

DEPARTMENT OF TRADE AND INDUSTRY

NOTICE 50 OF 2018

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 the South Africa National standards in terms of section 23(2)(a) (ii) of the Standards Act.

Draft Standard No. and Edition	Title, scope and purport	Closing Date
SANS 1647:2017 Ed 1	<i>Approved market names for South African fish and related seafood species.</i> Covers the customary and accepted market names for species of fish and invertebrates, traded for consumption in South Africa and in addition, refers to the requirements for the addition of new species as they arise.	2018-02-20
SANS 1694:2017 Ed 1	<i>The welfare of dairy cattle.</i> Provides guidance to the owners of dairy cattle and to persons who are in charge of them about the requirements they have to adhere to in order to meet their obligations.	2018-02-20
SANS 60335-2-105:2017/ IEC 60335-2-105:2016 Ed 2	<i>Household and similar electrical appliances – Safety – Part 2-105: Particular requirements for multifunctional shower cabinets . Deals with the safety of electric multifunctional shower cabinets and electric separate multifunctional shower units for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.</i>	2018-02-20
SANS 60335-2-14:2017/ IEC 60335-2-14:2016 Ed 5	<i>Household and similar electrical appliances – Safety Part 2-14: Particular requirements for kitchen machines.</i> Deals with the safety of electric kitchen machines for household and similar purposes, their rated voltage being not more than 250 V. Appliances intended for normal household and similar use and that may also be used by laymen in shops, in light industry and on farms, are within the scope of this standard.	2018-02-20
SANS 62586-1:2017/ IEC 62586-1:2017 Ed 1	<i>Power quality measurement in power supply systems – Part 1: Power quality instruments (PQI).</i> Specifies product and performance requirements for instrument whose functions include measuring, recording and possibly monitoring power quality parameters in power supply systems, and whose measuring methods (class A or class S) are defined in IEC 61000-4-30 (published in South Africa as an identical adoption under the designation SANS 61000-4-30).	2018-02-20
SANS 62561-5:2017/ IEC 62561-5:2017 Ed 2	<i>Lightning protection system components (LPSC) – Part 5: Requirements for earth electrode inspection housings and earth electrode seals.</i> Specifies the requirements and tests for earth electrode inspection housings (earth pit) and earth electrode seals.	2018-02-20
SANS 8082-1:2017/ ISO 8082-1:2009 Ed 1	<i>Self-propelled machinery for forestry – Laboratory tests and performance requirements, for roll-over protective structures – Part 1: General machines.</i> Establishes a consistent, reproducible means of evaluating the force-deflection characteristics of roll-over protective structures (ROPS) on self-propelled forestry machines under static loading, and prescribes performance requirements for a representative specimen under such loading.	2018-02-20
SANS 8082-2:2017/ ISO 8082-2:2011 Ed 1	<i>Self-propelled machinery for forestry – Laboratory tests and performance requirements, for roll-over protective structures – Part 2: Machines having a rotating platform with a cab and boom on the platform.</i> Establishes a consistent and reproducible means of evaluating the load-carrying characteristics of roll-over protective structures (ROPS) on self-propelled forestry machines under static loading, and gives performance requirements for a representative specimen under such loading. It is applicable to machines configured as forestry machines or defined as such in ISO 6814, having a rotating platform with a cab – with or without a fixed cab riser – and boom on the same or a separate platform, intended to be operated by an operator wearing a seat-belt.	2018-02-20

SANS 11850:2017/ ISO 11850:2011 Ed 2	<i>Machinery for forestry – General Safety requirements.</i> Specifies safety requirements for common design aspects of mobile, ride-on, self-propelled forestry machines. It is applicable to fellers, bunchers, delimiters, forwarders, log loaders, skidders, processors, harvesters, and multi-function versions of these machine types, as defined in ISO 6814. It covers certain hazards common to forestry machinery, but does not, as a standard that addresses common requirements, deal with all the hazards (noise, vibration, thrown objects, etc.) which could exist on a particular machine.	2018-02-20
SANS 62087-4:2017/ IEC 62087-4:2015 Ed 1	<i>Audio, video and related equipment – Determination of power consumption – Part 4: Video recording equipment.</i> Specifies methods of measurement for the power consumption of video recording equipment with removable media.	2018-02-20
SANS 62561-4:2017/ IEC 62561-4:2017 Ed 1	<i>Audio, video and related equipment – Determination of power consumption – Part 4: Video recording equipment.</i> Specifies methods of measurement for the power consumption of video recording equipment with removable media.	2018-02-20

SCHEDULE A.1: AMENDMENT OF EXISTING STANDARDS

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

Draft Standard No. and Edition	Title	Scope of amendment	Closing Date
SANS 585:2017 Ed 4.1	<i>The production of frozen fish, marine molluscs, and products derived therefrom.</i>	Amended to correct microbiological requirements and update referenced standards and legislation.	2018-02-20
SANS 788:2017 Ed 1.2	<i>Frozen shrimps (prawns), langoustines and crabs.</i>	Amended to correct microbiological requirements in Table 2, update a referenced standard, update referenced legislation and update clause 8.8.	2018-02-20
SANS 1083:2017 Ed 2.6	<i>Aggregates from natural sources – Aggregates for concrete.</i>	Amended to update table 1 and table 2	2018-02-20
SANS 1453:2017 Ed 1.5	<i>Copper tubes for medical gas and vacuum services.</i>	Amended to update referenced standards.	2018-02-20
SANS 164-4:2017 Ed 1.4	<i>Plug and socket-outlet systems for household and similar purposes for use in South Africa Part 4: Two-pole and earth, 16A 250V a.c. dedicated system.</i>	Amended to change the title of the standard without technical changes to its content and to update list of parts in the foreword.	2018-02-20

SCHEDULE A.2: WITHDRAWAL OF THE 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 South African Bureau of Standards to withdraw them.

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

SCHEDULE A.3: 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 THE 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
SATR 61131-4:2017/ IEC TR 61131-4:2004 Ed 1	<i>Programmable controllers Part 4: User guidelines.</i> Introduces the end-users of Programme Controller (PLC) to the IEC 61131 series, and assists the end-users in their selection and specification of their PLC equipment according to the IEC 61131 series (published in South Africa as identical adoptions under the designation SANS 61131).
SANS 62443-2-4:2017/ EN 62443-2-4 Ed 1	<i>Security for industrial automation and control systems – Part 2-4: Security program requirements for IACS service providers.</i> Specifies requirements for security capabilities for IACS service providers that they can offer to the asset owner during integration and maintenance activities of an Automation Solution.

Standard No. and year	Title, scope and purport
SANS 1761:2017 Ed 1	<i>Safes for domestic use.</i> Specifies requirements for safes for domestic use.
SANS 54199:2017 Ed 1	<i>Execution of Special Geotechnical Works – Micropiles.</i> Establishes general principles for the execution of micropiles.
SANS 50131-1:2017/ EN 131-1:2015 Ed 1	<i>Ladders – Part 1: Terms, types, functional sizes.</i> Defines terms and specifies the general design characteristics of ladders.
SANS 52050-1:2017/ EN 12050-1:2015 Ed 1	<i>Wastewater lifting plants for buildings and sites – Part 1: Lifting plants for wastewater containing faecal matter.</i> Applies to lifting plants for wastewater containing faecal matter for drainage of locations below flood level in buildings and sites to prevent any backflow of wastewater into the building.
SANS 52050-2:2017/ EN 12050-2:2015 Ed 1	<i>Wastewater lifting plants for buildings and sites – Part 2: Lifting plants for faecal-free wastewater.</i> Applies to lifting plants for faecal-free wastewater for drainage of locations below flood level in buildings and sites to prevent any backflow of wastewater into the building.
SANS 52050-3:2017/ EN 12050-2:2015Ed 1	<i>Wastewater lifting plants for buildings and sites – Part 3: Lifting plants for limited applications.</i> Applies to lifting plants for limited applications for domestic non-commercial wastewater containing or not containing faecal matter and located below flood level.
SANS 52050-4:2017/ EN 12050-4:2015 Ed 1	<i>Wastewater lifting plants for buildings and sites – Part 4: Nonreturn valves for faecal-free wastewater and wastewater containing faecal matter.</i> Applies to non-return valves used for faecal-free wastewater and wastewater containing faecal matter lifting plants.
SANS 11133:2017/ ISO 11133:2014 Ed 1	<i>Microbiology of food, animal feed and water – Preparation, production, storage and performance testing of culture media.</i> Defines terms related to quality assurance of culture media and specifies the requirements for the preparation of culture media intended for the microbiological analysis of food, animal feed, samples from the food and feed production environment as well as kinds of water intended for consumption or use in food production.
SANS 22322:2017/ ISO 22322:2015 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.
SANS 27043:2017/ ISO/IEC 27043:2015 Ed 1	<i>Information technology – Security techniques – Incident investigation principles and processes.</i> Provides guidelines based on idealized models for common incident investigation processes across various incident investigation scenarios involving digital evidence.
SANS 33020:2017/ ISO/IEC 33020:2015 Ed 1	<i>Information technology - Process assessment – Process measurement framework for assessment of process capability.</i> Defines a process measurement framework that supports the assessment of process capability, in accordance with the requirements of ISO/IEC 33003.
SANS 1496:2017 Ed 2	<i>Wheel flaps fitted to motor vehicles.</i> Covers the requirements for wheel protection systems fitted to motor vehicles of gross vehicle mass or gross combination mass exceeding 3,5 t and to trailers of gross vehicle mass exceeding 3,5 t, for the purpose of providing other road users with some protection against stones, surface water, mud or other debris thrown up by the vehicle tyres.
SANS 4074:2017 Ed 2	<i>Natural rubber latex male condoms – Requirements and test methods.</i> Specifies the minimum requirements and the test methods to be used for male condoms made from natural rubber latex which are supplied to consumers for contraceptive purposes and to assist in the prevention of sexually transmitted infections.
SANS 27033-1:2017/ ISO/IEC 27033-1:2015 Ed 2	<i>Information technology – Security techniques – Network security – Part 1: Overview and concepts.</i> Provides an overview of network security and related definitions.
SANS 302217-2-2:2017/ ETSI EN 302217-2-2:2014 Ed 3	<i>Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas – Part 2-2: Digital systems operating in frequency bands where frequency co-ordination is applied; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive.</i> Specifies the essential requirements for point-to-point Digital Fixed Radio Systems (DFRS) operating in frequency division full duplex (FDD) in frequency bands, where co-ordinated link-by-link frequency planning is applied.
SANS 302217-3:2017/ ETSI EN 302217-3:2014 Ed 3	<i>Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas – Part 3: Equipment operating in frequency bands where both frequency coordinated or uncoordinated deployment might be applied; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive.</i> Specifies the essential requirements for point-to-point Digital Fixed Radio Systems (DFRS) operating in higher frequency bands, which propagation characteristics might be suitable for different simplified frequency planning rather than conventional link-by-link coordinated deployment.

Standard No. and year	Title, scope and purport
SANS 1213:2017 Ed 3	<i>Mechanical cable glands.</i> Covers requirements for mechanical cable glands for the attachment of cables that comply with the requirements of SANS 1507 (all parts), SANS 1520-1, SANS 1520-2, and of SANS 1574 (all parts) for electrical apparatus, excluding explosion protected apparatus and enclosures.

SCHEDULE B.2: AMENDMENT/AMENDED 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 1574-2:2017 Ed 1.2	<i>Electric flexible cables with solid extruded dielectric insulation Part 2: PVC insulated flexible cables for domestic, office and similar environments (cords).</i> Consolidated edition incorporating amendment No. 2. Amended to update referenced standards, general requirements, cross references, inspection and methods of test, and to renumber subclauses accordingly.
SANS 1973-3:2017/ Ed 1.1	<i>Low-voltage switchgear and controlgear ASSEMBLIES – Part 3: Safety of ASSEMBLIES with a rated prospective short-circuit current of up to and including 10 Ka.</i> Consolidated edition incorporating amendment No. 1. Amended to update referenced standards.
SANS 60287-1-1:2017/ IEC 60287-1-1:2014 Ed 1.1	<i>Electric cables – Calculation of the current rating – Part 1-1: Current rating equations (100 % load factor) and calculation of losses – General.</i> Consolidated edition incorporating amendment No. 1. Amended to update the requirements for the AC cables, and for skin effect factor, to update the information on loss factors for sheath and screen, and for loss factor for armour, reinforcement and steel pipes, and to replace the table on Skin and proximity effects – Experimental values for the coefficients with a new table.
SANS 60335-2-7:2017/ IEC 60335-2-7:2012 Ed 5.2	<i>Household and similar electrical appliances – Safety – Part 2-7: Particular requirements for washing machines.</i> Consolidated edition incorporating amendment No. 2. Amended to update referenced standards, requirements for marking and instruction, moisture resistance, abnormal operation, stability and mechanical hazards, construction, and the annex on ageing test for elastomeric parts (annex BB).
SANS 60335-2-13:2017/ IEC 60335-2-13:2009 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> Consolidated edition incorporating amendment No. 1. Amended to update the heading for the terms and definitions clause, to update the subclause on construction, and to update the referenced standards.
SANS 60335-2-109:2017/ IEC 60335-2-109:2013 Ed 1.2	<i>Household and similar electrical appliances – Safety – Part 2-109: Particular requirements for UV radiation water treatment appliances.</i> Consolidated edition incorporating amendment No. 2. Amended to modify requirements for classification, to add a new clause on moisture resistance, to update requirements for construction, internal wiring, radiation, toxicity and similar hazards, and to delete the annex on UV radiation conditioning (annex AA).
SANS 61400-1:2017/ IEC 61400:2014 Ed 1.1	<i>Wind turbines – Part 1: Design requirements.</i> Consolidated edition incorporating amendment No. 1. Amended to update referenced standards, terms and definitions, symbols and abbreviated terms, to update the figure on normal turbulence model (NTM), to update the equations on wind speed transients, to update the requirements for structural design, and mechanical systems, to add the table on minimum required safety factor for yaw gear system, to update the information on assessment of topographical complexity for site, assessment of wake effects from neighbouring wind turbines, assessment of structural integrity by reference to wind data and assessment of structural integrity by load calculations with reference to site specific conditions, to update the annexes turbulence models, statistical extrapolation of loads for ultimate strength analysis, and to add the annex on contemporaneous loads.
SANS 62271-100:2017/ IEC 62271-10: 2012 Ed 2.2	<i>High-voltage switchgear and controlgear Part 100: Alternating-current circuit-breakers.</i> Consolidated edition incorporating amendment No. 2. Amended to add an introduction, to update the scope, referenced standards and terms and definitions, update the requirements on ratings, design and construction, type tests, routine tests, guidance to the selection of circuit-breakers for service, information to be given with enquiries, tenders and orders and the influence of the product on the environment, annexes on calculation of transient recovery voltage for short-line faults from rated characteristics, tolerances on test quantities during type tests, method of determination of the prospective TRV, methods of determining prospective transient recovery voltage waves, requirements for breaking of transformer-limited faults by circuit-breakers with rated voltage higher than 1 kV, use of mechanical characteristics and related requirements, requirements for short-circuit and switching test procedures for metal-enclosed and dead tank circuit-breakers, to delete annexes on inrush currents of single and back to back capacitor banks, explanatory notes, test current and line length tolerances for short line fault testing, list of symbols and abbreviations used in this standard, explanatory notes on the revision of TRVs for circuit breakers of rated voltages higher than 1 kV and less than 100 kV, and to add an annex on verification of capacitive current switching in presence of single or two-phase earth faults.

Standard No. and year	Title, scope and purport
SANS 1123:2017 Ed 3.4	<i>Pipe flanges. Consolidated edition incorporating amendment No. 4.</i> Amended to update table 2 500/2 – Steel welding neck flanges.
SANS 1539:2017 Ed 5.1	<i>Appliances operating on liquefied petroleum gas (LPG) or natural gas (NG) – Safety aspects. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, to update definitions, and to renumber the definitions accordingly, to update the heading of the clause on verification, to move reference to a national authority to the foreword, to update the requirements applicable to all appliances, to update specific requirements, to update additional requirements (for specific appliances and components), to update cross references, to update inspection and methods of test, to update the requirements for packing and marking, and to update the annex on flueless space heater requirements with specific reference to information to be provided in the user/installer manual
SANS 1550-10:2017 Ed 2.2	<i>Motor vehicle tyres and rims – Dimensions and loads – Part 10: Rim contours. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 1553-2:2017 Ed 1.3	<i>PVC-U window and door frames for external use –Part 2: Windows with frames made from PVC-U profiles. Consolidated edition incorporating amendment No. 3.</i> Amended to update referenced standards, and to delete the footnote on fluorescent UV lamp.
SANS 1745:2017 Ed 1.2	<i>Cementitious grouting capsules for use with tendon-based support systems. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 1808-9:2017 Ed 1.3	<i>Water supply and distribution system components – Part 9: Metering taps and valves (metallic bodies). Consolidated edition incorporating amendment No. 3.</i> Amended to update referenced standards.
SANS 1808-16:2017 Ed 1.3	<i>Water supply and distribution system components – Part 16: Drinking fountain taps. Consolidated edition incorporating amendment No. 3.</i> Amended to update referenced standards.
SANS 2001-CS1:2017 Ed 1.2	<i>Construction works Part CS1: Structural steelwork. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 6124:2017 Ed 2.3	<i>Wooden doors – Determination of resistance to torsion. Consolidated edition incorporating amendment No. 3.</i> Amended to update the test specimen requirements, and to update the test procedure and calculation of deflection.
SANS 6129:2017 Ed 2.2	<i>Wooden doors – Class 2 – Determination of resistance to weathering. Consolidated edition incorporating amendment No. 2.</i> Amended to update the test specimen requirements and procedure.
SANS 825:2017 Ed 4.2	<i>Hand dishwashing or light duty detergent (liquid). Consolidated edition incorporating amendment No. 2.</i> Amended to update the title of the standard, to update referenced standards, to update requirements, to add references to the annexes in the text, to update inspection and methods of test, to update the requirements for marking, and to insert a new annex on notes to manufacturers.

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 South African Bureau of Standards has established/disbanded the following technical committees:

Technical Committee No.:	Title	Scope
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If your organization is interested in participating in these committees, please send an e-mail to Dsscomments@sabs.co.za for more information.

SCHEDULE 5: ADDRESSES OF THE SOUTH AFRICAN BUREAU OF STANDARDS OFFICES

The addresses of offices of the South African Bureau of Standards where copies of the 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.