

GOVERNMENT NOTICE

DEPARTMENT OF TRADE AND INDUSTRY

No. 319

23 April 2010

STANDARDS ACT, 2008 STANDARDS MATTERS

In terms of the Standards Act, 2008 (Act No. 8 of 2008), 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 788:2010	<i>Frozen shrimps (prawns), langoustines and crabs.</i> Specifies requirements for the handling, preparation, processing, packaging, transportation, freezing, storage and quality of frozen shrimps (prawns), langoustines and crabs, and products derived therefrom which are intended for human consumption, whether frozen at sea or on shore. It also specifies requirements for factories and employees involved in the production.
SANS 10183-4-6:2010/ EN 1245:1998	<i>Adhesives for wood – Part 4-6: Test methods – Determination of Ph.</i> Specifies a method for the determination by electrometry of the pH of adhesives, their basic constituents and related products using a pH meter equipped with a glass and silver reference combined electrode. Applicable to products supplied in an aqueous medium, and of known concentration, and to products which can be dissolved, dispersed or suspended in water. Not applicable to adhesives that react with water.
SANS 17484-1:2010/ ISO 17484-1:2006	<i>Plastics piping systems – Multilayer pipe systems for indoor gas installations with a maximum operating pressure up to and including 5 bar (500 kPa) – Part 1: Specifications for systems.</i> Specifies the general requirements and the performance requirements for multilayer pipe systems based on pipes, fittings and their joints intended to be used for gas supply within buildings.
SANS 17577:2010/ ISO 17577:2006	<i>Steel – Ultrasonic testing for steel flat products of thickness equal to or greater than 6 mm.</i> Specifies a method for the automated and/or manual ultrasonic testing of uncoated steel flat products for internal discontinuities by the reflection method. It is applicable to non-alloyed or alloyed steel flat products, in a nominal thickness range of 6 mm to 200 mm. However, this standard may be applied to austenitic and austenitic-ferritic steels, provided that the difference between the amplitude of the noise and that of the echo detection threshold is sufficient for the limit fixed. Testing of flat products, of thickness less than and over 200 mm, may be the subject of special agreements between parties concerned.
SANS 20346:2010/ ISO 20346:2004	<i>Personal protective equipment – Protective footwear.</i> Specifies basic and additional (optional) requirements for protective footwear.
SANS 20347:2010/ ISO 20347:2004	<i>Personal protective equipment – Occupational footwear.</i> Specifies basic and additional (optional) requirements for occupational footwear.
SANS 20474-10:2010/ ISO 20474-10:2008	<i>Earth-moving machinery – Safety – Part 10: Requirements for trenchers.</i> Specifies the safety requirements specific to trenchers and deals with all the significant hazards, hazardous situations and events relevant to the earth-moving machinery within its scope when used as intended or under conditions of misuse reasonably foreseeable by the manufacturer.
SANS 20474-12:2010/ ISO 20474-12:2008	<i>Earth-moving machinery – Safety – Part 12: Requirements for cable excavators.</i> Specifies the safety requirements specific to cable excavators and it can also be applied to the undercarriages and upper-structures of cable excavators, if intended for use in combination with other equipment or attachments.
SANS 20474-13:2010/ ISO 20474-13:2008	<i>Earth-moving machinery – Safety – Part 13: Requirements for rollers.</i> Specifies the safety requirements specific to rollers, and the appropriate technical measures for eliminating or reducing risks arising from significant hazards, hazardous situations or events during commissioning, operation and maintenance.
SANS 20474-11:2010/ ISO 20474-11:2008	<i>Earth-moving machinery – Safety – Part 11: Requirements for earth and landfill compactors.</i> Specifies the safety requirements specific to earth and landfill compactors and it specifies the appropriate technical measures for eliminating or reducing risks arising from significant hazards, hazardous situations or events during commissioning, operation and maintenance.
SANS 23081-2:2010/ ISO 23081-2:2009	<i>Information and documentation – Managing metadata for records – Part 2: Conceptual and implementation issues.</i> Establishes a framework for defining metadata elements consistent with the principles and implementation considerations outlined in ISO 23081-1 (published in South Africa as an identical adoption under the designation SANS 23081-1). The purpose of this framework is to enable a standardized description of records and critical contextual entities for records, to provide common understanding of fixed points of aggregation to enable interoperability of records and information relevant to records between organizational systems, and to enable the reuse and standardization of metadata for managing records over time, space and across applications.
SANS 23279:2010/ ISO 23279:2007	<i>Non-destructive testing of welds – Ultrasonic testing – Characterization of indications in welds.</i> Defines a procedure for classifying internal indications as planar or non-planar.

Standard No. and year	Title, scope and purport
SANS 27006:2010/ ISO/IEC 27006:2007	<i>Information technology – Security techniques – Requirements for bodies providing audit and certification of information security management systems.</i> Specifies requirements and provides guidance for bodies providing audit and certification of an information security management system (ISMS), in addition to the requirements contained in ISO/IEC 17021 (published in South Africa as an identical adoption under the designation SANS 17021) and ISO/IEC 27001 (published in South Africa as an identical adoption under the designation SANS 27001). The requirements in this standard need to be demonstrated in terms of competence and reliability by any body providing ISMS certification. Guidance and additional interpretation of these requirements for any body providing ISMS certification are included in this standard. Intends to support the accreditation of certification bodies providing ISMS certification.
SANS 60601-2-50:2010/ IEC 60601-2-50:2009	<i>Medical electrical equipment – Part 2-50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment.</i> Applies to the basic safety and essential performance of infant phototherapy equipment.
SANS 62000:2010/ IEC/TR 62000:2005	<i>Single-mode fibre compatibility guidelines.</i> Provides guidelines indicating the items that should be taken into account when planning to connect different implementations of single-mode fibres of the same type and single-mode fibres of different types.

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 28:2010 (Ed. 4.1)	<i>Metal ties for cavity walls. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to modify requirements for copper content, to delete the note to the subclause on chromium and nickel contents, and to update referenced standards.
SANS 754:2010 (Ed. 4.6)	<i>Eucalyptus poles, cross-arms and spacers for power distribution and communications systems. Consolidated edition incorporating amendment No. 6.</i> Amended to update the title and the scope, to update referenced standards, to remove reference to the South African Bureau of Standards, to update the table on retention and penetration requirements, to delete a note on the availability of figures for the calibration of electric moisture-meters, and to delete reference to the obtainability of the correction factor.
SANS 903:2010 (SABS 903:1978)	<i>Aluminium alloy corrugated and troughed sheets.</i> Covers 4 types of straight corrugated and 6 types of straight troughed aluminium alloy sheets. Requirements are given for the chemical composition, tensile strength, resistance to bending, thickness, number of corrugation or pitches, width, length, squareness and finish. An appendix describes recommended practices to be observed when these sheets are used.
SANS 1058:2010 (SABS 1058:2006)	<i>Concrete paving blocks.</i> Covers blocks made from concrete, which are used for the construction of paved surfaces.
SANS 1062:2010 (Ed. 1.1)	<i>Pressure and vacuum gauges. Consolidated edition incorporating amendment No. 1.</i> Amended to update the definition of "acceptable" and referenced standards, to change language requirements for the marking of dials, to update the quality verification appendix (appendix C), to delete a reference to the standardization mark, and to add a bibliography.
SANS 1156-2:2010 (SABS 1156-2:2007)	<i>Hose for liquefied petroleum gas (LPG) – Part 2: Hose and tubing for use in LPG vapour phase and LPG-air installations.</i> Covers flexible rubber or PVC hose and tubing for use, at a temperature not exceeding 60 °C, in LPG vapour phase applications. Does not specify rubber hose for welding, cutting and allied processes.
SANS 1176:2010 (Ed. 3.1)	<i>Self-supporting plastics containers of nominal capacities 5 L to 220 L. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition for acceptable, to move reference to South African legislation in the text to the foreword, to delete a note on the obtainability of information about a suitable detergent, and to update referenced standards.
SANS 1639:2010 (SABS 1639:2008)	<i>Reconditioned pneumatically powered chain hoists.</i> Specifies repair and test requirements for the reconditioning of pneumatically powered chain hoists.
SANS 1678:2010 (SABS 1678:2001)	<i>Sterilized milk.</i> Specifies requirements for ultra-high temperature (UHT) sterilized milk, sterilized milk and sterilized flavoured milk intended for human consumption.
SANS 1679:2010 (SABS 1679:2001)	<i>Pasteurized milk.</i> Specifies requirements for homogenized or unhomogenized pasteurized milk intended for human consumption.
SANS 4301-2:2010/ ISO 4301-2:2009	<i>Cranes – Classification – Part 2: Mobile cranes.</i> Establishes a system of classification for mobile cranes and related crane mechanisms, based on the number of operating cycles to be carried out during a crane's expected life, representing a nominal state of loading.
SANS 5457:2010 (SABS SM 457:1977)	<i>Pesticides – Rearing and handling of the American cockroach (<i>Periplaneta americana</i> (L.)).</i> Specifies a method for the rearing and handling of the American cockroach (<i>Periplaneta americana</i> (L.)).
SANS 5568:2010 (SABS SM 1150)	<i>Pesticides – Insecticidal oil-based space sprays in low and medium pressure aerosol dispensers – Determination of internal pressure of filled dispensers.</i> Gives guidance on the determination of the internal pressure of filled dispensers of insecticidal oil-based space sprays.
SANS 5615:2010 (SABS SM 615:1968)	<i>Method for the sampling of footwear components and materials other than leather.</i> Specifies a method for the sampling of rubber and footwear components and materials.

Standard No. and year	Title, scope and purport
SANS 5732:2010 (SABS SM 732:1971)	<i>Tin content of tin and lead alloys.</i> Specifies a method for determining the tin content of tin and lead alloys, where tin is determined iodimetrically.
SANS 6150:2010 (Ed. 2.1)	<i>Verification of compression testing machines for concrete: Calibration of load scale. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 6152:2010 (SABS SM 1152)	<i>Available alkali content of cement extenders (complying with SANS 50197-1).</i> Describes a method to determine the available alkali content of cement extenders (complying with SANS 50197-1).
SANS 6223:2010 (Ed. 1.3)	<i>The Izod impact test for metallic materials. Consolidated edition incorporating amendment No. 2.</i> Amended to update the referenced standard.
SANS 9004:2010/ ISO 9004:2009	<i>Managing for the sustained success of an organization – A quality management approach.</i> Provides guidance to organizations to support the achievement of sustained success by a quality management approach. Is applicable to any organization, regardless of size, type and activity. Not intended for certification, regulatory or contractual use.
SANS 10140-5:2010 (Ed. 2.3)	<i>Identification colour marking – Part 5: Coding of containers for carrying lubricants and associated fluids. Consolidated edition incorporating amendment No. 3.</i> Amended to update a referenced standard.
SANS 10295-2:2010 (Ed. 1.1)	<i>Suspended access equipment – Part 2: Temporary suspended platforms (TSPs). Consolidated edition incorporating amendment No. 1.</i> Amended to move reference to legislation to the foreword and to insert reference to SANS 51808 in the introduction, the normative reference clause and in the text.
SANS 10400-N:2010 (SABS 0400:1990)	<i>The application of the National Building Regulations – Part N: Glazing.</i> Establishes requirements for glazing and safety glazing. Also provides simple design and construction requirements for vertical glass and polycarbonate panels in buildings less than 10 m high, and in shower doors.
SANS 13888-1:2010/ ISO/IEC 13888-1:2009	<i>Information technology – Security techniques – Non-repudiation – Part 1: General.</i> Provides a general model for subsequent parts of ISO/IEC 13888 (published in South Africa as identical adoptions under the designation SANS 13888) specifying non-repudiation mechanisms for evidence generation, evidence transfer, storage and retrieval and evidence verification, using cryptographic techniques.
SANS 15511:2010/ ISO 15511:2009	<i>Information and documentation – International standard identifier for libraries and related organizations (ISIL).</i> Specifies the international standard identifier for libraries and related organizations (ISIL), which comprises a set of standard identifiers used for the unique identification of libraries, archives, museums and related organizations with a minimum impact on already existing systems.
SANS 17484-1:2010/ ISO 17484-1:2006	<i>Plastics piping systems – Multilayer pipe systems for indoor gas installations with a maximum operating pressure up to and including 5 bar (500 kPa) – Part 1: Specifications for systems. ISO corrigendum No. 1.</i> Corrected to modify the following, the maximum operating pressure for piping systems, requirements for material, requirements for pipe dimensions, requirements for sampling and to update the drawing on heat cycle layout.
SANS 20044:2010/ ECE R44:2008	<i>Uniform provisions concerning the approval of restraining devices for child occupants of power-driven vehicles ("child restraint system").</i> Applies to child restraint systems that are suitable for installation in power-driven vehicles with three or more wheels, and that are not intended for use with folding (tip-up) or with side-facing seats. <i>ECE corrigendum No. 1.</i> Corrected to change text on dynamic test. <i>ECE corrigendum No. 2.</i> Corrected to insert a footnote on dynamic test.
SANS 20346:2010/ ISO 20346:2004	<i>Personal protective equipment – Protective footwear. ISO amendment No. 1.</i> Amended to add a normative reference, update table 2, insert an annex, add a requirement for slip resistance, and modify marking requirements. <i>ISO corrigendum No. 1.</i> Corrected to update the foreword. <i>ISO corrigendum No. 2.</i> Corrected to modify the basic requirements for protective footwear.
SANS 20347:2010/ ISO 20347:2004	<i>Personal protective equipment – Occupational footwear. ISO corrigendum No. 1.</i> Corrected to update the foreword. <i>ISO amendment No. 1.</i> Amended to add a normative reference, update table 2, insert an annex, add a requirement for slip resistance, and modify marking requirements. <i>ISO corrigendum No. 2.</i> Corrected to modify the basic requirements for occupational footwear.
SANS 50818-4:2007/ EN 818-4:1996	<i>Short link chain for lifting purposes – Safety – Part 4: Chain slings – Grade 8. EN amendment No. 1.</i> Amended to delete a note to the scope, to update references to a normative reference, to change certain terms and definitions, to change requirements in the clause on hazards, safety, verification of safety, marking, manufacturer's certificate, information for use, alternative rating and marking method, and bases for calculation of working load limits, to make the informative annex on identification tags for chain slings normative, and to add a bibliography.
SANS 50818-6:2000/ EN 818-6:2000	<i>Short link chain for lifting purposes – Safety – Part 6: Chain slings – Specification for information for use and maintenance to be provided by the manufacturer. EN amendment No. 1.</i> Amended to change the introduction and the scope, to update referenced standards, to change the clause on hazards, to change the annex on guidance to assist the manufacturer to prepare documented information for the use and maintenance of chain slings, and to insert two new annexes on the relationship between this standard and EU directives.
SANS 60335-2-36:2010/ IEC 60335-2-36:2008 (Ed. 4.2)	<i>Household and similar electrical appliances – Safety – Part 2-36: Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements. Consolidated edition incorporating amendment No. 2.</i> Amended to change the introduction, to add requirements for classification, marking and instructions, abnormal operation and construction, and to add a referenced standard to the bibliography.
SANS 60335-2-61:2010/ IEC 60335-2-61:2009 (Ed. 2.2)	<i>Household and similar electrical appliances – Safety – Part 2-61: Particular requirements for thermal storage room heaters. Consolidated edition incorporating amendment No. 2.</i> Amended to add to the introduction, to change a cautionary statement regarding challenged persons and children, to change the requirements for components, and to add a referenced standard to the bibliography.

Standard No. and year	Title, scope and purport
SANS 60335-2-98:2010/ IEC 60335-2-98:2008 (Ed. 2.2)	<i>Household and similar electrical appliances – Safety – Part 2-98: Particular requirements for humidifiers. Consolidated edition incorporating amendment No. 2.</i> Amended to add to the introduction, to change a cautionary statement regarding the use of humidifiers by challenged persons and children, to change requirements for marking and instructions, and to add referenced standards to the bibliography.
SANS 60399:2010/ IEC 60399:2008 (Ed. 1.1)	<i>Barrel thread for lampholders with shade holder ring. Consolidated edition incorporating amendment No. 1.</i> Amended to insert a clause "General", and to add referenced standards, definitions, requirements for barrel threads and datasheets on dimensional requirements and gauges.
SANS 60432-3:2010/ IEC 60432-3:2008 (Ed. 1.2)	<i>Incandescent lamps – Safety specifications – Part 3: Tungsten-halogen lamps (non-vehicle). Consolidated edition incorporating amendment No. 2.</i> Amended to add a new reference and a definition for breakdown, to define voltage designations, to provide additional information and marking details, to change the subclause on the safety of self-shielded lamps of range B or C at the end of life, to modify the grouping of test records, to replace the table on maximum base-pin temperatures and to replace annex F that deals with the induced failure test.
SANS 60745-2-13:2010/ IEC 60745-2-13:2009	<i>Hand-held motor-operated electric tools – Safety – Part 2-13: Particular requirements for chain saws. IEC amendment No. 1.</i> Amended to change the text for marking instructions and construction and to change annexes K, L and AA.
SANS 60950-1:2010/ IEC 60950-1:2005	<i>Information technology equipment – Safety – Part 1: General requirements.</i> Applicable to mains-powered or battery-powered information technology equipment, including electrical business equipment and associated equipment, with a rated voltage not exceeding 600 V. <i>IEC corrigendum No. 1.</i> Corrected to change the requirements for the connection of TNV circuits to other circuits and the determination of minimum clearances, to ensure the protection of equipment users from overvoltages on the cable distribution system, to change the mandrel test, the formula for determining the current of telephone ringing signals and the figure on the three line (and neutral) IT power distribution system.

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 1474:2004	<i>Uninterruptible power systems.</i>
SANS 5155:1995	<i>Household refrigerating appliances – Frozen food storage cabinets and food freezers – Characteristics and test methods.</i>
SANS 7371:1995	<i>Household refrigerating appliances – Refrigerators with or without low-temperature compartment – Characteristics and test methods.</i>
SANS 8187:1991	<i>Household refrigerating appliances – Refrigerating appliances – Refrigerator-freezers – Characteristics and test methods.</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.