

## DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

## NOTICE 543 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 21398 Ed 2	<i>Hard coal and coke – Guidance to the inspection of mechanical sampling systems.</i> Sets out recommended practices for the inspection of mechanical sampling systems, and serves as a guide for conformance with applicable ISO/TC 27 standards.	2021-10-24
SANS 50200 Ed 2	<i>Method of test for resistance to fire of unprotected small cables for use in emergency circuits.</i> Specifies the test method for cables designed to have intrinsic resistance to fire and intended for use as emergency circuits for alarm, lighting and communication purposes.	2021-10-28

## 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 619 Ed 2.3	<i>Emulsifiable cutting oil (light duty)</i>	Amended to update referenced standards, to move Annex A to clause 2 (normative references) and to delete reference to ASTM and Energy Institute physical addresses and to rearrange numbering.	2021-10-26

## 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 61158-3-3:2021 Ed 1	<i>Industrial communication networks – Fieldbus specifications – Part 3-3: Data-link layer service definition – Type 3 elements.</i> Defines in an abstract way the externally visible service provided by the Type 3 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.
SANS 61158-3-7:2021 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.
SANS 61158-3-14:2021 Ed 1	<i>Industrial communication networks – Fieldbus specifications – Part 3-14: Data-link layer service definition – Type 14 elements.</i> Provides common elements for basic time-critical messaging communications between devices in an automation environment.
SANS 1195:2021 Ed 2	<i>Busbars.</i> Applies to busbars (made of copper, aluminium, or an alloy of aluminium) in the form of bars, rods, tubes, channels, and angles, and intended for use as electrical conductors.
SANS 1661:2021 Ed 4	<i>Cord extension sets.</i> Specifies the safety requirements for cord extension sets with a rated current not exceeding 16 A and a rated single-phase voltage not exceeding 250 V a.c. intended for household and similar general-purpose equipment.
SANS 1037:2021 Ed 2	<i>Standard ceramic transformer bushings.</i> Covers outdoor, oil filled, hollow ceramic bushings for use on distribution transformers having a rated maximum voltage (Um) up to and including 36 kV.
SANS 60947-4-3:2021 Ed 3	<i>Low-voltage switchgear and controlgear – Part 4-3: Contactors and motor-starters – Semiconductor controllers and semiconductor contactors for non-motor loads.</i> Applies to semiconductor controllers and semiconductor contactors for nonmotor load 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 28927-2:2014 Ed.1	<i>Hand-held portable power tools – Test methods for evaluation of vibration emission – Part 2: Wrenches, nutrunners and screwdrivers</i> This edition contains a loose-leaf amendment. Amended to replace the annex on brakes devices - assembly specification and example drawings of parts, to add a new annex on drawings, example of brake blocks, and to update referenced standards.
SANS 3001-AS23:2021 Ed 1.1	<i>Civil engineering test methods – Part AS23: Determination of moisture in asphalt.</i> Consolidated edition incorporating amendment No.1. Amended to update the introduction, a requirement on apparatus, the test sample preparation requirements, and procedure.
SANS 1851:2021 Ed 1.3	<i>Lubricating grease.</i> Consolidated edition incorporating amendment No.3. Amended to update referenced standards, to delete the annex on notes to purchasers, and the reference to certification mark.

SANS 1798:2021 Ed 2.2	<i>Bottled tomato sauce Consolidated edition incorporating amendment No.2.</i> Amended to update referenced standards, to update the table on colorimetric values, and to delete a tradename.
SANS 1199:2021 Ed 2.4	<i>The production of mageu. Consolidated edition incorporating amendment No.4.</i> Amended to update the clause on requirements for the factory and employees, to move reference to legislation to the foreword, to delete the reference to a trade name, and to update the clause on inspection and methods of chemical analysis.
SANS 10331:2021 Ed 1.1	<i>Translocation of certain species of wild herbivore. Consolidated edition incorporating amendment No.1.</i> Amended to delete the clause on background, to move reference to legislation, departments, and authority to the foreword, to update the annex on nature conservation permits for the transportation of wild animals, and to update the bibliography.

### 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](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.