

DEPARTMENT OF TRADE AND INDUSTRY

No. 347

7 May 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 2531:2010/ ISO 2531:2009	<i>Ductile iron pipes, fittings, accessories and their joints for water applications.</i> Specifies the requirements and test methods applicable to ductile iron pipes, fittings, accessories and their joints for the construction of pipelines.
SANS 7005-1:2010/ ISO 7005-1:1988	<i>Metallic flanges – Part 1: Steel flanges.</i> Specifies requirements for circular steel flanges.
SANS 7005-2:2010/ ISO 7005-2:1988	<i>Metallic flanges – Part 2: Cast iron flanges.</i> Specifies requirements for circular grey, malleable and ductile cast iron flanges.
SANS 7483:2010/ ISO 7482:1991	<i>Dimensions of gaskets for use with flanges to ISO 7005.</i> Specifies the dimensions of gaskets for use in conjunction with flanges.
SANS 8179-1:2010/ ISO 8179-1:2004	<i>Ductile iron pipes – External zinc-based coating – Part 1: Metallic zinc with finishing layer.</i> Deals with an external protective coating system which is factory applied to centrifugally cast ductile iron pipes.
SANS 8179-2:2010/ ISO 8179-2:1995	<i>Ductile iron pipes – External zinc coating – Part 2: Zinc rich paint with finishing layer.</i> Deals with a factory-applied protective external coating system for centrifugally cast ductile iron pipes.
SANS 8180:2010/ ISO 8180:2006	<i>Ductile iron pipelines – Polyethylene sleeving for site application.</i> Specifies the characteristics of polyethylene film, commonly called sleeving, used as additional protection against corrosion for ductile iron pipelines, particularly when laid in aggressive soil conditions.
SANS 9349:2010/ ISO 9349:2004	<i>Preinsulated ductile iron pipeline systems.</i> Specifies the requirements and test methods applicable to preinsulated ductile iron pipes, fittings, accessories and their joints for the construction of pipelines.
SANS 10802:2010/ ISO 10802:1992	<i>Ductile iron pipelines – Hydrostatic testing after installation.</i> Specifies site hydrostatic acceptance tests for installed pressure and non-pressure ductile iron pipelines used for conveying water and other liquids. It does not cover pipelines for gas.
SANS 10803:2010/ ISO 10803:1999	<i>Design method for ductile iron pipes.</i> Covers the design of ductile iron pipes used for conveying water, sewage and other fluids.
SANS 10804-1:2010/ ISO 10804-1:1996	<i>Restrained joint systems for ductile iron pipelines – Part 1: Design rules and type testing.</i> Specifies design rules for restrained joint systems to be used on ductile pipelines.
SANS 11064-1:2010/ ISO 11064-1:2000	<i>Ergonomic design of control centres – Part 1: Principles for the design of control centres.</i> Specifies ergonomic principles, recommendations and requirements to be applied in the design of control centres, as well as in the expansion, refurbishment and technological upgrades of control centres. Covers all types of control centres typically employed for process industries, transportation and logistic control systems and people deployment services.
SANS 16132:2010/ ISO 16132:2004	<i>Ductile iron pipes and fittings – Seal coats for cement mortar linings.</i> Specifies the requirements for seal coatings for factory application to the surfaces of cement mortar linings, which are factory applied to the interior of ductile iron pipes and fittings.
SANS 16269-7:2010/ ISO 16269-7:2001	<i>Statistical interpretation of data – Part 7: Median – Estimation and confidence intervals.</i> Specifies the procedures for establishing a point estimate and confidence intervals for the median of any continuous probability distribution of a population, based on a random sample size from the population.
SANS 16269-8:2010/ ISO 16269-8:2004	<i>Statistical interpretation of data – Part 8: Determination of prediction intervals.</i> Specifies methods of determining prediction intervals for a single continuously distributed variable.
SANS 16818:2010/ ISO 16818:2008	<i>Building environment design – Energy efficiency – Terminology.</i> Gives terms and definitions for use in the design of energy-efficient buildings. Applies to new buildings and retrofitted buildings.
SANS 17043:2010/ IEC 17043:2010	<i>Conformity assessment – General requirements for proficiency testing.</i> Specifies general requirements for the competence of providers of proficiency testing schemes and for the development and operation of proficiency testing schemes. These requirements are intended to be general for all types of proficiency testing schemes, and they can be used as a basis for specific technical requirements for particular fields of application.

Standard No. and year	Title, scope and purport
SANS 19757-2:2010/ ISO/IEC 19757-2:2008	<i>Information technology – Document Schema Definition Language (DSDL) – Part 2: Regular-grammar-based validation – RELAX NG.</i> Specifies RELAX NG, a schema language for XML, which specifies a pattern for the structure and content of an XML document.
SANS 19757-3:2010/ ISO/IEC 19757-3:2006	<i>Information technology – Document Schema Definition Languages (DSDL) – Part 3: Rule-based validation – Schematron.</i> Specifies Schematron, a rules-based schema language for XML. Establishes requirements for Schematron schemas and specifies when an XML document matches the patterns specified by a Schematron schema.
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).</i> Specifies a Namespace-based Validation Dispatching Language (NVDL). An NVDL script controls the dispatching of elements or attributes in a given XML document to different validators, depending on the namespaces of the elements or attributes.
SANS 22971:2010/ ISO/TR 22971:2005	<i>Accuracy (trueness and precision) of measurement methods and results – Practical guidance for the use of ISO 5725-2:1994 in designing, implementing and statistically analysing interlaboratory repeatability and reproducibility results.</i> Provides users with practical guidance to the use of ISO 5725-2:1994 (published in South Africa as an identical adoption under the designation SANS 5725-2) and presents simplified step-by-step procedures for the design, implementation, and statistical analysis of inter-laboratory studies for assessing the variability of a standard measurement method and on the determination of repeatability and reproducibility of data obtained in inter-laboratory testing.
SATR 26122:2010/ ISO/TR 26122:2008	<i>Information and documentation – Work process analysis for records.</i> Provides guidance on work process analysis from the perspective of the creation, capture and control of records. Identifies two types of analyses, namely functional analysis (decomposition of functions into processes), and sequential analysis (investigation of the flow of transactions). Each analysis entails a preliminary review of context (i.e. mandate and regulatory environment) appropriate for the analysis. The components of the analysis can be undertaken in various combinations and in a different order from that described here, depending on the nature of the task, the scale of the project, and the purpose of the analysis. Includes guidance in the form of lists of questions/matters to be considered under each element of the analysis.
SANS 29901:2010/ ISO/TR 29901:2007	<i>Selected illustrations of full factorial experiments with four factors.</i> Describes the steps necessary to specify, to use and to analyse full factorial designs through illustration, with five distinct applications of this methodology. Depending on the application, a number of factors other than four may be considered in the experiment.
SANS 53015:2010/ EN 13015:2001	<i>Maintenance for lifts and escalators – Rules for maintenance instructions.</i> Specifies the elements necessary for the preparation of the instructions for the maintenance operations, which are provided for new installed passenger lifts, goods passenger lifts, accessible goods only lifts, service lifts, escalators and passenger conveyors. Does not cover instructions for the installation, dismantling, any legal examinations and tests based on national regulations.
SANS 60839-2-3:2010/ IEC 60839-2-3:1987	<i>Alarm systems – Part 2: Requirements for intruder alarm systems – Section Three: Requirements for infrared-beam interruption detectors in buildings.</i> Specifies the specific requirements and test procedures for infrared-beam interruption detectors to be used in intruder alarm systems installed in buildings.
SANS 60839-2-4:2010/ IEC 60839-2-4:1990	<i>Alarm systems – Part 2: Requirements for intruder alarm systems – Section 4: Ultrasonic Doppler detectors for use in buildings.</i> Gives the specific requirements and test procedures for ultrasonic Doppler detectors for use in intruder alarm systems installed in buildings.
SANS 60839-2-5:2010/ IEC 60839-2-5:1990	<i>Alarm systems – Part 2: Requirements for intruder alarm systems – Section 5: Microwave Doppler detectors for use in buildings.</i> Gives the specific requirements and test procedures for microwave Doppler detectors for use in intruder alarm systems installed in buildings.
SANS 60839-2-6:2010/ IEC 60839-2-6:1990	<i>Alarm systems – Part 2: Requirements for intruder alarm systems – Section 6: Passive infra-red detectors for use in buildings.</i> Gives the specific requirements and test procedures for passive infra-red detectors for use in intruder alarm systems installed in buildings.
SANS 60969:2010/ IEC 60969:2001	<i>Self-ballasted lamps for general lighting services – Performance requirements.</i> Specifies the performance requirements together with the test methods and conditions required to show compliance of tubular fluorescent and other gas-discharge lamps with integrated means for controlling starting and stable operation (self-ballasted lamps) intended for domestic and similar general lighting purposes having a rated wattage up to 60 W, a rated voltage of 100 V to 250 V, and Edison screw or bayonet caps.

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 105-J03:2010/ ISO 105-J03:2009	<i>Textiles – Tests for colour fastness – Part J03: Calculation of colour differences.</i> Provides a method of calculating the colour difference between two specimens of the same material, measured under the same conditions. Also provides a means for establishing the ratio of differences in lightness to chroma and to hue.
SANS 285:2010 (Ed. 3.1)	<i>Calcium silicate masonry units. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation from SABS to SANS, to update referenced standards and the definition of "acceptable", and to delete reference to the certification mark from the text.
SANS 347:2010 (Ed. 1.1)	<i>Categorization and conformity assessment criteria for all pressure equipment. Consolidated edition incorporating amendment No. 1.</i> Amended to expand the scope, update definitions of "assembly" and "unstable gas", update a normative reference, add the abbreviation of "test pressure", modify tables 1, C.2 and C.3, update figures 1 to 10, change requirements for determining hazard categories, add a requirement for product quality assurance for module E2, insert a note, update annex A and replace "AIA" with "certification body" where applicable.

Standard No. and year	Title, scope and purport
SANS 446:2010 (Ed. 4.1)	<i>Absorbent gauze (fabric and swabs) and butter muslin. Consolidated edition incorporating amendment No. 1.</i> Amended to update a referenced standard.
SANS 642:2010 (Ed. 1.2)	<i>Reconstituted flexible polyurethane foams. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards, to add definitions for "acceptable", "block" and "polyurethane foam", to delete the requirements for packing and for compliance, and to modify the requirements for sampling, inspection and methods of test.
SANS 1043:2010 (SABS 1043:1985)	<i>The manufacture of sanitary towels.</i> Covers the manufacturing and performance requirements for four types of sanitary towels for external use.
SANS 1223:2010 (Ed. 2.2)	<i>Fibre-cement pressure pipes and couplings. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards, to modify the recommended design specifications of fibre-cement pipes and couplings of diameter exceeding 1 000 mm and to remove reference to the certification mark.
SANS 1241:2010 (Ed. 2.1)	<i>Aluminium sulfate for general purposes. Consolidated edition incorporating amendment No. 1.</i> Amended to update a referenced standard.
SANS 1372:2010 (Ed. 1.3)	<i>Prefabricated concrete components for fences. Consolidated edition incorporating amendment No. 3.</i> Amended to change the designation of SABS standards to SANS standards, to remove reference to the standardization mark scheme, to update the definition of "acceptable" and to update referenced standards. 3.
SANS 5201:2010 (Ed. 3.2)	<i>Water – Cadmium content. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 5203:2010 (Ed. 3.2)	<i>Water – Copper content. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 5207:2010 (Ed. 3.2)	<i>Water – Iron content. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 5208:2010 (Ed. 3.2)	<i>Water – Lead content. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 5209:2010 (Ed. 3.2)	<i>Water – Manganese content. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 5748:2010 (Ed. 2.1)	<i>Specific surface of cement. Consolidated edition incorporating amendment No. 1.</i> Amended to delete a withdrawn standard.
SANS 10105-1:2010 (Ed. 3.1)	<i>The use and control of fire-fighting equipment – Part 1: Portable and wheeled (mobile) fire extinguishers. Consolidated edition incorporating amendment No. 1.</i> Amended to update the requirements for site inspection, and to add a table for the evaluation of fire classes.
SANS 10105-2:2010 (Ed. 3.1)	<i>The use and control of fire-fighting equipment – Part 2: Fire hose reels and above-ground hydrants. Consolidated edition incorporating amendment No. 1.</i> Amended to change the title and to replace a type of hydrant.
SANS 10313:2010 (Ed. 3.1)	<i>Protection against lightning – Physical damage to structures and life hazard. Consolidated edition incorporating amendment No. 1.</i> Amended to replace the Certificate of Compliance for lightning protection systems by a Lightning protection system installation safety report, to include a Lightning protection system maintenance certificate, to change two definitions and to correct the number of a normative reference and a drawing.
SATR 26122:2010/ ISO/TR 26122:2008	<i>Information and documentation – Work process analysis for records. ISO/TR corrigendum No. 1.</i> Applies to the French text only.
SANS 60269-1:2010/ IEC 60269-1:2009 (Ed. 3.1)	<i>Low-voltage fuses – Part 1: General requirements. Consolidated edition incorporating amendment No. 1.</i> Amended to change the normative references, to add the notes of tables 2,3,11 and 20, to change the note on markings and connections; to amend the text on fuse insulation properties, fuse-link operation, constructional requirements for fuses, resistance to rusting and season cracking, test values for fuse-links (table 13), breaking capacity values for d.c. fuses (table 12) and of a formula for calculating the values of pre-arcing (annex B). To add annex E on requirements for fuse-bases and verification requirements, and to effect editorial changes.
SANS 60335-2-95:2010/ IEC 60335-2-95:2008 (Ed. 2.2)	<i>Household and similar electrical appliances – Safety – Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use. Consolidated edition incorporating amendment No. 2.</i> Amended to change the introduction and to add a reference in the bibliography.
SANS 60350:2010/ IEC 60350:2009 (Ed. 1.2)	<i>Electric cooking ranges, hobs, ovens and grills for household use – Methods for measuring performance. Consolidated edition incorporating amendment No. 2.</i> Amended to add a reference on standby power, to replace text on general conditions for measurements, dimensions and mass, to change annexes B and C and to add a referenced standard to the bibliography.
SANS 60947-5-1:2010/ IEC 60947-5-1:2009 (Ed. 3.1)	<i>Low-voltage switchgear and controlgear – Part 5-1: Control circuit devices and switching elements – Electromechanical control circuit devices. Consolidated edition incorporating amendment No. 1.</i> Amended to change the foreword, the scope and object, the titles of the annexes and of the tables on the contents page, and of annex D; to replace the normative references and the table on immunity tests (table H.1); to update constructional and performance requirements (annexes J,K and L); to add a new annex on terminal marking (annex M) and to effect editorial changes.
SANS 60969:2010/ IEC 60969:2001	<i>Self-ballasted lamps for general lighting services – Performance requirements. IEC amendment No. 1.</i> Amended to change the definition of "self-ballasted lamp". <i>IEC amendment No. 2.</i> Amended to change the requirements for lamp wattage.

Standard No. and year	Title, scope and purport
SANS 61243-1:2010/ IEC 61243-1:2009 (Ed. 2.1)	<i>Live working – Voltage detectors – Part 1: Capacitive type to be used for voltages exceeding 1 kV a.c.. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards; to change the terms and definitions, the functional requirements and the minimum lengths of the insulating elements of voltage detectors; to add an item of marking, test procedures and a new table on the classification of defects in annex D.
SANS 62384:2008/ IEC 62384:2006	<i>DC or AC supplied electronic control gear for LED modules – Performance requirements. IEC amendment No. 1.</i> Amended to replace figures in the test for the measurement of

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 105-F:1983	<i>Textiles – Tests for colour fastness – Part F: Standard adjacent fabrics.</i>
SANS 268:1975	<i>Wooden handles for beater picks, mattocks, and picks.</i>
SANS 269:2008	<i>Wooden handles for forks, shovels, and spades.</i>
SANS 573:2008	<i>Wooden handles for axes.</i>
SANS 672:2008	<i>Wooden handles for hatchets.</i>
SANS 692:2008	<i>Wooden handles for universal type picks.</i>
SANS 1354:2008	<i>Screwdrivers for cross-recessed-head screws.</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.