

## DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

## NOTICE 489 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 3001-AS5 Ed 1	<i>Civil engineering test methods – Part AS5: Determination of the dynamic creep of asphalt.</i> Describes a method to determine the dynamic creep of an asphalt mixture by applying a cyclical axial load to a cylindrical specimen at a controlled temperature.	2021-10-07

## 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 4001-BT2 Ed 1.1	<i>Civil engineering specifications – Part BT2: Cutback bitumen</i>	Amended to remove notes to purchasers.	2021-10-07
SANS 4001-BT4 Ed 1.1	<i>Civil engineering specifications – Part BT4: Cationic bitumen road emulsion</i>	Amended to remove notes to purchasers.	2021-10-07

## 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

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SANS 61158-3-1:2021 Ed 1	<i>Industrial communication networks – Fieldbus specifications – Part 3-1: Data-link layer service definition – Type 1 elements.</i> Provides common elements for basic time-critical messaging communications between devices in an automation environment.
SANS 62386-302:2021 Ed 4	<i>Digital addressable lighting interface – Part 302: Particular requirements – Input devices – Absolute input devices.</i> Specifies a bus system for control by digital signals of electronic lighting equipment which is in line with the requirements of IEC 61347, with the addition of DC supplies.
SANS 25022:2021 Ed 1	<i>Systems and software engineering – Systems and software quality requirements and evaluation (SQuaRE) – Measurement of quality in use.</i> Provides a suggested set of quality in use measures to be used with the quality in use model in ISO/IEC 25010.
SANS 60079-19:2021 Ed 4	<i>Explosive atmospheres – Part 19: Equipment repair, overhaul and reclamation.</i> Gives instructions, principally of a technical nature, on the repair, overhaul, reclamation and modification of Ex equipment designed for use in explosive atmospheres; applies to overhaul and repair which mitigates deficiencies identified during operation, inspection and maintenance does not give advice on cable and wiring systems which can require a renewal when the equipment is re-installed and is not applicable to Type of Protection "m".
SANS 62442-1:2021 Ed 2	<i>Energy performance of lamp controlgear – Part 1: Controlgear for fluorescent lamps - Method of measurement to determine the total input power of controlgear circuits and the efficiency of the controlgear.</i> Defines a measurement and calculation method of the total input power for controlgear-lamp circuits when operating with their associated fluorescent lamp(s).
SANS 10993-3:2021 Ed 2	<i>Biological evaluation of medical devices – Part 3: Test for genotoxicity, carcinogenicity and reproductive toxicity.</i> Specifies strategies for risk estimation, selection of hazard identification tests and risk management, with respect to the possibility of the following potentially irreversible biological effects arising as a result of exposure to medical devices.
SANS 10993-11:2021 Ed 3	<i>Biological evaluation of medical devices – Part 11: Tests for systemic toxicity.</i> Specifies requirements and gives guidance on procedures to be followed in the evaluation of the potential for medical device materials to cause adverse systemic reactions.
SANS 53754:2021 Ed 2	<i>Products used for treatment of water intended for human consumption – Bentonite.</i> Applies to bentonite used for treatment of water intended for human consumption.
SANS 60947-4-2 Ed 4	<i>Low-voltage switchgear and controlgear - Part 4-2: Contactors and motor-starters - Semiconductor motor controllers, starters and soft-starters.</i> Applies to semiconductor motor controllers, starters and soft-starters which can include a series mechanical switching device, intended to be connected to circuits the rated voltage of which does not exceed 1 000 V AC.

## 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 182-4:2021 Ed 1.3	<i>Conductors for overhead electrical transmission lines – Part 4: Copper-covered steel wire for telecommunication purposes. Consolidated edition incorporating amendment No.3.</i> Amended to update the definitions, and to delete the appendix on notes to purchasers.
SANS 61850-4:2021 Ed 1.1	<i>Communication networks and systems for power utility automation – Part 4: System and project management. Consolidated edition incorporating amendment No.1.</i> Amended to update the scope, referenced standards, and abbreviations, and to update the clauses on engineering requirements, system life cycle, and on quality assurance.

SANS 61850-7-4:2021 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 Consolidated edition incorporating amendment No.1.</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.
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). Consolidated edition incorporating amendment No.1.</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 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, SETTINGGROUP-CONTROL-BLOCK class model, REPORT-CONTROLBLOCK 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 on generic substation state event, and 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 1221:2021 Ed 3.2	<i>Detergent skin cleansers (non-cosmetic). Consolidated edition incorporating amendment No.2.</i> Amended to update referenced standards.

### 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 6076:1983	<i>Ether-soluble matter content (PVC upper, outer sole and heel materials)</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.