

## DEPARTMENT OF TRADE AND INDUSTRY

## NOTICE 517 OF 2019

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 10005 Ed 9	<i>The preservative treatment of timber.</i> Covers the classification of timber preservatives, hazard conditions for timber, the solvents used for timber preservatives, the preparation of timber for treatment, the various treatment processes and the use of preservative-treated timber in specific areas in South Africa	2019-10-29
SANS 60287-3-2 Ed 2	<i>Electric cables - Calculation of the current rating Part 3-2: Sections on operating conditions - Economic optimization of power cable size.</i> Sets out a method for the selection of a cable size taking into account the initial investment costs and the future costs of energy losses during the economic life of the cable.	2019-10-29
SANS 1811 Ed 1	<i>Thermal paper rolls.</i> Covers thermal paper, in rolls, intended for use in printing machines of the thermal type, in order to issue receipts, slips, tax invoices and other general documents	2019-11-04
SANS 1885 Ed 3	<i>AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 36 Kv.</i> Specifies the requirements for factory-assembled, modular design, metal-enclosed switchgear panels for indoor installation, for rated a.c. voltages above 1 kV and up to and including 36 kV, for use on three-phase systems. Enclosures may include fixed and removable components.	2019-11-01
SANS 10114-1 Ed 4	<i>Interior lighting Part 1: Artificial lighting of interiors.</i> This part of SANS 10114 covers requirements for good lighting and also basic guidelines for, and recommendations on, the design of artificial lighting installations for general interior locations. It is primarily aimed at new installations in interior workplaces, but also applies in general to other interior locations. This part of SANS 10114 does not cover security lighting or emergency lighting installations. Reference to regulation has been removed in this edition.	2019-11-01
SANS 19600 Ed 1	<i>Compliance management systems – Guidelines.</i> Provides guidance for establishing, developing, implementing, evaluating, maintaining and improving an effective and responsive compliance management system within an organization.	2019-11-01
SANS 60137 Ed 4	<i>Insulated bushings for alternating voltages above 1 000 V.</i> Applicable to bushings intended for use in electrical apparatus, machinery, transformers, switchgear and installations for three-phase alternating current systems, having highest voltage for equipment above 1 000 V and power frequencies of 15 Hz up to and including 60 Hz.	2019-11-04
SANS 14520-14 Ed 3	<i>Gaseous fire-extinguishing systems - Physical properties and system design Part 14: IG-55 extinguishant.</i> Contains specific requirements for gaseous fire-extinguishing systems, with respect to the IG-55 extinguishant.	2019-11-10
SANS 10400-D Ed 4	<i>The application of the National Building Regulations Part D: Public safety.</i> Provides deemed-to-satisfy	2019-11-12

**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 433 Ed 2.1	<i>Barrier creams.</i>	Amended to delete the sub-clauses on <i>Sporotrichum buermani</i> , and <i>Candida albicans</i> .	2019-11-04
SANS 868-4 Ed 1.2	<i>Compression-ignition engine systems and machines powered by such engine systems, for use in mines and plants with explosive gas atmospheres or explosive dust atmospheres or both Part 4: Non-hazardous locations in underground coal mines.</i>	Amended to update the foreword, to update referenced standards, to update definitions, to update the clause on requirements, and to update the requirements for marking. .	2019-11-05

**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

**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 20128:2019 Ed 1	<i>Uniform provisions concerning the approval of light emitting diode (LED) Light Sources for use in approved lamp units of power-driven vehicles and their trailers.</i> Applies to LED light sources and intended for use in approved signalling lamp units of power-driven vehicles and of their trailers.
SANS 41012:2019 Ed 1	<i>Facility management - Sourcing - Guidance on strategic sourcing and the development of agreements.</i> Provides guidance on sourcing and development of agreements in facility management (FM).
SANS 60079-0:2019 Ed 6	<i>Explosive atmospheres Part 0: Equipment - General requirements.</i> Specifies the general requirements for construction, testing and marking of Ex Equipment and Ex Components intended for use in explosive atmospheres.
SANS 1137:2019 Ed 2	<i>Standard test method for collection and measurement of dustfall (settleable particulate matter).</i> Covers a procedure for collection of dustfall and its measurement.

Standard No. and year	Title, scope and purport
SANS 1517:2019 Ed 4	<i>High performance engine lubricating oil for diesel engines (for API Service Category CI-4).</i> Covers one type of engine lubricating oil suitable for the crankcase lubrication of naturally aspirated, and forced induction compression-ignition engines that operate under the conditions described in API Service Category CI-4.

### 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 1007:2019 Ed 1.1	<i>Reciprocating internal-combustion engine-driven alternating-current low power generating sets.</i> Consolidated edition incorporating amendment No.1. Amended to update referenced standards.
SANS 1193:2019 Ed 2.1	<i>Toughened safety glass for vehicles.</i> Consolidated edition incorporating amendment No.1. Amended to update referenced standards.
SANS 164-0:2019 Ed 1.6	<i>Plug and socket-outlet systems for household and similar purposes for use in South Africa - Part 0: General requirements.</i> Consolidated edition incorporating amendment No.6. Amended to update the clause on requirements, and to renumber a figure and a note accordingly.
SANS 306-4:2019 Ed 1	<i>Fire extinguishing installations and equipment on premises Part 4: Specification for carbon dioxide systems.</i> Consolidated edition incorporating amendment No.1. Amended to update the introduction, scope, referenced standards, the clauses on characteristics and uses of carbon dioxide, types of system, specifications, plans and approvals, commissioning and acceptance, inspection, maintenance, testing and training, total flooding systems, local application systems, system components, system operation, safety precautions, storage containers, pipework, installation of pipework, the annexes on service schedule, and on examples of calculation of carbon dioxide requirements.
SANS 10160-3:2019 Ed 2.1	<i>Basis of structural design and actions for buildings and industrial structures Part 3: Wind actions.</i> Consolidated edition incorporating amendment No.1. Amended to update definitions and the table on recommended values of effective slenderness for cylinders, polygonal sections, rectangular sections, sharp-edged structural sections and lattice structures.

### 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 60874-1-1:2007 Ed 3	<i>Connectors for optical fibres and cables Part 1: Generic specification.</i>
SANS 60874-1-1:2007 Ed 2	<i>Connectors for optical fibres and cables Part 1-1: Blank detail specification.</i>
SANS 60874-14-1:1997 Ed 1	<i>Connectors for optical fibres and cables Part 14-1: Detail specification for fibre optic connector type SC-PC standard terminated to multimode fibre type A1a, A1b.</i>
SANS 60874-14--2:1997 Ed 1	<i>Connectors for optical fibres and cables Part 14-2: Detail specification for fibre optic connector type SC-PC tuned terminated to single-mode fibre type B1.</i>
SANS 60874-19-2:2000 Ed 1	<i>Installation of telecommunication cables Part 1: Fibre optic cable in buildings.</i>
SANS 60794-2-30:2009 Ed 2	<i>Optical fibre cables Part 2-30: Indoor cables - Family specification for ribbon cables.</i>
SANS 60794-2-31:2006 Ed 1	<i>Optical fibre cables Part 2-31: Indoor cables - Detailed specification for optical fibre ribbon cables for use in premises cabling.</i>

**SCHEDULE B.4: REINSTATEMENT OF WITHDRAWN STANDARD**

In terms of section 4(2) (1) the South African Bureau of Standards has established the following technical committees:

Draft Standard No. and Edition	Title	Scope of amendment	Reason

**SCHEDULE B.5: ESTABLISHMENT OF TECHNICAL COMMITTEES**

In terms of section 4(2) (1) the South African Bureau of Standards has established the following technical committees:

Technical Committee No.:	Title	Scope

**SCHEDULE B.6: DISBANDMENT OF TECHNICAL COMMITTEES**

In terms of section 4(2) (1) the South African Bureau of Standards has disbanded the following technical committees:

Technical 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 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.