

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 1276 OF 2022

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 60253-181 Ed 1	<i>Measuring relays and protection equipment - Part 181: Functional requirements for frequency protection.</i> It specifies the minimum requirements for functional and performance evaluation of frequency protection. This document also defines how to document and publish performance test results. This document covers the functions based on frequency measurement or rate of change of frequency measurements. This document also covers frequency protection where additional blocking elements are used. This document defines the influencing factors that affect the accuracy under steady state conditions and performance characteristics during dynamic conditions. The test methodologies for verifying performance characteristics and accuracy are also included in this document.	2022-10-20
SANS 15118-5 Ed 1	<i>Road vehicles - Vehicle to grid communication interface - Part 5: Physical layer and data link layer conformance test.</i> Specifies conformance tests in the form of an Abstract Test Suite (ATS) for a System Under Test (SUT) implementing an Electric Vehicle or Supply Equipment Communication Controller (EVCC or SECC) with support for PLC?based High Level Communication (HLC) and Basic Signaling according to ISO 15118?3. These conformance tests specify the testing of capabilities and behaviors of an SUT, as well as checking what is observed against the conformance requirements specified in ISO 15118?3 and against what the implementer states the SUT implementation's capabilities are.	2022-10-20
SANS 15118-8 Ed 1	<i>Road vehicles - Vehicle to grid communication interface - Part 8: Physical layer and data link layer requirements for wireless communication.</i> Specifies the requirements of the physical and data link layer of a wireless High Level Communication (HLC) between Electric Vehicles (EV) and the Electric Vehicle Supply Equipment (EVSE).	2022-10-20
SANS 60255-118-1 Ed 1	<i>Measuring relays and protection equipment - Part 118-1: Synchrophasor for power systems – Measurements.</i> Defines synchrophasor, frequency, and rate of change of frequency (ROCOF) measurements as used in this technology.	2022-10-20
SANS 60255-121 Ed 1	<i>Measuring relays and protection equipment - Part 121: Functional requirements for distance protection.</i> It specifies minimum requirements for functional and performance evaluation of distance protection function typically used in, but not limited to, line applications for effectively earthed, three-phase power systems. This standard also defines how to document and publish performance tests. These standard covers distance protection function whose operating characteristic can be defined on an impedance plane and includes specification of the protection function, measurement characteristics, phase selection, directionality, starting and time delay characteristics.	2022-10--20
SANS 1676-5 Ed 2	<i>Acoustics - Laboratory measurement of sound insulation of building elements - Part 5: Requirements for test facilities and equipment.</i> Specifies laboratory test facilities and equipment for sound insulation measurements of building elements.	2022-10-20

SANS 13888-3 Ed 3	<i>Document Title: Information security - Non-repudiation - Part 3: Mechanisms using asymmetric techniques.</i> Specifies mechanisms for the provision of specific, communication-related, non-repudiation services using asymmetric cryptographic techniques	2022-10-20
SANS 62913-1 Ed 1	<i>Generic smart grid requirements - Part 1: Specific application of the Use Case methodology for defining generic smart grid requirements according to the IEC systems approach.</i> Describes a common approach for IEC technical committees to define generic smart grid requirements for further standardization work. It uses as input the Use Case methodology defined as part of the IEC 62559 series, and provides a more detailed methodology for describing Use Cases and extracting requirements from these Use Cases.	2022-10-20

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 3001-G3 Ed 1.2	<i>Civil engineering test methods Part GR3: Particle size analysis of material smaller than 2 mm (hydrometer method).</i>	Amended to update Introduction, delete reference to SANS 241, define water quality for testing and expand text in Preparation and Procedure to clarify.	2022-10-24

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
SANS 3091:2022 Ed 1	<i>Chilled finfish, marine molluscs and crustaceans and products derived therefrom.</i> Specifies requirements for the handling, preparation, processing, packaging, transporting, storage and quality of chilled finfish, marine molluscs and crustaceans and products derived therefrom that are intended for human consumption. Specifies requirements for factories and employees involved in the production of chilled finfish, marine molluscs, crustaceans and products derived therefrom.

Standard No. and year	Title, scope and purport
SANS 14403-1:2022 Ed 1	<i>Water quality . Determination of total cyanide and free cyanide using flow analyses (FIA and CGA) - Part 1: method using flow injection analysis (FIA).</i> Specifies methods for the determination of cyanide in various types of water (such as ground, drinking, surface, leachate, and wastewater) with cyanide concentrations from 2 ig/l to 500 ig/l expressed as cyanide ions in the undiluted sample.
SANS 14403-2:2022 Ed 2	<i>Water quality - Determination of total cyanide and free cyanide using flow analyses (FIA and CGA) - Part 2: method using continuous flow analysis (CFA).</i> Specifies methods for the determination of cyanide in various types of water (such as ground, drinking, surface, leachate, and wastewater) with cyanide concentrations usually from 2 ig/l to 500 ig/l expressed as cyanide ions in the undiluted sample.
SANS 2235:2022 Ed 2	<i>Raw pet food - Nutritional and manufacturing requirements.</i> Specifies nutritional requirements for commercially prepared raw pet food, complementary and complete, for dogs and cats. Includes the recommended feeding guide and metabolizable energy factor. Specifies good manufacturing practices, analytical test methods, hygiene and food safety practices, packaging and labelling applicable to nutritional content and product shelf life.
SANS 18415:2022 Ed 2	<i>Cosmetics - Microbiology - Detection of specified and non-specified microorganisms.</i> Gives general guidelines for the detection and identification of specified microorganisms in cosmetic products as well as for the detection and identification of other kinds of aerobic mesophilic non-specified microorganisms in cosmetic products
SANS 10229-1:2022 Ed 3	<i>Transport of dangerous goods- Packagings, large packagings and intermediate bulk containers (IBCs) for road and rail transport - Part 1: Packaging.</i> Identifies the requirements for packagings, large packagings and intermediate bulk containers (IBCs) suitable for the transport of dangerous goods by road and rail.

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 1574-5:2022 Ed 1.2	<i>Electric flexible cables with solid extruded dielectric insulation Part 5: Rubber-insulated cables for industrial use. Consolidated edition incorporating amendment No.2.</i> Amended to delete the annex on notes to purchasers.
SANS 60204-1:2022 Ed 4.1	<i>Safety of machinery - Electrical equipment of machines -Part 1: General requirements. Consolidated edition incorporating amendment No.1.</i> Amended to update the foreword, referenced standards, the clauses on general requirements, protection against electric shock, equipotential bonding, control circuits and control functions, controlgear: location, mounting, and enclosures, conductors and cables, wiring practices, marking, warning signs and reference designations, technical documentation, verification, and on measures to reduce the effects of electromagnetic influences, and to update annex on measures to reduce effects of electromagnetic influences
SANS 587:2022 Ed 3.2	<i>Canned fish, canned marine molluscs and canned crustaceans, and products derived therefrom. Consolidated edition incorporating amendment No.2.</i> Amended to update definitions and to update the subclauses on hand-washing facilities, absence of foreign matter and contaminants, objectionable extraneous matter, requirements for the packing medium, drained mass, and on containers for export.

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
CKS 488:2008 Ed 3	<i>Field dress material (polyester-and-cotton).</i>

SCHEDULE B4: ESTABLISHMENT 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 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.