DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 1081 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 16283-3 Ed 1	*Acoustics - Field measurement of sound insulation in buildings and of building elements - Part 3: Façade sound insulation*. Specifies procedures to determine the airborne sound insulation of façade elements (element methods) and whole façades (global methods) using sound pressure measurements.	2022-07-16
SANS 14002-1 Ed 2	*Environmental management systems – Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area – Part 1 General.* Gives general guidance for organisations seeking to systematically manage environmental aspects or responds to the effect of changing environmental conditions within one or more environmental topic areas, based on ISO14001.	2022-07-16
SANS 61158-3-22 Ed 1	*Industrial communication networks – Fieldbus specifications – Part 3-22: Data-link layer service definition – Type 22 elements*. 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. Failure to complete specified actions within the time window risks failure of the applications requesting the actions, with attendant risk to equipment, plant and possibly human life. This standard defines in an abstract way the externally visible service provided by the Type 22 fieldbus data-link layer in terms of the primitive actions and events of the service, the parameters associated with each primitive action and event, and the form which they take and the interrelationship between these actions and events, and their valid sequences. The purpose of this standard is to define the services provided the Type 22 fieldbus application layer at the boundary between the application and data-link layers of the fieldbus reference model, and systems management at the boundary between the data-link layer and systems management of the fieldbus reference model.	2022-07-21
SANS 14403-1 Ed 1	*Water quality – Determination of total cyanide and free cyanide using flow analyses (FIA and CGA) – Part 1: method using flow injection analysis (FIA)*. Specifies methods for the determination of cyanide in various types of water (such as ground, drinking, surface, leachate, and waste water) with cyanide concentrations from 2 µp/l to 500 µp/l expressed as cyanide ions in the undiluted sample.	2022-07-25
SANS 14403-2 Ed 1	*Water quality – Determination of total cyanide and free cyanide using flow analyses (FIA and CGA) - Part 2: method using continuous flow analysis (CFA).* Specifies methods for the determination of cyanide in various types of water (such as ground, drinking, surface, leachate, and waste water) with cyanide concentrations usually from 2 µp/l to 500 µp/l expressed as cyanide ions in the undiluted sample. The range of application can be changed by varying the operation conditions, e.g. by diluting the original sample or changing the pathlength of the flow cell.	2022-07-25

SANS 51278 Ed 2	*Chemicals used for treatment of water intended for human consumption – Ozone.* Applicable to ozone used for treatment of water intended for human consumption. It describes the characteristics of ozone and specifies a test method for determining the ozone concentration in other gases.	2022-07-25
SANS 62271-37-013 Ed 2	*High-voltage switchgear and controlgear Part 37-013: Alternating current generator circuit-breakers.* Applies to three-phase AC high-voltage generator circuit-breakers, hereafter called generator circuit-breakers, designed for indoor or outdoor installation and for operation at frequencies of 50 Hz and 60 Hz on systems having voltages above 1 kV and up to 38 kV.	2022-07-23

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 1044 Ed 3.4	*Industrial laundry detergents*	Amended to delete notes to purchasers	2022-07-17
SANS 1127 Ed 2.1	*Algaecides for use in freshwater swimming pools.*	Amended to delete notes to purchasers	2022-07-25

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 withdrawn 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 2239:2022 Ed 1	*Adansonia digitata L. (baobab) seed oil*. Applies to Adansonia digitata L (baobab) seed oil suitable for cosmetic use.
SATS 33054:2022 Ed 1	*Information technology – Process assessment – Process reference model for service management*. Defines a process reference model for the domain of service management; the model specifies a process architecture for the domain and comprises a set of processes.
SANS 3001-GR60:2022 Ed 1	*Civil engineering test method Part-GR60: Determination of the electrolytic conductivity of water, soil, gravel and graded crushed rock for construction purposes*. Describes a method of determining the electrolytic conductivity of construction water and saturated soil-paste using an electrical conductivity meter.

Standard No. and year	Title, scope and purport
SANS 23531:2022 Ed 1	*Systems and software engineering – Capabilities of issue management tools*. Defines the capabilities of issue management tools and is used to select the most appropriate one from many issue management tools.
SANS 60076-24:2022 Ed 1	*Power transformers - Part 24: Specification of voltage regulating distribution transformers (VRDT*). Applies to medium power transformers from 25 kVA to 3 150 kVA with highest voltage for equipment up to 36 kV, or in low voltage (LV) networks with highest voltage for equipment of up to 1,1 kV equipped with voltage regulatory devices.
SATS 62257-6:2022 Ed 1	*Recommendations for renewable energy and hybrid systems for rural electrification - Part 6: Acceptance, operation, maintenance and replacement.* Describes the various rules to be applied for acceptance, operation, maintenance and replacement (AOMR) of decentralized rural electrification systems (DRES) which are designed to supply electric power for sites which are not connected to a large interconnected system, or a national grid, in order to meet basic needs.
SATS 62257-8-1:2022 Ed 1	*Recommendations for renewable energy and hybrid systems for rural electrification - Part 8-1: Selection of batteries and battery management systems for stand-alone electrification systems - Specific case of automotive flooded lead-acid batteries available in developing countries*. Proposes simple, cheap, comparative tests in order to discriminate easily, in a panel of automotive flooded lead-acid batteries, the most acceptable model for PV individual electrification systems and is particularly useful for project implementers to test in laboratories of developing countries, the capability of locally made car or truck batteries to be used for their project.
SANS 16326:2022 Ed 3	*Systems and software engineering – Life cycle processes – Project management*. Intends to aid project managers in managing to successful conclusion those projects concerned with systems, including software systems.
SANS 23026:2022 Ed 2	*Systems and software engineering – Engineering and management of websites for systems, software, and services information*. Defines system engineering and management requirements for the life cycle of websites including strategy, design, engineering, testing and validation, and management and sustainment for Intranet and Extranet environments.
SANS 60079-26:2022 Ed 4	*Explosive atmospheres - Part 26: Equipment with Separation Elements or combined Levels of Protection*. Specifies requirements for construction, testing and marking for Ex Equipment that contains parts of the equipment with different Equipment Protection Levels (EPLs) and a separation element.
SANS 61515:2022 Ed 2	*Mineral insulated metal-sheathed thermocouple cables and thermocouples.* Establishes the requirements for simplex, duplex and triplex mineral-insulated metal-sheathed thermocouple cables and thermocouples, which are intended for use in general industrial applications.
SANS 61558-1:2022 Ed 3	*Safety of transformers, reactors, power supply units and combinations thereof - Part 1: General requirements and tests.* Deals with safety aspects of transformers, reactors, power supply units and combinations thereof such as electrical, thermal and mechanical safety.
SANS 62056-5-3:2022 Ed 2	*Electricity metering data exchange - The DLMS/COSEM suite Part 5-3: DLMS/COSEM application layer*. Specifies the DLMS/COSEM application layer in terms of structure, services and protocols for DLMS/COSEM clients and servers, and defines rules to specify the DLMS/COSEM communication profiles.
SANS 62056-6-2:2022 Ed 2	*Electricity metering data exchange – The DLMS/COSEM suite Part 6-2: COSEM interface classes.* Specifies a model of a meter as it is seen through its communication interface(s).

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
ARP 056:2022 Ed 1.2	*Low smoke solid fuel (LSSF) for household use. Consolidated edition incorporating amendment No.2.* Amended to update the cross references in the clause on methods of test and to delete the annex on notes to purchasers.
SANS 1399:2022 Ed 2.4	*Wood charcoal and charcoal briquettes for household use. Consolidated edition incorporating amendment No.4.* Amended to delete the annex 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.

Standard No. and year	Title
ARP 062-1:2005 Ed 2	*Recommendations for small renewable energy and hybrid systems for rural electrification Part 1: General introduction to rural electrification.*
ARP 062-4:2006 Ed 1	*Recommendations for small renewable energy and hybrid systems for rural electrification Part 4: System selection and design.*
ARP 062-5:2006 Ed 1	*Recommendations for small renewable energy and hybrid systems for rural electrification Part 5: Protection against electrical hazards.*

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.