

DEPARTMENT OF TRADE AND INDUSTRY

No. 369

29 April 2011

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 511:2011	<i>Women's workwear.</i> Covers the material, cut, make and trim of workwear for women.
SANS 910:2011	<i>Requirements for the receiving, handling, transportation and storage of imported genetically modified commodities not approved for general release.</i> Specifies requirements for the receiving, handling, transportation and storage of imported genetically modified commodities not approved for general release.
SANS 952-2:2011	<i>Polymer film for damp-proofing and waterproofing in buildings – Part 2: Laminated (non-woven) products.</i> Covers the requirements for non-woven, laminated, polyolefin membranes for use as a damp-proofing material under concrete or clay roofing tiles.
SANS 968:2011	<i>Conveyor belting – Textile reinforced solid woven carcass construction.</i> Covers requirements for solid woven textile-reinforced conveyor belting including all cover types, designed for use on conveyors with flat or troughed idlers.
SANS 1049:2011/ ISO 5402:2002	<i>Leather – Physical and mechanical tests – Determination of flex resistance by flexometer method.</i> Specifies a method for determining the wet or dry flex resistance of leather and finishes applied to leather. It is applicable to all types of leather below 3,0 mm in thickness.
SANS 1105-2:2011/ ISO 10161-2:1997	<i>Information and documentation – Open systems interconnection – Interlibrary loan application protocol specification – Part 2: Protocol implementation conformance statement (PICS) proforma.</i> Defines the PICS proforma for the ILL protocol, in compliance with the relevant requirements, and in accordance with the relevant guidance for a PICS proforma.
SANS 1162:2011	<i>Responsible tourism – Requirements.</i> Establishes specific minimum requirements for the performance of organizations in the tourism sector in relation to sustainability, and enables an organization to formulate a policy and objectives, which take into account legal requirements and information pertaining to the impact of these requirements.
SANS 2001:CM2:2011	<i>Construction walling – Part CM2: Strip footings, pad footings and slab-on-the-ground foundations for masonry walling.</i> Establishes construction requirements for strip footings, pad footings and slab-on-the-ground foundations to receive masonry walling, and the construction of lightly loaded concrete surface beds.
SANS 3377-1:2011/ ISO 3377-1:2002	<i>Leather – Physical and mechanical tests – Determination of tear load – Part 1: Single edge tear.</i> Specifies a method for determining the tear strength of leather using a single edged tear. The method is sometimes described as a trouser tear. It is applicable to all types of leather.
SANS 3377-2:2011/ ISO 3377-2:2002	<i>Leather – Physical and mechanical tests – Determination of tear load – Part 2: Double edge tear.</i> Specifies a method for determining the tear strength of leather using a double edged tear. The method is sometimes described as the Baumann tear. It is applicable to all types of leather.
SANS 3378:2011/ ISO 3378:2002	<i>Leather – Physical and mechanical tests – Determination of resistance to grain cracking and grain crack index.</i> Specifies a method for determining the resistance of leather to grain cracking and for determining the grain crack index. It is applicable to all leathers.
SANS 10684:2011/ ISO 10684:2004	<i>Fasteners – Hot dip galvanized coatings.</i> Specifies material, process, dimensional and some performance requirements for hot spun galvanized coatings applied to coarse threaded steel fasteners from M8 up to and including M64 and for property classes up to and including 10.9 for bolts, screws and studs and 12 for nuts.
SANS 11640:2011/ ISO 11640:1993	<i>Leather – Tests for colour fastness – Colour fastness to cycles of to-and-fro rubbing.</i> Specifies a method for determining the behaviour of the surface of a leather on rubbing with felt.
SANS 11642:2011/ ISO 11642:1993	<i>Leather – Tests for colour fastness – Colour fastness to water.</i> Specifies a method for determining the colour fastness to water of leather of all kinds at all stages of processing.

Standard No. and year	Title, scope and purport
SANS 14005:2011/ ISO 14005:2010	<i>Environmental management systems – Guidelines for the phased implementation of an environmental management system, including the use of environmental performance evaluation.</i> Provides guidance for all organizations, but particularly small- and medium-sized enterprises (SMEs), on the phased development, implementation, maintenance and improvement of an environmental management system. Includes advice on the integration and use of environmental performance evaluation techniques. Applies to any organization, regardless of its level of development, the nature of the activities undertaken or the location at which they occur.
SANS 14268:2011/ ISO 14268:2002	<i>Leather – Physical and mechanical tests – Determination of water vapour permeability.</i> Describes a method for determining the water vapour permeability of leather and provides alternative methods of sample preparation. It is applicable to all leathers below 3,0 mm thickness.
SANS 14713-1:2011/ ISO 14713-1:2009	<i>Zinc coatings – Guidelines and recommendations for the protection against corrosion of iron and steel in structures – Part 1: General principles of design and corrosion resistance.</i> Provides guidelines and recommendations regarding the general principles of design which are appropriate for articles to be zinc coated for corrosion protection and the level of corrosion resistance provided by zinc coatings applied to iron or steel articles, exposed to a variety of environments.
SANS 14713-2:2011/ ISO 14713-2:2009	<i>Zinc coatings – Guidelines and recommendations for the protection against corrosion of iron and steel in structures – Part 2: Hot dip galvanizing.</i> Provides guidelines and recommendations regarding the general principles of design which are appropriate for articles to be hot dip galvanized for corrosion protection.
SANS 14713-3:2011/ ISO 14713-3:2009	<i>Zinc coatings – Guidelines and recommendations for the protection against corrosion of iron and steel in structures – Part 3: Sherardizing.</i> Provides guidelines and recommendations regarding the general principles of design that are appropriate for articles to be sherardized for corrosion protection.
SANS 15700:2011/ ISO 15700:1998	<i>Leather – Tests for colour fastness – Colour fastness to water spotting.</i> Specifies a method for assessing the effect, on leather of all kinds, caused by spotting with water. The method is suitable for assessing the change in physical appearance and the colour change of the leather.
SANS 15874-7:2011/ ISO/TS 15874-7:2003	<i>Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 7: Guidance for the assessment of conformity.</i> Specifies guidance for the assessment of conformity to be included in the manufacturer's quality plan as part of his quality system.
SANS 17236:2011/ ISO 17236:2002	<i>Leather – Physical and mechanical tests – Determination of extension set.</i> Specifies a method for determining the extension set of leather. It is intended for use on upholstery leather but is applicable to all flexible leathers.
SANS 18018:2011/ ISO/IEC TR 18018:2010	<i>Information technology – Systems and software engineering – Guide for configuration management tool capabilities.</i> Provides guidance for configuration management tool capabilities from which systems and software development life cycle activities can be supported. Provides a set of minimum tool capabilities for configuration management that can be used as the set of criteria by a potential user during an acquisition process, or by a configuration management tool supplier to help identify desirable tool capabilities.
SATR 18532:2011/ ISO/TR 18532:2009	<i>Guidance on the application of statistical methods to quality and to industrial standardization.</i> Describes a broad range of statistical methods applicable to the management, control and improvement of processes.
SANS 20000-3:2011/ ISO/IEC TR 20000-3:2009	<i>Information technology – Service management – Part 3: Guidance on scope definition and applicability of ISO/IEC 20000-1.</i> Provides guidance and commentary on scope definition and applicability of ISO/IEC 20000-1 (published in South Africa as an identical adoption under the designation SANS 20000-1), to enable the service provider to fulfil the requirements specified in ISO/IEC 20000-1. Assists the service provider who is planning service improvements or preparing for a conformity assessment against ISO/IEC 20000-1.
SANS 20000-5:2011/ ISO/IEC TR 20000-5:2010	<i>Information technology – Service management Part 5: Exemplar implementation plan for ISO/IEC 20000-1.</i> Gives guidance on a phased approach to implement an SMS that fulfils the requirements specified in ISO/IEC 20000-1 (published in South Africa as an identical adoption under the designation SANS 20000-1). Provides a structured framework to agree on priorities and manage the implementation activities. Illustrates a generic, three-phase approach to manage the implementation.
SANS 21003-7:2011/ ISO/TS 21003-7:2008	<i>Multilayer piping systems for hot and cold water installations inside buildings – Part 7: Guidance for the assessment of conformity.</i> Applicable to multilayer piping systems intended to be used for hot and cold water installations inside buildings for the conveyance of water.
SANS 21307:2011/ ISO 21407:2009	<i>Plastics pipes and fittings – Butt fusion jointing procedures for polyethylene (PE) pipes and fittings used in the construction of gas and water distribution systems.</i> Establishes general principles regarding the process used in the construction and quality assessment of butt fusion joints incorporating fittings and pipes used in the construction of gas and water distribution systems.
SANS 24766:2011/ ISO/IEC TR 24766:2009	<i>Information technology – Systems and software engineering – Guide for requirements engineering tool capabilities.</i> Requirements engineering (RE) is an essential process of the systems and software engineering life cycles. Provides guidance on desirable capabilities of RE tools.
SANS 27874:2011/ ISO 27874:2008	<i>Metallic and other inorganic coatings – Electrodeposited gold and gold alloy coatings for electrical, electronic and engineering purposes – Specification and test methods.</i> Specifies the requirements for electrodeposited gold and gold alloy coatings for electrical, electronic and other engineering applications on metallic and non-metallic substrates. Also specifies test methods for measuring the properties of the coatings.

Standard No. and year	Title, scope and purport
SANS 50125:2011/ EN 125:2010	<i>Flame supervision devices for gas burning appliances – Thermoelectric flame supervision devices.</i> Specifies the safety, constructional and performance requirements for thermo-electric flame supervision devices, energized by a thermocouple, hereafter referred to as devices, intended for use with gas appliances. It also gives the test procedures for evaluating these requirements and information necessary for the purchaser and user.
SANS 50450-1:2011/ EN 450-1:2007	<i>Fly ash for concrete – Part 1: Definition, specifications and conformity criteria.</i> Specifies requirements for the chemical and physical properties as well as quality control procedures for siliceous fly ash, as defined in 3.2, for use as a type II addition for production of concrete, including in particular cast-in-situ or prefabricated structural concrete conforming to EN 206-1.
SANS 50450-2:2011/ EN 450-2:2005	<i>Fly ash for concrete – Part 2: Conformity evaluation.</i> Specifies the scheme for the evaluation of conformity of fly ash according to EN 450-1.
SANS 50934-1:2011/ EN 934-1:2008	<i>Admixtures of concrete, mortar and grout – Part 1: Common requirements.</i> Specifies the common requirements for all admixtures covered by EN 934-2, EN 934-3, EN 934-4 and EN 934-5, which contain the specific requirements for each type of admixture.
SANS 50934-2:2011/ EN 934-2:2009	<i>Admixtures for concrete, mortar and grout – Part 2: Concrete admixtures – Definitions, requirements, conformity, marking and labelling.</i> Covers admixtures for plain, reinforced and prestressed concrete which are used in site mixed, ready mixed concrete and precast concrete.
SANS 50934-6:2011/ EN 934-6:2001	<i>Admixtures for concrete, mortar and grout – Part 6: Sampling, conformity control and evaluation of conformity.</i> Specifies procedures for sampling, conformity control and evaluation of conformity, for admixtures according to the series EN 934.
SANS 53263-1:2011/ EN 13263-1:2005	<i>Silica fume for concrete – Part 1: Definitions, requirements and conformity criteria.</i> Covers requirements for chemical and physical properties for silica fume to be used as a type II addition in concrete or in mortar, grouts and other mixes.
SANS 53263-2:2011/ EN 13263-2:2005	<i>Silica fume for concrete – Part 2: Conformity evaluation.</i> Covers technical rules for production control by the manufacturer, including autocontrol testing of samples, and for the tasks of the certification body.
SANS 54435:2011/ EN 14435:2004	<i>Respiratory protective devices – Self-contained open-circuit compressed air breathing apparatus with half mask designed to be used with positive pressure only – Requirements, testing, marking.</i> Specifies minimum performance requirements for self-contained open-circuit compressed air breathing apparatus with half mask designed to be used with positive pressure only. This standard does not apply to apparatus used for escape, diving or fire fighting purposes.
SANS 54529:2011/ EN 14529:2005	<i>Respiratory protective devices – Self-contained open-circuit compressed air breathing apparatus with half mask designed to include a positive pressure lung governed demand valve for escape purposes only.</i> Specifies minimum requirements for self-contained open-circuit compressed air breathing apparatus with half mask designed to include a positive pressure lung governed demand valve for escape purposes only. It is intended for use in work situations where the risk on overpressurisation of the pressure vessels with their valves due to hot environmental conditions is low. It does not apply to apparatus for work and rescue or to diving apparatus.
SANS 55167-1:2011/ EN 15167-1:2006	<i>Ground granulated blast furnace slag for use in concrete, mortar and grout – Part 1: Definitions, specifications and conformity criteria.</i> Specifies requirements for the chemical and physical properties as well as quality control procedures for ground granulated blast furnace slag for use as a type II addition in the production of concrete, including in particular cast-in-situ or prefabricated structural concrete conforming to EN 206-1.
SANS 55167-2:2011/ EN 15167-2:2006	<i>Ground granulated blast furnace slag for use in concrete, mortar and grout – Part 2: Conformity evaluation.</i> Specifies the scheme for the evaluation of conformity of ground granulated blast furnace slag according to EN 15167-1 (published in South Africa as an identical adoption under the designation SANS 55167-1).
SANS 60269-6:2011/ IEC 60269-6:2010	<i>Low-voltage fuses – Part 6: Supplementary requirements for fuse-links for the protection of solar photovoltaic energy systems.</i> Applicable to fuse-links for protecting photovoltaic strings and photovoltaic arrays in equipment for circuits of nominal voltages up to 1 500 V d.c.
SANS 60317-29:2011/ IEC 60317-29:1990	<i>Specifications for particular types of winding wires – Part 29: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular copper wire, class 200.</i> Specifies requirements of enamelled rectangular copper winding wire of class 200 with a dual coating. The underlying coating is based on polyester or polyesterimide resin, which may be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements. The superimposed coating is based on polyamide-imide resin.
SANS 60335-2-109:2011/ IEC 60335-2-109:2010	<i>Household and similar electrical appliances – Safety – Part 2-109: Particular requirements for UV radiation water treatment appliances.</i> Deals with the safety of UV radiation water treatment appliances for household and similar purposes, their rated voltage not being more than 250 V.
SANS 60974-9:2011/ IEC 60974-9:2010	<i>Arc welding equipment – Part 9: Installation and use.</i> Applicable to the installation and use of equipment for arc welding and allied processes designed in accordance with safety requirements of IEC 60974-1, IEC 60974-6 or equivalent (IEC 60974-1 and IEC 60974-6 have been published in South Africa as identical adoptions under the designations SANS 60974-1 and SANS 60974-6).
SANS 61029-2-12:2011/ IEC 61029-2-12:2010	<i>Safety of transportable motor-operated electric tools – Part 12: Particular requirements for threading machines.</i> Applies to machines for creating external threads that either rotate the work piece or the cutting head.

Standard No. and year	Title, scope and purport
SANS 62368-1:2011/ IEC 62368-1:2010	<i>Audio/video, information and communication technology equipment – Part 1: Safety requirements.</i> Applicable to the safety of electrical and electronic equipment within the field of audio, video, information and communication technology, and business and office machines with a rated voltage not exceeding 600 V.
SATS 80004-3:2011/ ISO/TS 80004-3:2010	<i>Nanotechnologies – Vocabulary – Part 3: Carbon nano-objects. Lists terms and definitions related to carbon nano-objects in the field of nanotechnologies. It is intended to facilitate communications between organizations and individuals in industry and those who interact with them.</i>

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 29:2011 (SABS 29:2004)	<i>Articles made of precious metals.</i> Specifies the range of fineness and the composition of precious metals, and lays down requirements for the marking of articles made of precious metals.
SANS 94-1:2003/ EN 1492-1:2000	<i>Textile slings – Safety – Part 1: Flat woven webbing slings, made of man-made fibres, for general purpose use. EN amendment No. 1.</i> Amended to add requirements for marking and the manufacturer's certificate, and to add two new annexes on the relationship between this standard and the essential requirements of EU Directive 98/37/EC and the relationship between this standard and the essential requirements of EU Directive 2006/42/EC, respectively. <i>EN corrigendum No. 1.</i> Corrected to change the figure on typical label format.
SANS 94-2:2003/ EN 1492-2:2000	<i>Textile slings – Safety – Part 2: Roundslings made of man-made fibres for general purpose use. EN amendment No. 1.</i> Amended to add requirements for marking and the manufacturer's certificate, and to add two new annexes on the relationship between this standard and the essential requirements of EU Directive 98/37/EC and the relationship between this standard and the essential requirements of EU Directive 2006/42/EC, respectively. <i>EN corrigendum No. 1.</i> Corrected to change figures on typical label format and typical methods of attachment of label.
SANS 216-2-1:2011/ CISPR 16-2-1:2010 (Ed. 2.1)	<i>Specification for radio disturbance and immunity measuring apparatus and methods – Part 2-1: Methods of measurement of disturbances and immunity – Conducted disturbance measurements. Consolidated edition incorporating amendment No. 1.</i> Amended to add new specifications as a result of the inclusion of FFT-based measuring instrumentation, and a new annex F as a result of provisions on the use of spectrum analyzers for compliance measurements recently introduced in CISPR 16-1-1 (published in South Africa as an identical adoption under the designation SANS 216-1-1).
SANS 319:2011/ OIML R 125:1998 (Ed. 1.1)	<i>Measuring systems – Cryogenic liquid and other selected liquefied gases in vertical tanks – Pressure differential method. Consolidated edition incorporating amendment No. 1.</i> Amended to change the title and all references to "liquid gas" to read "liquefied gas", and to state that this document is referenced in legislation.
SANS 348:2011 (Ed. 1.2)	<i>Safety surgical scalpels, sterile packed for single-use. Consolidated edition incorporating amendment No. 2.</i> Amended to update a referenced standard.
SANS 494-1:2011	<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.
SANS 547:2011/ ISO 5173:2009	<i>Destructive tests on welds in metallic materials – Bend tests.</i> Specifies a method for making transverse root, face and side bend tests on test specimens taken from butt welds, butt welds with cladding and cladding without butt welds in order to assess ductility or absence of imperfections (or both) on or near the surface of the joint. Specifies a method for making longitudinal root and face bends tests to be used instead of transverse bend tests for heterogeneous assemblies when base materials or filler metal (or both) have a significant difference in their physical and mechanical properties in relation to bending. Applies to materials in all forms of product with welded joints made by any fusion arc welding process.
SANS 550-1:2011 (Ed. 3.2)	<i>Wooden ladders – Part 1: General requirements and methods of test. Consolidated edition incorporating amendment No. 2.</i> Amended to update normative references and to remove reference to the standardization mark scheme.
SANS 657-1:2011 (Ed. 3.3)	<i>Steel tubes for non-pressure purposes – Part 1: Sections for scaffolding, general engineering and structural applications. Consolidated edition incorporating amendment No. 3.</i> Amended to update referenced standards, modify the requirements for structural hollow sections, change the minimum steel grade and expansion of size range for structural tube, include a new table on the mechanical properties for the tube used in structural applications and renumber and modify the tables accordingly.
SANS 664-3:2011 (Ed. 1.1)	<i>Wedge gate and resilient seal valves for waterworks – Part 3: Resilient seal valves. Consolidated edition incorporating amendment No. 1.</i> Amended to update definitions.
SANS 665-1:2011 (Ed. 1.1)	<i>Wedge gate and resilient seal valves for general purposes – Part 1: General. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, tables and figures.
SANS 665-3:2011 (Ed. 1.1)	<i>Wedge gate and resilient seal valves for general purposes – Part 3: Resilient seal valves. Consolidated edition incorporating amendment No. 1.</i> Amended to insert a definition for gate seat faces, to update the numbering of definitions, to include a reference, to change the procedure of the endurance test, and to add the requirement of interval batch testing to Annex A.
SANS 1063:2011 (Ed. 3.1)	<i>Earth rods, couplers and connections. Consolidated edition incorporating amendment No. 1.</i> Amended to update a referenced standard.

Standard No. and year	Title, scope and purport
SANS 1174:2011 (Ed. 2.2)	<i>Bains-marie and hot cupboards. Consolidated edition incorporating amendment No. 2.</i> Amended to update a referenced standard.
SANS 1248:2011 (SABS 1248:1988)	<i>Devices to prevent the unauthorized use of motor vehicles (anti-theft devices).</i> Covers devices that are designed to prevent the unauthorized use of categories M1 and N1 motor vehicles, with or without bodywork, that are intended for use on public roads and that have a maximum design speed exceeding 25 km/h, but excludes vehicles that run on rails, agricultural tractors and machinery, and engineering plant.
SANS 1381-6:2011 (SABS 1381-6:1994)	<i>Materials for thermal insulation of buildings – Part 6: Cellulose loose fill thermal insulation material.</i> Specifies the characteristics of cellulose loose fill thermal insulation material that is intended for installation in ventilated roof spaces of buildings by blowing or by manual pouring. Does not address the method of installation of the insulation.
SANS 1453:2011 (Ed. 1.4)	<i>Copper tubes for medical gas and vacuum services. Consolidated edition incorporating amendment No. 4.</i> Amended to update a referenced standard.
SANS 1518:2011 (SABS 1518:2008)	<i>Transport of dangerous goods – Design, construction, testing, approval and maintenance of road vehicles and portable tanks.</i> Establishes requirements for the design, construction, testing, approval and maintenance of road vehicles and portable tanks used for the transport of dangerous goods.
SANS 1555:2011 (Ed. 2.1)	<i>Roadworks delineators. Consolidated edition incorporating amendment No. 1.</i> Amended to change the class grade of the reflective material and the signblade height.
SANS 1655:2011 (Ed. 1.2)	<i>Welding of thermoplastics – Welding rods, fillers and solvents. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards and to modify table 1.
SANS 1888:2011 (Ed. 1.2)	<i>Incandescent lamps for traffic signal lights. Consolidated edition incorporating amendment No. 2.</i> Amended to update a referenced standard and to include the energy labelling of lamps.
SANS 2001-DP1:2011 (Ed. 1.1)	<i>Construction works – Part DP1: Earthworks for buried pipelines and prefabricated culverts. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 2081:2011/ ISO 2081:2008 (SABS ISO 2081:1986)	<i>Metallic and other inorganic coatings – Electroplated coatings of zinc with supplementary treatments on iron or steel.</i> Specifies requirements for electroplated coatings of zinc with supplementary treatments on iron or steel. It includes information to be supplied by the purchaser to the electroplater, and the requirements for heat treatment before and after electroplating.
SANS 2082:2011/ ISO 2082:2008 (SABS ISO 2082:1986)	<i>Metallic and other inorganic coatings – Electroplated coatings of cadmium with supplementary treatments on iron or steel.</i> Specifies the requirements of electroplated coatings of cadmium with supplementary treatments on iron and steel. It includes information that is to be supplied by the purchaser to the electroplater, and describes coating requirements, including those for heat treatment before and after electroplating.
SANS 2135:2011/ ISO 2135:2010 (SABS ISO 2135:1984)	<i>Anodizing of aluminium and its alloys – Accelerated test of light fastness of coloured anodic oxidation coatings using artificial light.</i> Specifies an accelerated test method for assessing the fastness, using artificial light, of coloured anodic oxidation coatings on aluminium and its alloys.
SANS 3001-GR2:2011 (Ed. 1.1)	<i>Civil engineering test methods – Part GR2: Dry preparation and dry particle size analysis of gravels and sands. Consolidated edition incorporating amendment No. 1.</i> Amended to change the title, to update the scope, to update referenced standards, to delete a definition, to change a sieve aperture in the clause on apparatus, to change a sieve aperture in the clause on the procedure for dry sieving of material retained on the 20 mm sieve, and to change a sieve aperture in the tables on the reduction of the coarse fraction masses and the conversion of the fractions retained on the sieve.
SANS 3001-PR5:2011 (Ed. 1.1)	<i>Civil engineering test methods – Part PR5: Computation of soil-mortar percentages, coarse sand ratio, grading modulus and fineness modulus.</i> Describes the calculation of various relationships based on the particle size distribution of materials.
SANS 3574:2011/ ISO 3574:2008 (SABS ISO 3574: 2003)	<i>Cold-reduced carbon steel sheet of commercial and drawing qualities.</i> Applies to cold-reduced carbon steel sheet of commercial and drawing qualities. It is suitable for applications where the surface is of prime importance.
SANS 3580:2011/ ISO 3580:2010 (SABS ISO 3580:2006)	<i>Welding consumables – Covered electrodes for manual metal arc welding of creep-resisting steels – Classification.</i> Specifies requirements for the classification of covered electrodes, based on the all-weld metal in the heat-treated condition, for manual arc welding of ferritic and martensitic creep-resisting and low alloy elevated temperature steels. The classification is based on the chemical composition of the all-weld metal, with requirements for the yield strength and average impact energy of 47 J of all-weld metal, or utilizing a system based on the tensile strength and the chemical composition of all-weld metal.
SANS 4063:2011/ ISO 4063:2009 (SABS ISO 4063:2005)	<i>Welding and allied processes – Nomenclature of processes and reference numbers.</i> Establishes a nomenclature, with reference numbers, for welding and allied processes.
SANS 4521:2011/ ISO 4521:2008 (SABS ISO 4521:1985)	<i>Metallic and other inorganic coatings – Electrodeposited silver and silver alloy coatings for engineering purposes – Specification and test methods.</i> Specifies requirements for electrodeposited silver and silver alloy coatings for electrical, electronic and other engineering applications, including test methods. Engineering applications are defined as those in which the coating essentially serves a non-decorative purpose.
SANS 5221:2011 (Ed. 4.4)	<i>Microbiological analysis of water – General test methods. Consolidated edition incorporating amendment No. 3.</i> Amended to update a referenced standard.
SANS 6520-1:2011/ ISO 6520-1:2007	<i>Welding and allied processes – Classification of geometric imperfections in metallic materials – Part 1: Fusion welding.</i> Serves as the basis for a precise classification and description of weld imperfections.

Standard No. and year	Title, scope and purport
SANS 9308-1:2004/ ISO 9308-1:2000	<i>Water quality – Detection and enumeration of Escherichia coli and coliform bacteria – Part 1: Membrane filtration method. ISO Corrigendum No. 1.</i> Corrected to replace the scope, the definition for lactose-positive bacteria (3.1), the last four paragraphs on incubation and differentiation (8.3), and the subclause on oxidase reagent (B.5.3).
SANS 10064:2001 (Ed. 3.1)	<i>The preparation of steel surfaces for coating. Consolidated edition incorporating amendment No. 1.</i> Amended to remove all references made to chromic acid, to add the new subclauses on cleaning methods that employ water, and to update the name of an airport.
SANS 10111-3:2011 (Ed. 1.1)	<i>Engineering drawings – Part 3: Guidelines for the interpretation and verification methods of geometrical tolerancing (Equivalent to ISO TR 5460:1985). Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to modify the title.
SANS 10119:2011 (Ed 2.2)	<i>Reduction of explosion hazards presented by electrical equipment – Segregation, ventilation and pressurization. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to update referenced standards, to move references to legislation to the foreword, to update the requirements for artificial ventilation for the protection of analyser(s) houses, and to update the requirements for the construction and use of rooms or buildings protected by pressurization.
SANS 10208-4:2011 (SABS 0208-4:2001)	<i>Design of structures for the mining industry – Part 4: Shaft system structures.</i> Defines the loads and load combinations to be adopted and specifies the design procedures to be used for the design of shaft system structures in both vertical and decline shafts. Includes buntons and guides, station structures, rock loading structures, brattice walls, conveyance and vehicle arresting structures, pipe supports, rope guide anchor supports and box fronts.
SANS 10244-2:2010/ EN 10244-2:2009	<i>Steel wire and wire products – Non-ferrous metallic coatings on steel wire – Part 2: Zinc and zinc alloy coatings.</i> Specifies the requirement for coating mass, other properties and testing of zinc and zinc alloy coatings on steel wire and steel wire products of circular or other section.
SANS 10270:2011 (Ed. 1.2)	<i>Welding of thermoplastics – Approval of welding procedures and welds. Consolidated edition incorporating amendment No. 2.</i> Amended to change the definition of "inspector" and "non-destructive testing agent" and to update referenced standards.
SANS 10400-K:2011 (SABS 0400:1990)	<i>The application of the National Building Regulations – Part K: Walls.</i> Establishes deemed-to-satisfy solutions for rain penetration and damp-proofing and contains simple design and construction provisions for masonry walls in single-storey and double-storey buildings and framed buildings that do not exceed four storeys; masonry balustrade walls and masonry free-standing boundary, garden and retaining walls.
SANS 10400-Q:2011 (SABS 0400:1990)	<i>The application of the National Building Regulations – Part Q: Non-water-borne means of sanitary disposal.</i> Establishes requirements for non-water-borne means of sanitary disposal and provides simple design and construction requirements for closets, chemical toilets and ventilated improved pit toilets.
SANS 10400-T:2011 (SABS 0400:1990)	<i>The application of the National Building Regulations – Part T: Fire protection.</i> Establishes requirements for the protection and safe evacuation of building occupants and users in case of fire, fire suppression and spread within and to other buildings, and external and internal fire behaviour of the building envelope in relation to the degree of fire resistance and emission of smoke and toxic gases.
SANS 10400-W:2011 (SABS 0400:1990)	<i>The application of the National Building Regulations – Part W: Fire installation.</i> Establishes requirements for communication pipes, water meters, isolating valves and the design of fire installations.
SANS 10684:2011/ ISO 10684:2004	<i>Fasteners – Hot dip galvanized coatings. ISO Corrigendum No. 1.</i> Corrected to modify table 1.
SANS 14001:2005/ ISO 14001:2004 (SABS ISO 14001:2004)	<i>Environmental management systems – Requirements with guidance for use. ISO corrigendum No. 1.</i> Corrected to change the publication dates of certain referenced standards, and to replace the tables on correspondence between ISO 14001:2004 (published in South Africa as an identical adoption under the designation SANS 14001) and ISO 9001:2008 (published in South Africa as an identical adoption under the designation SANS 9001), and correspondence between ISO 9001:2008 and ISO 14001:2004.
SANS 19757-4:2010/ ISO/IEC 19757-4:2006	<i>Information technology – Document Schema Definition Languages (DSDL) – Part 4: Namespace-based Validation Dispatching Language (NVDL). ISO/IEC corrigendum No. 1.</i> Corrected to include the full and simple syntax of NVDL, and describes conformance requirements for the NVDL dispatcher.
SANS 50450-1:2011/ EN 450-1:2007	<i>Fly ash for concrete – Part 1: Definition, specifications and conformity criteria. EN amendment No. 1.</i> Amended to update referenced standards, to change chemical requirements, table 5 and the requirements for Annex C
SANS 50934-6:2011/ EN 934-6:2001	<i>Admixtures for concrete, mortar and grout – Part 6: Sampling, conformity control and evaluation of conformity. EN amendment No. 1.</i> Amended to add terms and definitions, modified sampling requirements, conformity control, the certification of factory production control requirements, and changed recommendations on the certification of factories and the calibration of measuring equipment.
SANS 53263-1:2011/ EN 13263-1:2005	<i>Silica fume for concrete – Part 1: Definitions, requirements and conformity criteria. EN amendment No. 1.</i> Amended to update referenced standards, to add a definition and to change requirements for the content of silicon dioxide in a new class 2.
SANS 53263-2:2011/ EN 3263-2:2005	<i>Silica fume for concrete – Part 2: Conformity evaluation. EN amendment No. 1.</i> Amended to update referenced standards, to add a definition and to delete a section on internal quality control requirements.
SANS 60034-18-33:2011/ IEC/TS 60034-18-33:2010 (SABS IEC 60034-18-33:1995)	<i>Rotating electrical machines – Part 18-33: Functional evaluation of insulation systems – Test procedures for form-wound windings – Multifactor evaluation by endurance under simultaneous thermal and electrical stresses.</i> Describes procedures for evaluation of insulation systems by endurance testing where thermal and electrical stresses are applied simultaneously. The procedures are intended for insulation systems used, or proposed to be used, in a.c. electrical machines using form-wound windings.

Standard No. and year	Title, scope and purport
SANS 60060-1:2011/ IEC 60060-1:2010 (SABS IEC 60060-1:1989)	<i>High-voltage test techniques – Part 1: General definitions and test requirements.</i> Applies to dielectric tests with direct voltage, dielectric tests with alternating voltage, dielectric tests with impulse voltage, and dielectric tests with combinations of these. Applicable to tests on equipment having its highest voltage for equipment Um above 1 kV.
SANS 60252-1:2011/ IEC 60252-1:2010	<i>AC motor capacitors – Part 1: General – Performance, testing and rating – Safety requirements – Guidance for installation and operation.</i> Applies to motor capacitors intended for connection to windings of asynchronous motors supplied from a single-phase system having a frequency up to and including 100 Hz, and to capacitors to be connected to three-phase asynchronous motors so that these motors may be supplied from a single-phase system.
SANS 60269-6:2011/ IEC 60269-6:2010	<i>Low-voltage fuses – Part 6: Supplementary requirements for fuse-links for the protection of solar photovoltaic energy systems. IEC corrigendum No. 1.</i> Corrected to insert a note on verification of conventional non-fusing and fusing current.
SANS 60317-29:2011/ IEC 60317-29:1990	<i>Specifications for particular types of winding wires – Part 29: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular copper wire, class 200. IEC amendment No. 1.</i> Amended to delete the clause on high temperature failure. <i>IEC amendment No. 2.</i> Amended to update a referenced standard, to change requirements for cut-through, to refer to appearance and a pin hole test, and to do editorial changes.
SANS 60335-2-13:2011/ IEC 60335-2-13:2009 (SABS IEC 60335-2-13:2008)	<i>Household and similar electrical appliances – Safety – Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances.</i> Deals with the safety of electric deep fat fryers having a recommended maximum quantity of oil not exceeding 5 l, frying pans, woks and other appliances in which oil is used for cooking and intended for household use and similar use, their rated voltage being not more than 250 V.
SANS 60335-2-25:2011/ IEC 60335-2-25:2010 (SABS IEC 60335-2-25:2006)	<i>Household and similar electrical appliances – Safety – Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens.</i> Deals with the safety of microwave ovens for household and similar use, their rated voltage being not more than 250 V. Also deals with combination microwave ovens and microwave ovens intended to be used on board ships.
SANS 61010-1:2011/ IEC 61010-1:2010 (SABS IEC 61010-1:2004)	<i>Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 1: General requirements.</i> Specifies general safety requirements for the following types of electrical equipment and their accessories, wherever they are intended to be used, electrical test and measurement equipment, industrial process-control equipment and electrical laboratory equipment.
SANS 61243-3:2011/ IEC 61243-3:2009 (SABS IEC 61243-3:1998)	<i>Live working – Voltage detectors – Part 3: Two-pole low-voltage type.</i> Applicable to hand-held two-pole voltage detectors with accessories (crocodile clips and detachable leads) to be used in contact with parts of electrical systems.
SANS 62271-101:2011/ IEC 62271-101:2010 (Ed. 1.1)	<i>High-voltage switchgear and controlgear – Part 101: Synthetic testing. Consolidated edition incorporating amendment No. 1.</i> Amended to change a referenced standard and a table, to include references to guidelines and requirements covered elsewhere in the standard, and to include typical test circuits for metal-enclosed and dead tank circuit-breakers.

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 42:1965	<i>Verification of pendulum impact testing machines for testing steels.</i>
SANS 310-1:2007	<i>Storage tank facilities for hazardous chemicals – Part 1: Above-ground storage tank facilities for non-flammable chemicals.</i>
SANS 5010:1975	<i>Limit of alkalinity of glass containers for pharmaceutical products.</i>
SANS 5014:1987	<i>Heavy metals in pharmaceutical solutions, limit test.</i>
SANS 5018:1975	<i>Dextrose content of solutions.</i>
SANS 5019:1975	<i>Visible suspended matter and sediment in pharmaceutical products.</i>
SANS 5063:1975	<i>Potassium chloride content of solutions.</i>
SANS 5064:1975	<i>Anticoagulant acid citrate dextrose solution, identification of.</i>
SANS 5067:1975	<i>Citric acid content of pharmaceutical products.</i>
SANS 6030:2005	<i>Gap-joint test pieces for testing wood adhesives.</i>
SANS 6892:1998	<i>Metallic materials – Tensile testing at ambient temperature.</i>
SANS 15223:2006	<i>Medical devices – Symbols to be used with medical device labels, labeling and information to be supplied.</i>
SANS 50060:1989	<i>Power sources for manual arc welding with limited duty.</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.
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