

DEPARTMENT OF TRADE AND INDUSTRY

NOTICE 706 OF 2017

STANDARDS ACT, 2008
STANDARDS MATTERS

In terms of the Standards Act, 2008 (Act No. 8 of 2008), the Board of the South African Bureau of Standards has acted in regard to standards in the manner set out in the Schedules to this notice.

SECTION A: DRAFTS FOR COMMENTS

The following draft standards are hereby issued for public comments in compliance with the norm for the development of South Africa National standards in terms of section 23(2)(a) (ii) of the Standards Act.

Draft Standard No. and Edition	Title, scope and Purpose	Closing Date
SANS 184:2017 Ed 2	<i>The determination of peeling load of direct moulded footwear.</i> Specifies a method for the determination of the peeling load of direct moulded footwear.	2017-10-10
SANS 347:2017 Ed 3	<i>Categorization and conformity assessment criteria for all pressure equipment.</i> Specifies the criteria to be used for the categorization and conformity assessment of pressure equipment (metallic and non-metallic) for use by but not limited to the manufacturer, users, certification bodies, approved inspection authorities, importers and assemblers.	2017-10-18
SANS 1761:2017 Ed 1	<i>Safes for domestic use.</i> Specifies requirements for safes for domestic use.	2017-10-23
SANS 8006-1:2017 Ed 1	<i>Code of practice for strengthened/reinforced soils and other fills.</i> Contains recommendations and guidance for the application of reinforcement techniques to soils, as fill or in situ, and to other fills.	2017-10-17
SANS 80000-4:2017 Ed.1	<i>Quantities and units - Part 4: Mechanics.</i> Specifies the names, symbols and definitions for quantities and units of classical mechanics. Where appropriate, conversion factors are also given	2017-09-13
SANS 22322:2017 Ed 1	<i>Societal security - Emergency management - Guideline for public warning.</i> Provides guidelines for developing, managing, and implementing public warning before, during, and after incidents	2017-10-18
SANS 60601-1-11 Ed 2	<i>Medical electrical equipment Part 1-11: General requirements for basic safety and essential performance - Collateral Standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment</i>	2017-10-23

SCHEDULE A.2: AMENDMENT OF EXISTING STANDARDS

The following draft amendments are hereby issued for public comments in compliance with the norm for the development of South Africa National standard in terms of section 23(2)(a) (ii) of the Standards Act.

Draft Standard No. and Edition	Title, scope	Scope of amendment	Closing Date
SANS 164-6:2017 Ed 1.4	<i>Plug and socket-outlet systems for household and similar purposes for use in South Africa Part 6: Two-pole systems, 16 A 250 V a.c., for connection of class II equipment</i>	Amended to introduce reference standards and to update dimensions on standard sheet 6-1 and 6-2.	2017-09-05

SANS 10142-2 Ed 1.2	<i>The wiring of premises Part 2: Medium-voltage installations above 1 kV a.c. not exceeding 22 kV a.c. and up to and including 3 MVA installed capacity.</i>	Amended to update a reference standard.	2017-10-23
SANS 10400-F:2017 Ed 3.1	<i>The application of the National Building Regulations Part F: Site operations.</i>	Amended to delete the acknowledgement, to delete the note to the scope, to update normative references, to update the general requirements, and to delete the annex on National Building Regulations - Part F: Site operations.	2014-10-28
SANS 10400-Q:2017 Ed 3.1	<i>The application of the National Building Regulations Part Q: Non-water-borne means of sanitary disposal..</i>	Amended to delete the acknowledgement, to update the foreword and the contents page, to delete the note to the scope, to update normative references, to update the definitions, to update the general requirements, and to delete the annex on National Building Regulations - Part Q: Non-water-borne means of sanitary disposal	2014-10-28
SANS 60335-1:2017 Ed 3.2	<i>Household and similar electrical appliances - Safety Part 1: General requirements.</i>	Amended to add information to the foreword, to modify the requirements in the scope, to update reference standards, to add detachable power supply part definition, to add class III construction requirement to general conditions for the tests, to add requirement to classification, to revise marking and instructions, to requirement to protection against access to live parts, to modify requirements to leakage current and electric strength at operating temperature, to modify requirements in abnormal operation, to revise requirements in construction, to replace P2 with S2 and S3 in components, to add requirements to supply connection and external flexible cords, to add figure 13 (Small parts cylinder), to modify requirements in annex B (normative), to revise requirements in annex P, and to add annex T (normative).	2017-10-23
SANS 60335-2-9 Ed 5.2	<i>Household and similar electrical appliances - Safety Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances.</i>	Amended to update the referenced standards, the heading for terms and definitions clause, the subclause on general conditions for the tests, the subclause on marking and instructions, the subclause on protection against access to live parts, the subclause on heating requirements, the subclause on abnormal operation and the subclause on mechanical strength.	2017-10-23
SANS 60335-2-13 Ed.3.1	<i>Household and similar electrical appliances - Safety Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances</i>	Amended to update the heading for the terms and definitions clause, the subclause on construction, and to update the referenced standards.	2017-10-23

SCHEDULE A.3: WITHDRAWAL OF SOUTH AFRICAN NATIONAL STANDARDS

In terms of section 24(1)(C) of the Standards Act, the following published standards are issued for comments with regard to the intention by the SABS to withdrawn them.

Draft Standard No. and Edition	Title	Reason for withdrawal	Closing Date

SCHEDULE A.5: WITHDRAWAL OF INFORMATIVE AND NORMATIVE DOCUMENTS

In terms of section 24(5) of the Standards Act, the following documents are being considered for withdrawal.

Draft Standard No. and Edition	Title	Reason for withdrawal	Closing Date

SECTION B: ISSUING OF SOUTH AFRICAN NATIONAL STANDARDS

SCHEDULE B.1: NEW STANDARDS

The following standards have been issued in terms of section 24(1)(a) of the Standards Act.

Standard No. and year	Title, scope and purport
SANS 1251:2017 Ed.3	<i>Engine cooling system protectors.</i> Covers glycol-type compounds which, when added at adequate concentrations to water in engine cooling systems, provide protection against corrosion, lower the freezing point, and raise the boiling point of the resultant coolant.
SANS 1329-4:2017 Ed 4	<i>Retro-reflective and fluorescent warning signs for road vehicles Part 4: Retro-reflective chevron signs and decals.</i> Specifies requirements for retro-reflective chevron signs that incorporate a substrate and chevron decals that are intended for use on motor vehicles that operate on public roads.
SANS 1687:2017 Ed1	<i>Domestic air source water heating heat pump systems.</i> Specifies the requirements for domestic air source water heating heat pump systems, for use with or incorporating storage tanks that fall within the scope of SANS 151 up to 450 L for operation of AC supplies at voltage not exceeding 250 V single phase.
SANS 1731:2017 Ed 1	<i>Polyethylene storage tanks for water and chemicals.</i> Specifies requirements for the design and manufacture of polyethylene storage tanks, 2000 litres and greater that are rotationally moulded in one-piece seamless construction.
SANS 1934:2017 Ed 2	<i>Live working - Selection, application and maintenance of portable equipment for earthing or earthing and short-circuiting on medium-voltage and high-voltage electrical systems.</i> Applies to portable earthing equipment, with or without matching connection points, for temporary earthing and short-circuiting of electrically isolated or de-energized a.c. installations of medium or high voltage.
SANS 3534-4 Ed 1	<i>Statistics - Vocabulary and symbols Part 4: Survey sampling.</i> Defines the terms in the field of survey sampling and can be used in the drafting of other standards.
SANS 5646:2017/ E.d 3	<i>Determination of bond strength of rib attachment (stuck-on rib inner soles).</i> Specifies a method for the determination of bond strength of rib attachment (stuck-on rib inner soles).
SANS 7215:2017 Ed.1	<i>Iron ores for blast furnace feedstocks - Determination of the reducibility by the final degree of reduction index.</i> Specifies a method to provide a relative measure for evaluating the extent to which oxygen can be removed from iron ores when reduced under conditions resembling those prevailing in the reduction zone of a blast furnace.
SANS 8968-1:2017/ ISO 8968-1:2016 E.d 2	<i>Milk - Determination of nitrogen content Part 1: Kjeldahl method.</i> Specifies a method for the determination of the nitrogen content and crude protein calculation of milk and milk products by the Kjeldahl principle, using traditional and block digestion methods.
SANS 8968-4:2017/ ISO 8968-4:2016 E.d 2	<i>Milk and milk products -- Determination of nitrogen content -- Part 4: Determination of protein and non-protein nitrogen content and true protein content calculation (Reference method).</i> Specifies a method for the direct and indirect determination of the protein nitrogen content of liquid, whole or skimmed milk.
SANS 13909-2:2017 Ed.2	<i>Hard coal and coke - Mechanical sampling Part 2: Coal - Sampling from moving streams.</i> Specifies procedures and requirements for the design and establishment of mechanical samplers for the sampling of coal from moving streams and describes the methods of sampling used.
SANS 14021:2017 Ed 2	<i>Environmental labels and declarations - Self-declared environmental claims (Type II environmental labelling).</i> Provides guidance to an organization on the establishment, implementation, maintenance and improvement of a robust, credible and reliable environmental management system.
SANS 15693-3:2017 Ed.2	<i>Identification cards - Contactless integrated circuit(s) cards - Vicinity cards Part 3: Anticollision and transmission protocol.</i> Specifies protocol and commands, other parameters required to initialize communications between a vicinity integrated circuit card and a vicinity coupling device, methods to detect and communicate with one card among several cards ("anticollision"), optional means to ease and speed up the selection of one among several cards based on application criteria.
SANS 17034:2017 Ed.1	<i>General requirements for the competence of reference material producers.</i> Specifies general requirements for the competence and consistent operation of reference material producers.
SANS 18404:2017 Ed 1	<i>Quantitative methods in process improvement - Six Sigma - Competencies for key personnel and their organizations in relation to Six Sigma and Lean implementation.</i> Defines the competencies for the attainment of specific levels of competency with regard to Six Sigma in individuals.
SANS 20016:2017 Ed 4	<i>Uniform provisions concerning the approval of I. Safety-belts, restraint systems, child restraint systems and isofix child restraint systems for occupants of power-driven vehicles II. Vehicles equipped with safety-belts, safety-belt reminder, restraint systems, child restraint systems and isofix child restraint systems.</i> Applies to vehicles of category M, N, O, L2, L4, L5, L6, L7 and T, with regard to the installation of safety-belts and restraint systems that are intended for use by persons of adult build occupying forward or rearward-facing seats, safety-belts and restraint systems and are designed for installation in vehicles of category M, N, O, L2, L4, L5, L6, L7 and T, vehicles of category M1 and N1 with regard to the installation of child restraint systems and isofix child restraint systems, and vehicles of category M1 with regard to safety belt reminder.

Standard No. and year	Title, scope and purport
SANS 20058 Ed 1	<i>Uniform provisions concerning the approval of: i. Rear underrun protective devices (rupds) ii. Rehicles with regard to the installation of an rupd of an approved type iii. Vehicles with regard to their rear underrun protection (rup).</i> This Regulation applies to: 1.1.1. PART I: the RUPDs which are intended to be fitted to vehicles of categories N2, N3, 03 and 04; 1/1.1.2. PART II: the installation on vehicles of categories N2, N3, 03 and 04 1/ of RUPDs which have been type approved to Part I of this Regulation; 1.1.3. PART III: vehicles of categories N2, N3, 03 and 04 1/ equipped with an RUPD which has not been separately approved according to Part I of this Regulation or so designed and/or equipped that its component parts can be regarded as totally or partially fulfilling the function of the RUPD.
SANS 50081-22:2017 Ed.1	<i>Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 22: Electric lifts with inclined path.</i> Specifies the safety rules for the construction and installation of permanently installed new electric lifts, with traction or positive drive, serving defined landings levels, having a vehicle designed to convey passengers or passengers and loads, suspended by ropes or chains and travelling in a vertical plan along guide rails that are inclined at an angle of between 15° and 75° in relation to the horizontal. In addition to the requirements of this standard, supplementary requirements should be considered in special cases (potentially explosive atmosphere, extreme climate conditions, seismic conditions, transporting dangerous goods, etc.).
SANS 51176-11:2017 Ed.2	<i>Playground equipment and surfacing Part 11: Additional specific safety requirements and test methods for spatial network.</i> Specifies additional safety requirements for spatial network intended for permanent installation for use by children.
SANS 61058-1:2017 Ed 2	<i>Switches for appliances Part 1: General requirements.</i> Applies to switches intended to control electrical appliances and other equipment for household or similar purpose with a rated voltage not exceeding 480 V and a rated current not exceeding 63 A.
SANS 61347-2-3:2017 Ed 1	<i>Lamp control gear Part 2-3: Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps.</i> Specifies particular safety requirements for electronic control gear for use on a.c. supplies at 50 Hz or 60 Hz up to 1 000 V and/or d.c.
SANS 62264-3:2017 Ed 1	<i>Enterprise-control system integration - Part 3: Activity models of manufacturing operations management</i> Defines activity models of manufacturing operations management that enable enterprise system to control system integration.
SATS 62056-6-9:2017/ IEC/TS 62056-6-9:2016	<i>Electricity metering data exchange - The DLMS/COSEM suite - Part 6-9: Mapping between the Common Information Model message profiles (IEC 61968-9) and DLMS/COSEM (IEC 62056) data models and protocols.</i> Describes how in the utility environment an ERP system or a third party system can exchange information with a metering system.
SATR 60601-4-3:2017 Ed 1	<i>Medical electrical equipment -Part 4-3: Guidance and interpretation - Considerations of unaddressed safety aspects in the third edition of IEC 60601-1 and proposals for new requirements.</i> Contains a series of recommendations developed by an expert working group of IEC subcommittee 62A in response to questions of interpretation of the third edition of IEC 60601-1 (published in South Africa as an identical adoption under the designation SANS 60601-1).

SCHEDULE B.2: AMENDMENTED STANDARDS

The following standards have been amended in terms of section 24(1)(a) of the Standards Act.

Standard No. and year	Title, scope and purport
SANS 371:2017 E.d 1.2	<i>Steel mesh reinforced polyethylene (PE) pipe fittings for water supply. Consolidated edition incorporating amendment No. 2.</i> Amended to update the foreword, the referenced standards, and the subclause on marking.
SANS 506:2017 E,d 1.2	<i>Timber preservative - Alkaline-copper-quaternary type. Consolidated edition incorporating amendment No. 2.</i> Amended to update the requirements for packing and marking, and to remove reference to legislation in the foreword.
SANS 871:2017 Ed 2.1	<i>Boron timber preservatives. Consolidated edition incorporating amendment No. 1.</i> Amended to add the normative references clause and renumber clauses accordingly, to update the requirements for packing and marking, and to add a note on bulk tanker delivery.
SANS 1194:2017 Ed 2.1	<i>Nylon tubing for air-brake applications. Consolidated edition incorporating amendment No. 1.</i> Amended to delete the acknowledgement, and to update referenced standards.
SANS 1339:2017 Ed 5.1	<i>Electric cables - Cross-linked polyethylene (XLPE) insulated cables for rated voltages 3,8/6,6 kV to 19/33 kV. Consolidated edition incorporating amendment No. 1.</i> Amended to modify the requirements for water blocking, and to update the annex on points to be considered by the purchaser (annex B).

Standard No. and year	Title, scope and purport
SANS 1509:2017 Ed 2.2	<i>Flush valves for WC flushing cisterns. Consolidated edition incorporating amendment No. 2.</i> Amended to delete the note to the subclause on timing device.
SANS 1520-3:2017/Ed 2.2	<i>Flexible electric trailing cables for use in mines Part 2: cables with operating voltages of 3,8/6,6 kV to 19/33 Kv.</i> Covers the construction, materials, dimensions and electrical properties of high-voltage flexible electric trailing cables for use in mines and other applications other than mines.
SANS 1808-2:2017 Ed 1.5	<i>Water supply and distribution system components Part 2: Metallic compression type pipe couplings. . Consolidated edition incorporating amendment No. 5.</i> Amended to update referenced standards, and the requirements for bolts and nuts.
SANS 1920:2017 Ed 1.2	<i>Mixtures of copper azole. Consolidated edition incorporating amendment No. 2.</i> Amended to update the requirements for marking.
SANS 10098-2:2017 Ed 2.1	<i>Public lighting Part 2: The lighting of certain specific areas of streets and highways. Consolidated edition incorporating amendment No. 1.</i> Amended to delete the year of publication of a referenced standard, and to move reference to a national authority to the foreword..
SANS 10119:2017 Ed 2.3	<i>Reduction of explosion hazards presented by electrical equipment - Segregation, ventilation and pressurization. Consolidated edition incorporating amendment No. 3.</i> Amended to update the referenced standards and definitions.
SANS 20108:2017 Ed 1.1	<i>Uniform provisions concerning the approval for the production of retreaded pneumatic tyres for motor vehicles and their trailers.</i> Amended to update the scope.
SANS 10400:2017 Ed. 3.1	<i>The application of the National Building Regulations Part V: Space heating. Amended to delete the acknowledgement, to delete the note to the scope, to update definitions, to update the subclause on flue pipes, to add a requirement for chimneys, to update the figure on chimney positions, and to delete the annex on National Building Regulations - Part V: Space heating.</i> Amended to delete the acknowledgement, to delete the note to the scope, to update definitions, to update the subclause on flue pipes, to add a requirement for chimneys, to update the figure on chimney positions, and to delete the annex on National Building Regulations - Part V: Space heating.
SANS 61386-1:2017 Ed 2.1	<i>Conduit systems for cable management Part 1: General requirements.</i> Amended to update the referenced standards, definitions, requirements on marking and documentation, mechanical properties, electrical properties and electromagnetic compatibility, and to add an annex on additional test requirements for conduit systems already complying with IEC 61386-1:2008.

SCHEDULE B.3: WITHDRAWN STANDARDS

In terms of section 24(1)(C) of the Standards Act, the following standards have been withdrawn.

Standard No. and year	Title
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SCHEDULE B.4: ESTABLISHMENT OR DISBANDMENT OF TECHNICAL COMMITTEES

In terms of section 4(2) (l) the SABS has established/disbanded the following technical committees:

Technical Committee No.:	Title	Scope
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SCHEDULE B5: GENERAL NOTICE

Standard No:	Title	Reason
SANS 10339:2017	<i>Underground rail trackwork in mines</i>	Was erroneously issued for withdrawal through public notice. It is hereby notified that this standard remains a South Africa National Standard as per the Standards ACT::2008.

If your organization is interested in participating in these committees, please send an e-mail to Dsscomments@sabs.co.za for more information.

SCHEDULE B6: 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. Gauteng head office, 1 Dr Lategan Road, Groenkloof, Private Bag X191, Pretoria 0001.
2. Western Cape Regional Office, SABS, Liesbeek Park Way, Rosebank, PO Box 615, Rondebosch 7701.
3. Eastern Cape Regional Office, SABS, 30 Kipling Road, cor. Diaz and Kipling Roads, Port Elizabeth, PO Box 3013, North End 6056.
4. KwaZulu-Natal Regional Office, SABS, 15 Garth Road, Waterfall Park, Durban, PO Box 30087, Mayville 4058.