

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 409 OF 2020

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
SAN 62770 Ed 1	<i>Fluids for electrotechnical applications - Unused natural esters for transformers and similar electrical equipment.</i> Describes specifications and test methods for unused natural esters in transformers and similar oil-impregnated electrical equipment in which a liquid is required as an insulating and heat transfer medium.	2020-08-30
SANS 290 Ed 3	<i>Mineral insulating oils - Management of polychlorinated biphenyls (PCBs).</i> . Covers requirements for the management of dielectric fluid that contains PCBs, PCB-contaminated or pure PCB material, and other material that comes into contact with PCB fluid.	2020-08-30
SANS 17029 Ed 1	<i>Conformity assessment - General principles and requirements for validation and verification bodies.</i> Contains general principles and requirements for the competence, consistent operation and impartiality of bodies performing validation/verification as conformity assessment activities. Bodies operating according to this document can provide validation/verification as a first-party, second-party or third-party activity. Bodies can be validation bodies only, verification bodies only, or provide both activities.	2020-08-31
SATS 62561-8 Ed 1	<i>Lightning protection system components (LPSC) - Part 8: Requirements for components for isolated LPS.</i> Specifies the requirements and tests for insulating stand-offs, used in conjunction with an air-termination system and down-conductors with the aim of maintaining the proper separation distance, and the requirements and tests for insulating down-conductors, including their specific fasteners, able to reduce the separation distance.	2020-09-08
SATS 62196-3-1 Ed 1	<i>Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 3-1: Vehicle connector, vehicle inlet and cable assembly for DC charging intended to be used with a thermal management system.</i> Applies to accessories and cable assemblies with the same configuration as specified in IEC 62196-3:2014 with rated operating voltage not exceeding 1 500 V DC and a rated current not exceeding 500 A	2020-09-08
SANS 61854 Ed 1	<i>Overhead lines - Requirements and tests for spacers.</i> Applies to spacers for conductor bundles of overhead lines. It covers rigid spacers, flexible spacers and spacer dampers.	2020-09-08
SANS 61897 Ed 1	<i>Overhead lines - Requirements and tests for Aeolian vibration dampers.</i> Applies to aeolian vibration dampers intended for single conductors or earth wires or conductor bundles where dampers are directly attached to each subconductor.	2020-09-08
SANS 61851-21-1 Ed 1	<i>Electric vehicle conductive charging system - Part 21-1: Electric vehicle on-board charger EMC requirements for conductive connection to an AC/DC supply.</i> Gives requirements for conductive connection of an electric vehicle (EV) to an AC or DC supply. It applies only to on-board charging units either tested on the complete vehicle or tested on the charging system component level (ESA - electronic sub assembly). It covers the electromagnetic compatibility (EMC) requirements for electrically propelled vehicles in any charging mode while connected to the mains supply.	2020-09-08

SANS 61851-21-2 Ed 1	<i>Electric vehicle conductive charging system - Part 21-2: Electric vehicle requirements for conductive connection to an AC/DC supply - EMC requirements for off-board electric vehicle charging systems.</i> Defines the EMC requirements for any off-board components or equipment of such systems used to supply or charge electric vehicles with electric power by conductive power transfer (CPT), with a rated input voltage, according to IEC 60038:2009, up to 1 000 V AC or 1 500 V DC and an output voltage up to 1 000 V AC or 1 500 V DC.	2020-09-08
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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 534-2 Ed 1.1	<i>Vehicle security - Whole-of-vehicle marking Part 2: Microdot systems - MID requirements.</i>	Amended to update the introduction, definitions, and to update the clause on requirements.	2020-09-14
SANS 534-3 Ed 1.1	<i>Vehicle security - Whole-of-vehicle marking Part 3: Microdot systems - Fitment under OEM control.</i>	Amended to add the clause on off-premises service.	2020-09-14
SANS 60335-2-5 Ed 3.1	<i>Household and similar electrical appliances - Safety Part 2-5: Particular requirements for dishwashers</i>	Amended to update the clauses on moisture resistance and construction, to add the figures on arrangement of work surface for spillage test on built-in dishwashers and arrangement of work surface for spillage test on built-in dishwashers in partially door opened position, and to update the annex on detergent and rinsing agent.	2020-09-14

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
SANS 1718-7 Ed 2	Gaming equipment Part 7: Tokens.	The standard is obsolete.	2020-09-11

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
SANS 22313:2020 Ed 2	<i>Security and resilience - Business continuity management systems - Guidance on the use of ISO 22301.</i> Gives guidance and recommendations for applying the requirements of the business continuity management system (BCMS) given in ISO 22301 (published in South Africa as an identical adoption under the designation SANS 22301).
SANS 61131-9:2020 Ed 1	<i>Programmable controllers - Part 9: Single-drop digital communication interface for small sensors and actuators (SDCI).</i> Specifies a single-drop digital communication interface technology for small sensors and actuators SDCI (commonly known as IO-Link), which extends the traditional digital input and digital output interfaces as defined in IEC 61131-2 (published in South Africa as an identical adoption under the designation SANS 61131-2) towards a point-to-point communication link.

Standard No. and year	Title, scope and purport
SANS 28927-4:2020 Ed 1	<i>Hand-held portable power tools - Test methods for evaluation of vibration emission Part 4: Straight grinders.</i> Specifies a laboratory method for measuring hand-transmitted vibration emission at the handles of straight grinders. It is a type-test procedure for establishing the magnitude of vibration in the gripping areas of a machine fitted with a specified test wheel and run under no-load conditions.
SANS 56000:2020 Ed 1	<i>Innovation management - Fundamentals and vocabulary.</i> Provides the vocabulary, fundamental concepts and principles of innovation management and its systematic implementation.
SATS 2238:2020 Ed 1	<i>Footwear - Sizing - Conversion of sizing systems.</i> Covers the major shoe sizing systems (Mondopoint, European and United Kingdom, as well as China, Japan and United States) displayed on three shoe size conversion tables.
SANS 62852:2020 Ed 1	<i>Connectors for DC-application in photovoltaic systems - Safety requirements and tests.</i> Applies to connectors for use in the d.c. circuits of photovoltaic systems according to class II of IEC 61140:2001 (published in South Africa as an identical adoption under the designation SANS 61140) with rated voltages up to 1 500 V d.c. and rated currents up to 125 A per contact.
SANS 1332:2020 Ed 2	<i>Accessories for medium-voltage XLPE and impregnated paper-insulated power cables (3,8/6,6 kV to 19/33 kV).</i> Covers requirements for accessories for medium-voltage cables used on a.c. systems of voltages from 3,8/6,6 kV up to and including 19/33 kV. Covers accessories for both XLPE and impregnated paper-insulated cables.
SANS 1482:2020 Ed 3	<i>Ladies' shoes, flat lasted, with stuck-on outer soles.</i> Specifies requirements for materials and construction for ladies' shoes made in accordance with the flat-lasted stuck-on principle.
SANS 3059:2020 Ed 2	<i>Non-destructive testing - Penetrant testing and magnetic particle testing - Viewing conditions.</i> Describes the control of the viewing conditions for magnetic particle and penetrant testing. It includes minimum requirements for the illuminance and UV-A irradiance and their measurement. It is intended for use when the human eye is the primary detection aid.
SANS 31010:2020 Ed 2	<i>Risk management - Risk assessment techniques. Supports ISO 31000 (published in South Africa as an identical adoption under the designation SANS 31000).</i> Provides guidance on selection and application of techniques for assessing risk in a wide variety of situations..
SANS 61511-2:2020 Ed 2	<i>Functional safety - Safety instrumented systems for the process industry sector - Part 2: Guidelines for the application of IEC 61511-1: 2016.</i> Provides guidance on the specification, design, installation, operation and maintenance of Safety Instrumented Functions and related safety instrumented system as defined in IEC 61511-1 (published in South Africa as an identical adoption under the designation SANS 61511-1).
SANS 18091:2020 Ed 2	<i>Quality management systems - Guidelines for the application of ISO 9001 in local government. Gives guidelines for local governments on understanding and implementing a quality management system that meets the requirements of ISO 9001:2015 (published in South Africa as an identical adoption under the designation SANS 9001:2015, in order to meet the needs and expectations of their customers/citizens and all other relevant interested parties by consistently providing them with products and services. Promotes implementing a quality management system in a responsible and accountable manner, through the application of ISO 9001 on a comprehensive basis. Applicable to all local government processes at all levels (i.e. strategic, tactical-managerial and operational) in order to constitute a comprehensive quality management system that focuses on the local government achieving its objectives.</i>

SCHEDULE B.2: 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 60335-2-6:2020 Ed 4.1	<i>Household and similar electrical appliances - Safety Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances. Consolidated edition incorporating amendment No.1.</i> Amended to update the clauses on terms and conditions, marking and instructions, heating, moisture resistance, mechanical strength, and construction, to add the figures on detail of bottle cap and position of hole (figure 106), spillage solution bottle (figure 107) and bottle position for the spillage test (figure 108), and to update cross references.
SANS 28927:2020 Ed. 1.1	<i>Hand-held portable power tools - Test methods for evaluation of vibration emission Part 4: Straight grinders. Consolidated edition incorporating amendment No.1.</i> Amended to update the introduction and the scope, to add a note to the clause on description of the family of machines, to replace the figure on straight grinder with type 1 wheel with a new figure and a new title, to change the titles of the figures on straight grinder with type 18R cylindrical plug and on extended straight grinder with type 18R cylindrical plug, to update the sub-clause on test wheel, to update the clause on measurement procedure and validity, and to update referenced standards.
SANS 452:2020 Ed 1.1	<i>Non-reusable and reusable sharps containers. Consolidated edition incorporating amendment No.1.</i> Amended to update referenced standards and to move reference to a national accreditation body to the foreword.

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
SANS 664 Ed 1	<i>Boot and shoe sizing and marking (Mondopoint system).</i>

SCHEDULE B.5: ESTABLISHMENT OF TECHNICAL COMMITTEES

In terms of section 4(2) (l) the South African Bureau of Standards has established the following technical committees:

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: ADDRESS OF THE SOUTH AFRICAN BUREAU OF STANDARDS HEAD OFFICE

Copies of the standards mentioned in this notice can be obtained from the Head Office of the South African Bureau of Standards at 1 Dr Lategan Road, Groenkloof, Private Bag X191, Pretoria 0001.