	<i>Multicore and symmetrical pair/quad cables for digital communications – Part 3: Work area wiring – Sectional specification. Consolidated edition incorporating amendment Nos 1 and 2. Amendment No. 1.</i> Amended to modify requirements for the near-end crosstalk and far-end crosstalk tests. Amendment No. 2. Amended to add requirements for the velocity of propagation, characteristic impedance and return loss and structural return loss tests.
SANS 61300-3-34:2002 (SABS IEC 61300-3-34:1997)	<i>Fibre optic interconnecting devices and passive components – Basic test and measurement procedures – Part 3-34: Examinations and measurements – Attenuation of random mated connectors.</i> Describes the procedure required to measure the statistical distribution and mean attenuation for random mated optical connectors which, in this context, can also be referred to as insertion loss.
SANS 61754-4:2002 (Ed. 1.2)	<i>Fibre optic connector interfaces – Part 4: Type SC connector family. Consolidated edition incorporating amendment Nos 1 and 2. Amendment No. 1.</i> Amended to add requirements for SC angled and angled PC duplex connector interfaces. Amendment No. 2. Amended to add requirements for 4-X1, 4-X2, 4-X3 and 4-X4 standard interfaces.

SCHEDULE 3: CONSOLIDATION OF EXISTING STANDARDS AND AMENDMENTS

The standards and amendments mentioned were issued and announced previously in terms of section 16(3) of the Act, but the amendments have now been incorporated and the standards re-issued as consolidated editions. No new technical information has been added and the consolidated editions do not cancel and replace the previous editions and their amendments.

The number of the consolidated edition appears in brackets below the number of the standard.

Standard No. and year	Title and purport
SABS 1428:1991 (Ed. 1.1)	<i>Replacement silencing systems for motor vehicles. Consolidated edition incorporating amendment No. 1.</i>
SABS 1451-1:1991 (Ed. 1.1)	<i>Hearing protectors – Part 1: Ear-muffs. Consolidated edition incorporating amendment No. 1.</i>
SABS 1477-3:1993 (Ed. 1.1)	<i>Pneumatic braking system connections between drawing and drawn vehicles – Part 3: The arrangement of connections on vehicles, using contact type or palm type couplings. Consolidated edition incorporating amendment No. 1.</i>
SANS 61000-3-3:2002 (Ed. 1.1)	<i>Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection. Consolidated edition incorporating amendment No. 1.</i>

SCHEDULE 4: CANCELLATION OF STANDARDS

In terms of section 16(3) of the Act the following standards have been cancelled.

Standard No. and year	Title
SANS 239:1972	<i>Soft soap, industrial</i>
SANS 1069-1:1993	<i>Land mobile communication equipment – Part 1: Technical characteristics and test conditions for radio equipment with an internal or external RF connector and intended primarily for analogue speech</i>
SANS 1599-0-5:1995	<i>Cranes – Part 0: General – Section 5: Cabins</i>
SANS 1599-0-6:1995	<i>Cranes – Part 0: General – Section 6: Information to be provided</i>
SANS 1599-4-4:1995	<i>Cranes – Part 4: Overhead travelling and portal bridge cranes – Section 4: Cabins</i>
SANS 1663:1996	<i>Safety of manually operated switches for fixed installations</i>
SANS 5229:1972	<i>C10 and lower-chain fatty acids content of fatty matter</i>
SANS 5487:1966	<i>Standard atmospheric conditions in test laboratories</i>
SANS 6165:1990	<i>The concentration of a sodium hydroxide (NaOH) solution</i>
SANS 10141:1988	<i>The processing, testing and storage of silver-gelatin microfilm for archival purposes</i>
SANS 10304:1997	<i>The classification of stock remedies for sale and handling</i>
SANS 60056:1987	<i>High-voltage alternating-current circuit-breakers</i>
SANS 60332-3:1992	<i>Tests on electric cables under fire conditions – Part 3: Tests on bunched wires or cables</i>
SANS 60793-1-3:2000	<i>Optical fibres – Part 1-3: Generic specification – Measuring methods for mechanical characteristics</i>
SANS 60793-1-4:1995	<i>Optical fibres – Part 1: Generic specification – Section 4: Measuring methods for transmission and optical characteristics</i>
SANS 60793-1-5:1995	<i>Optical fibres – Part 1: Generic specification – Section 5: Measuring methods for environmental characteristics</i>
SANS 60793-2:1998	<i>Optical fibres – Part 2: Product specifications</i>
SANS 300385:1999	<i>Electromagnetic compatibility and Radio spectrum Matters (ERM) – ElectroMagnetic compatibility (EMC) standard for fixed radio links and ancillary equipment</i>

SCHEDULE 5: 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, Bloemfontein, 9320.