

## DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

## NOTICE 192 OF 2021

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 50004 Ed 2	<i>Energy management systems – Guidance for the implementation, maintenance and improvement of an energy management system.</i> Gives practical guidelines and examples for establishing, implementing, maintaining and improving an energy management system (EnMS) in accordance with the systematic approach of ISO 50001:2018.	2021-05-11
SANS 62282-6-200 Ed 2	<i>Fuel cell technologies – Part 6-200: Micro fuel cell power systems – Performance test methods.</i> Specifies test methods for the performance evaluation of micro fuel cell power systems for laptop computers, mobile phones, personal digital assistants (PDAs), cordless home appliances, TV broadcast cameras, autonomous robots, etc.	2021-05-11
SANS 62386-216 Ed 1	<i>Digital addressable lighting interface – Part 216: Particular requirements for control gear – Load referencing (device type 15).</i> Specifies methods for determining the thickness of impregnated paper insulation, the tensile strength of impregnated paper and of unimpregnated paper, the ash content of insulating paper, the hydrogen ion concentration (pH value) and conductivity of water extracted from insulating paper and from semi-conducting paper.	2021-05-11
SANS 60335-2-27 Ed 5	<i>Household and similar electrical appliances – Safety – Part 2-27: Particular requirements for appliances for skin exposure to optical radiation.</i> Deals with the safety of electrical appliances incorporating emitters for exposing the skin to optical radiation (wavelength 100 nm to 1 mm), for household and similar use, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.	2021-05-11
SANS 61439-2 Ed 3	<i>Low-voltage switchgear and controlgear assemblies – Part 2: Power switchgear and controlgear assemblies.</i> Defines the specific requirements of power switchgear assembly.	2021-05-11
SANS 62386-222 Ed 1	<i>Digital addressable lighting interface – Part 222: Particular requirements for control gear – Thermal lamp protection (device type 21).</i> Specifies a bus system for control by digital signals of electronic lighting equipment which is in line with the requirements of IEC 61347 (all parts), with the addition of DC supplies.	2021-05-11

**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.

<b>Draft Standard No. and Edition</b>	<b>Title</b>	<b>Scope of amendment</b>	<b>Closing Date</b>
SANS 60270 Ed 1.1	<i>High-voltage test techniques – Partial discharge measurements</i>	Corrected to delete the sign X for the determination of Z (f) in table 3 - Test required for measuring systems.	2021-05-11
SANS 10198-2 Ed 2.1	<i>The selection, handling and installation of electric power cables of rating not exceeding 33 kV – Part 2: Selection of cable type and methods of installation.</i>	Amended to delete reference to legislation, to change reference from "Telkom" to "telecommunications company", and to update referenced standards.	2021-05-11
SANS 60076-10-1 Ed 2.1	<i>Power transformers Part 10-1: Determination of sound levels - Application guide</i>	Amended to update requirements for converter transformers with saturable reactors (transducers), and the bibliography.	2021-05-11

**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.

<b>Draft Standard No. and Edition</b>	<b>Title</b>	<b>Reason for withdrawal</b>	<b>Closing Date</b>

**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.

<b>Draft Standard No. and Edition</b>	<b>Title</b>	<b>Reason for withdrawal</b>	<b>Closing Date</b>

**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.

<b>Standard No. and year</b>	<b>Title, scope and purport</b>
SANS 62052-31:2021 Ed 1	<i>Electricity metering equipment (AC) – General requirements, tests and test conditions – Part 31: Product safety requirements and tests.</i> Specifies product safety requirements for equipment for electrical energy measurement and control, and applies to newly manufactured metering equipment designed to measure and control electrical energy on 50 Hz or 60 Hz networks with a voltage up to 600 V, where all functional elements, including add-on modules are enclosed in or form a single case.

Standard No. and year	Title, scope and purport
SANS 62386-221:2021 Ed 1	<i>Digital addressable lighting interface – Part 221: Particular requirements for control gear – Demand response (device type 20)</i> . Specifies the methodology of demand response which focuses on the curtailment of electric loads during peak demand times thus avoiding the requirement to find new sources of generation capacity.
SANS 62386-224:2021 Ed 1	<i>Digital addressable lighting interface –Part 224: Particular requirements for control gear – Non-replaceable light source (device type 23)</i> . Specifies a bus system for control by digital signals of electronic lighting equipment which is in line with the requirements of IEC 61347 (all parts), with the addition of DC supplies.
SANS 52791:2021 Ed 1	<i>Chemical disinfectants and antiseptics - Surgical hand disinfection - Test method and requirements (phase 2, step 2)</i> . Specifies a test method simulating practical conditions for establishing whether a product for surgical handrub and handwash reduces the release of resident and eventually present transient microbial flora on hands when used for the treatment of clean hands of volunteers.

## 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 61347-1:2021 Ed 3.1	<i>Lamp controlgear – Part 1: General and safety requirements. Consolidated edition incorporating amendment No.1</i> . Amended to update the scope and terms and definitions, to update the clauses on marking, terminals, moisture resistance and insulation, fault conditions, creepage distances and clearances, to update the annexes on particular additional requirements for controlgears providing SELV, additional requirements for built in electronic controlgear with double or reinforced insulation, creepage distances and clearances for controlgear with a higher degree of availability (impulse withstand category III), and to update referenced standards.
SANS 1170:2021 Ed 1.5	<i>Linear alkylbenzenesulphonic acid. Consolidated edition incorporating amendment No.5</i> . Amended to delete the annex on notes to purchasers.
SANS 1319:2021 Ed 3.2	<i>Zinc phosphate primer for steel. Consolidated edition incorporating amendment No.2</i> . Amended to update referenced standards, and to delete the annex on notes to purchasers.
SANS 10004:2021 Ed 4.2	<i>Terms and definitions for textiles and textile merchandise. Consolidated edition incorporating amendment No.2</i> . Amended to update the scope and referenced standards.
SANS 11108:2021 Ed 3.1	<i>Washing pretreatment of textile fabrics. Consolidated edition incorporating amendment No.1</i> . Amended to delete reference to organizations.
SANS 11166:2021 Ed 3.1	<i>Textiles – Colour fastness to domestic washing procedures. Consolidated edition incorporating amendment No.1</i> . Amended to delete reference to organizations.
SANS 1718-5:2021 Ed 1.1	<i>Gambling equipment – Part 5: Local area and wide area jackpot and progressive jackpot equipment. Consolidated edition incorporating amendment No.1</i> . Amended to delete reference to legislation in the foreword, to update the introduction, the scope, referenced standards, to update and renumber the definitions and abbreviations accordingly, the functional requirements, the software requirements, the clause on communication, the sub-clause on preservation of RAM, the sub-clause on enclosure construction, the clause on electrical requirements, the clause on significance events, to delete the annex on recommended implementation of requirements, to add the annex on guidelines for submission and scope of testing, and to add a bibliography.
SANS 284:2021 Ed 2.6	<i>Spades and shovels. Consolidated edition incorporating amendment No.6</i> . Amended to delete the appendix on notes to purchasers.

**SCHEDULE B.3: WITHDRAWN STANDARDS**

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

<b>Standard No. and year</b>	<b>Title</b>
SANS 555:2007	<i>Unused and reclaimed mineral insulating oils for transformers and switchgear.</i>

**SCHEDULE B4 ESTABLISHMENT OF TECHNICAL COMMITTEES**

<b>Committee No</b>	<b>Title</b>	<b>Scope</b>

If your organization is interested in participating in these committees, please send an e-mail to [Dsscomments@sabs.co.za](mailto: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.