

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 356 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

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 61850-7-1 Ed 1.1	<i>Communication networks and systems for power utility automation – Part 7-1: Basic communication structure – Principles and models</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, 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 annex on overview of logical nodes and data, the annex on allocation of data to logical nodes, the annex on use of the substation configuration language (SCL), the annex on applying the LN concept to options for future extensions, the annex on mapping the ACSI to real communication systems, to add the annex on LGOS/LSVS engineering, the annex on GOOSE/SMV subscription configuration, the annex on specification of namespaces, the annex on use of case scenarios examples for clarifying the common rules of clause 14, the annex on general requirements and recommendations regarding compatibility issues between different versions of IEC 61850, and to update referenced standards.	2021-07-27
SANS 61850-7-2 Ed 1.1	<i>Communication networks and systems for power utility automation – Part 7-2: Basic information and communication structure – Abstract communication service interface (ACSI)</i>	Amended to update the scope, referenced standards, terms and definitions, and abbreviated terms, to update the clauses on ACSI overview and basic concepts, type definition, GenServerClass model, application	2021-07-27

		association model, GenLogicalDeviceClass model, GenLogicalNodeClass model, Generic data object class model, Generic common data class model, DATA-SET class model, service tracking, modelling of control block classes, SETTING-GROUP-CONTROL-BLOCK class model, EPORTCONTROL- BLOCK and LOG-CONTROL-BLOCK class models, Generic substation event class model (GSE), Transmission of sampled value class model, CONTROL class model, time and time synchronization model, naming conventions, and file transfer model, to update the annexes on ACSI conformance statement, SCL enumerations, and generic substation state event, to add the annexes on clarification on usage of quality, clarification on RCB reservation, and on compatibility of the different revisions of the standard.	
SANS 61850-7-3 Ed 1.1	<i>Communication networks and systems for power utility automation – Part 7-3: Basic communication structure – Common data classes</i>	Amended to update the introduction, the scope, referenced standards, terms and definitions, the clause on abbreviated terms, to replace the clause on conditions for attribute inclusion with a new clause, to update the clause on constructed attribute classes, the clause on common data class specifications, to replace the clause on data attribute semantic with a new clause, to update the annex on value range for units and multiplier, the annex on functional constraints, the annex on SCL enumerations, to add the annex on conditions for element presence, and the annex on compatibility of the different revisions of the standard.	2021-07-27
SANS 61850-7-4 Ed 1.1	<i>Communication networks and systems for power utility automation – Part 7-4: Basic communication structure – Compatible logical node classes and data object classes</i>	Amended to update the scope, referenced standards, terms and definitions, and abbreviated terms, to update the clauses on logical node classes, and data object name semantics and enumerations, to update the annexes on interpretation of mode and behaviour, relationship between this standard and IEC 61850-5, statistical calculation, functional relationship of data objects of autorecloser RREC, and on SCL enumerations(from DOEnums), and to add the annexes on conditions for elements presence, compatibility of the different revisions of the standard, and on models principles and requirements for scheduling.	2021-07-27
SANS 10142-1 Ed 3.1	<i>The wiring of premises – Part 1: Low-voltage installations</i>	Amended to move reference to legislation to the foreword, to update the clauses on compliance, fundamental requirements, installation requirements, special installations or locations, and on verification and certification, and to update the annex on classification of safety services necessary for medical locations.	2021-07-27
SANS 1221 Ed 3.2	<i>Detergent skin cleansers (non-cosmetic)</i>	Amended to update normative references.	2021-07-27

SANS 61850-4 Ed 1.1	<i>Communication networks and systems for power utility automation – Part 4: System and project management</i>	Amended to update the scope, referenced standards, and abbreviations, to update the clauses on engineering requirements, system life cycle, and on quality assurance.	2021-07-27
SANS 3001-AS23 Ed 1.1	<i>Civil engineering test methods – Part AS23: Determination of moisture in asphalt</i>	Amended to update the introduction and some requirements.	2021-08-03

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 50088-1:2021 Ed 1	<i>Pressure regulators and associated safety devices for gas appliances – Part 1: Pressure regulators for inlet pressures up to and including 50 kPa.</i> Specifies the safety, construction and performance requirements for pressure regulators and pneumatic gas/air ratio pressure regulators.
SANS 60335-2-27:2021 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.
SANS 61439-2:2021 Ed 3	<i>Low-voltage switchgear and controlgear assemblies – Part 2: Power switchgear and controlgear assemblies.</i> Defines the specific requirements for the power switchgear and controlgear assembly.
SANS 62282-6-200:2021 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.
SANS 7243:2021 Ed 2	<i>Ergonomics of the thermal environment – Assessment of heat stress using the WBGT (wet bulb globe temperature) index.</i> Presents a screening method for evaluating the heat stress to which a person is exposed and for establishing the presence or absence of heat stress.

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 60076-10-1:2021 Ed 2.1	<i>Power transformers – Part 10-1: Determination of sound levels – Application guide. Consolidated edition incorporating amendment No.1.</i> Amended to update requirements for converter transformers with saturable reactors (transducers), and the bibliography.
SANS 416:2021 Ed 2.7	<i>Chemical resistant gloves. Consolidated edition incorporating amendment No.7.</i> Amended to update the clause on sampling and compliance with the specification, to replace the table on acceptance number for compliance, to update referenced standards, and to delete the appendix on notes to purchasers.
SANS 16063-22:2021 Ed 1	<i>Methods for the calibration of vibration and shock transducers Part 22: Shock calibration by comparison to a reference transducer. This edition contains a loose-leaf amendment.</i> Amended to update the scope and referenced standards, to replace the table on uncertainty reference conditions for secondary shock calibration, to update the clauses on apparatus, on preferred accelerations and pulse durations, and on method, the annexes on expression of uncertainty of measurement in calibration and on uncertainty examples - expression of uncertainty of measurement in calibration, and to add the annex on dispersion in bars.

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

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 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.