

## DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

## NOTICE 337 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 61158-3-2 Ed 1	<i>Industrial communication networks - Fieldbus specifications – Part 3-2: Data-link layer service definition – Type 2 elements.</i> Defines in an abstract way the externally visible service provided by the Type 2 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.	2021-06-29
SANS 61158-3-8 Ed 1	<i>Industrial communication networks – Fieldbus specifications – Part 3-8: Data-link layer service definition – Type 8 elements.</i> Defines in an abstract way the externally visible service provided by the Type 8 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.	2021-06-29
SANS 10400-Q Ed 4	<i>The application of the National Building Regulations – Part Q: Non-water-borne means of sanitary disposal.</i> Specifies deemed-to-satisfy requirements for compliance with part Q (Non-Water-Borne Means of Sanitary Disposal) of the National Building Regulations.	2021-06-29
SANS 60079-19 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".	2021-06-29
SANS 61158-3-7 Ed 1	<i>Industrial communication networks – Fieldbus specifications – Part 3-7: Data-link layer service definition – Type 7 elements.</i> Provides common elements for basic time-critical messaging communications between devices in an automation environment.	2021-06-29
SANS 61158-3-21 Ed 1	<i>Industrial communication networks - Fieldbus specifications - Part 3-21: Data-link layer service definition – Type 21 elements.</i> Defines in an abstract way the externally visible service provided by the Type 21 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 that they take and the interrelationships between these actions and events, and their valid sequences.	2021-06-29
SANS 61158-3-1 Ed 1	<i>Industrial communication networks – Fieldbus specifications – Part 3-1: Data-link layer service definition – Type 1 elements.</i> Defines in an abstract way the externally visible service provided by the Type 1 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.	2021-06-29

SANS 61158-3-11 Ed 1	<i>Industrial communication networks – Fieldbus specifications – Part 3-11: Data-link layer service definition – Type 11 elements.</i> Defines in an abstract way the externally visible service provided by the Type 11 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.	2021-06-29
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### 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 182-4 Ed 1.3	<i>Conductors for overhead electrical transmission lines – Part 4: Copper-covered steel wire for telecommunication purposes</i>	Amended to delete appendix on notes to purchasers and to update the definitions.	2021-07-06

### 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 21277:2021 Ed 1	<i>Information technology – Radio frequency identification device performance test methods – Crypto suite.</i> Defines test methods to measure the performance of crypto suites of radio frequency identification (RFID) devices (tags and interrogators) for item management as specified in ISO/IEC 18000-63 and ISO/IEC 29167 (all parts).
SANS 8528-8:2021 Ed 2	<i>Reciprocating internal combustion engine driven alternating current generating sets – Part 8: Requirements and tests for low-power generating sets.</i> Defines design requirements, minimum performances and type tests for lowpower generating sets driven by reciprocating internal combustion engines for land and marine use (domestic, recreational and industrial application), excluding generating sets used on aircraft..
SANS 10139:2021 Ed 4	<i>Code of practice for design, installation, commissioning and maintenance of fire detection and alarm systems in non-domestic premises.</i> Provides recommendations for the planning, design, installation, commissioning and maintenance of fire detection and fire alarm systems in and around buildings, other than dwellings.
SANS 11890-2:2021 Ed 2	<i>Paints and varnishes – Determination of volatile organic compounds (VOC) and/or semi volatile organic compounds (SVOC) content – Part 2: Gas-chromatographic method.</i> Applies for the determination of VOC and SVOC with an expected VOC and/or SVOC content greater than 0,01 % by mass up to 100 % by mass.

Standard No. and year	Title, scope and purport
SANS 51276:2021 Ed 3	<i>Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of bactericidal activity of chemical disinfectants and antiseptics used in food, industrial, domestic, and institutional areas – Test method and requirements (phase 2, step 1).</i> Specifies a test method and the minimum requirements for bactericidal activity of chemical disinfectant and antiseptic products that form a homogeneous, physically stable preparation when diluted with hard water or - in the case of ready-to-use products - with water.
SANS 54476:2021 Ed 2	<i>Chemical disinfectants and antiseptics – Virucidal quantitative suspension test for chemical disinfectants and antiseptics used in human medicine – Test method and requirements (phase 2, step 1).</i> Specifies a test method and the minimum requirements for virucidal activity of chemical disinfectant and antiseptic products that form a homogeneous physically stable preparation when diluted with hard water or in the case of ready-to-use products, i. e. products that are not diluted when applied, with water.

### 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 1676-5:2013 Ed 1	<i>Acoustics – Laboratory measurement of sound insulation of building elements – Part 5: Requirements for test facilities and equipment. This edition incorporates a loose leaf amendment.</i> Amended to update the introduction and the clause on laboratory test facilities for impact sound insulation measurements, to add new information to the subclause on impact sound sources, and to add new annexes on specification of heavy and intense rain with example of a tank with perforated base and on reference test specimens for rainfall sound measurements.
SANS 60335-2-47:2021 Ed 4.2	<i>Household and similar electrical appliances – Safety – Part 2-47: Particular requirements for commercial electric boiling pans. Consolidated edition incorporating amendment No</i> Amended to update the scope, referenced standards, terms and definitions, the requirements for marking and instructions, heating, leakage current and electric strength at operating temperature, moisture resistance, and for leakage current and electric strength, to delete the note to the clause on abnormal operation, to update the requirements for construction, supply connection and external flexible cords, screws and connections, and for resistance to heat and fire, radiation, toxicity and similar hazards, and to add the annex on guidance for the application of this standard to appliances used in tropical climates.
SANS 1703:2021 Ed 1.3	<i>Shade netting. Consolidated edition incorporating amendment No 3.</i> Amended to update the subclause on bursting strength (knitted netting), and 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
SANS 61851-21:2014 Ed 1	<i>Electric vehicle conductive charging system – Part 21: Electric vehicle requirements for conductive connection to an a.c./d.c. supply.</i>

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 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.