

## DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

## NOTICE 517 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 African 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 61158-3-24 Ed 1	<i>Industrial communication networks – Fieldbus specifications – Part 3-24: Data-link layer service definition – Type 24 elements.</i> Provides common elements for basic time-critical messaging communications between devices in an automation environment. The term "time-critical" is used to represent the presence of a time-window, within which one or more specified actions are required to be completed with some defined level of certainty.	2021-10-19
SATS 62257-1 Ed 1	<i>Recommendations for renewable energy and hybrid systems for rural electrification – Part 1: General introduction to IEC 62257 series and rural electrification.</i> Introduces a methodology for implementing rural electrification using autonomous hybrid renewable energy systems; and provides a guide for facilitating the reading and the use of the SATS 62257 series for setting up decentralized rural electrification in developing countries or in developed countries, the only difference being the level of quality of service and the needed quantity of energy that the customer can afford.	2021-10-19
SANS 20150 Ed 1	<i>Uniform provisions concerning the approval of retro-reflective devices and markings for power-driven vehicles and their trailers.</i> Applies to retro-reflective devices as: Retro-reflectors of the Classes IA, IB, IIIA, IIIB and IVA Retro-reflective Markings of the Classes C, D, E and F Retro-reflective Marking Plates for Heavy and Long Vehicles of the Classes 1, 2, 3, 4 and 5 Retro-reflective Marking Plates for the slow moving vehicles of the classes 1 and 2 Advance warning triangles of type 1 and 2.	2021-10-19
SANS 3001-AS4 Ed 1	<i>Civil engineering test methods – Part AS4: Determination of the indirect tensile strength of asphalt.</i> Specifies a method for determining the indirect tensile strength of an asphalt mix.	2021-10-19

## 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 317 Ed 2.6	<i>Industrial bitumens</i>	Amended to remove the annex on notes to purchasers.	2021-10-19
SANS 3001-CO3-3 Ed 1.1	<i>Civil engineering test methods – Part CO3-3: Concrete durability index testing – Chloride conductivity test</i>	Amended to update the clause on procedure, the clause on calculations, and the bibliography.	2021-10-19

**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

**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 60335-2-116:2021 Ed 1	<i>Household and similar electrical appliances – Safety – Part 2-116: Particular requirements for furniture with electrically motorised parts.</i> Deals with the safety of furniture with electrically motorized parts intended for household and similar purposes, their rated voltage being not more than 250 V.
SANS 13408-2:2021 Ed 1	<i>Aseptic processing of health care products – Part 2: Sterilizing filtration.</i> Specifies requirements for sterilization as part of aseptic processing of health care products conducted in accordance with ISO 13408-1 (published in South Africa as an identical adoption under the designation SANS 13408-1).
SANS 13408-4:2021 Ed 1	<i>Aseptic processing of health care products – Part 4: Clean-in-place technologies.</i> Specifies the general requirements for clean-in-place process applied to product contact surfaces of equipment used in the manufacture of sterile health care products by aseptic processing and offers guidance on qualification, validation, operation and control.
SANS 22367:2021 Ed 1	<i>Medical laboratories – Application of risk management to medical laboratories.</i> Specifies a process for a medical laboratory to identify and manage the risks to patients, laboratory workers and service providers that are associated with medical laboratory examinations.
SANS 35001:2021 Ed 1	<i>Biorisk management for laboratories for laboratories and other related organisations.</i> Defines a process to identify, assess, control, and monitor the risks associated with hazardous biological materials.
SANS 45003:2021 Ed 1	<i>Occupational health and safety management – Psychological health and safety at work - Guidelines for managing psychosocial risks.</i> Gives guidelines for managing psychosocial risk within an occupational health and safety (OH&S) management system based on ISO 45001 (published in South Africa as an identical adoption under the designation SANS 45001).
SANS 602:2021 Ed 3	<i>Reference materials – Selected terms and definitions.</i> Recommends terms and definitions that should be used in connection with reference materials, with a particular emphasis on terms that are used in reference material product information sheets, certificates and corresponding certification reports.
SANS 17000:2021 Ed 2	<i>Conformity assessment – Vocabulary and general principles.</i> Specifies general terms and definitions relating to conformity assessment, including the accreditation of conformity assessment bodies, and to the use of conformity assessment to facilitate trade.
SANS 50003:2021 Ed 2	<i>Energy management systems – Requirements for bodies providing audit and certification of energy management systems.</i> Specifies requirements for competence, consistency and impartiality in the auditing and certification of ISO 50001 (published in South Africa as an identical adoption under the designation SANS 50001) energy management systems (EnMS) for bodies providing these services.

**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 60601-1-11:2021 Ed 2.1	<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. Consolidated edition incorporating amendment No.1.</i> Amended to update related standards, referenced standards and terms and definitions, to update the clauses on ME equipment identification, marking and documents, protection against excessive temperatures and other hazards, and to update the annex on general guidance and rationale.
SANS 61850-7-1:2021 Ed 1.1	<i>Communication networks and systems for power utility automation – Part 7-1: Basic communication structure – Principles and models. Consolidated edition incorporating amendment No.1.</i> Amended to update the clauses on abbreviated terms, overview of the IEC 61850 series concepts, modelling approach of the IEC 61850 series, application view, device view, communication view, relationships between IEC 61850-7-2, IEC 61850-7-3 and IEC 61850-7-4, formal specification method, namespaces, and on common rules for new version of classes and for extension of object classes, to add the clause on compatibility between different versions of the standard, to update the annexes on overview of logical nodes and data, allocation of data to logical nodes, use of the substation configuration language (SCL), applying the LN concept to options for future extensions, and on mapping the ACSI to real communication systems, to add the annexes on LGOS/LSVS engineering, GOOSE/SMV subscription configuration, specification of namespaces, use of case scenarios examples for clarifying the common rules of clause 14, and on general requirements and recommendations regarding compatibility issues between different versions of IEC 61850, and to update referenced standards.
SANS 523:2021 Ed 2.4	<i>Limes for use in building. Consolidated edition incorporating amendment No.4.</i> Amended to delete the annex on notes to purchasers.
SATS 3208:2021 Ed 1.1	<i>Performance Grade (PG) Specifications for Bitumen in South Africa. Consolidated edition incorporating amendment No.1.</i> Amended to update and renumber definitions, and to update the binder requirements.
SANS 389:2021 Ed 2.2	<i>Commercial lactose. Consolidated edition incorporating amendment No.2.</i> Amended to update referenced standards.
SANS 1308:2021 Ed 3.1	<i>Plaster-of-Paris bandages. Consolidated edition incorporating amendment No.1.</i> Amended to update the requirements and to delete the annex on notes to purchasers.
SANS 1642:2021 Ed 1.3	<i>Baker's compressed yeast. Consolidated edition incorporating amendment No.3.</i> Amended to move the references to legislation 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 10241:2008 Ed 1.2	<i>Tachograph centres – Installation and repair facilities, including facilities for the installation of on-board computers</i>
SANS 60478-4:1976 Ed 1	<i>Stabilized power supplies, d.c. output – Part 4: Tests other than radio-frequency interference</i>

**SCHEDULE B4: DISBAND OF TECHNICAL COMMITTEES**

Committee No	Title	Scope

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 B5: 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.