

## DEPARTMENT OF TRADE AND INDUSTRY

## NOTICE 393 OF 2018

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 61131-2 Ed 2	<i>Programmable controllers Part 2: Equipment requirements and tests.</i> Applies to programmable controllers (PLCs), their associated peripherals, and human machine interfaces (HMIs) which has as their intended use the control and command of machines and industrial processes.	2018-08-14
SANS 10131 Ed 2	<i>Above-ground storage tanks for petroleum products.</i> Contains recommendations for the above-ground storage and handling of petroleum products at consumer installations with a total storage capacity not exceeding 200 m <sup>3</sup> .	2018-08-14
SANS 1557 Ed 4	<i>Sunscreen products.</i> Specifies requirements for topically applied cosmetic products claiming sun protection properties, and provides a basis for the evaluation of such products in accordance with performance criteria. It also specifies requirements for the advertising and labelling of sunscreen products.	2018-08-20
SANS 10134 Ed 3	<i>Safety of private swimming pools.</i> Lays down responsibilities, principles, methods, and planning techniques for the protection of children from the hazards of swimming pools situated on private premises, and makes recommendations for the design and installation of typical protective devices that are intended to prevent a child from gaining access to a swimming pool.	2018-07-24
SANS 474 Ed 2	<i>Electricity metering - Standards requirements.</i> Specifies the procedures and standards to be adhered to by electricity licensees and their agents in operating and servicing new and existing metering installations which are to be used for billing purposes. The standard is applicable to metering installations in their entirety, including all measuring transformers, wiring, cabling, metering panel construction, active and reactive energy meters, data loggers, and associated test facilities	2018-08-27

## 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

## 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
SANS 6446 Ed 1	<i>Rubber products - Bridge bearings - Specification for rubber materials</i>	The standard is not used.	2018-09-30
SANS 10326 Ed 1.1	<i>Structural bearings - The design of bridge bearings</i>	The standard is not used.	2018-09-30

**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 10142-1-1:2018 Ed 1	<i>The wiring of premises Part 1-1: Low-voltage installation in medical locations.</i> Applies to electrical installations in medical locations so as to ensure safety of patients and medical staff.
SANS 62586-1:2018 Ed 1	<i>Power quality measurement in power supply systems - Part 1: Power quality instruments (PQI).</i> Specifies product and performance requirements for instrument whose functions include measuring, recording and possibly monitoring power quality parameters in power supply systems, and whose measuring methods (class A or class S) are defined in IEC 61000-4-30 (published in South Africa as an identical adoption under the designation SANS 61000-4-30).
SANS 16877:2018 Ed 1	<i>Round steel short link chains for lifting purposes - Fine tolerance hoist chains for hand operated chain hoists - Grade TH.</i> Specifies the requirements for fine-tolerance hoist chains of grade TH for use as load chains in hand operated chain hoists for lifting purposes.
SANS 1461:2018 Ed 1	<i>Major Hazard Installation - Risk Assessments.</i> Covers the specific criteria for the performance of quantitative risk assessments on installations storing, using, processing or producing hazardous substances (hereinafter referred to as hazardous installations) and cross country pipelines transporting hazardous substances.
SANS 22870:2018 Ed 2	<i>Point-of-care testing (POCT) - Requirements for quality and competence.</i> Gives specific requirements applicable to point-of-care testing and is intended to be used in conjunction with ISO 15189 (published in South Africa as an identical adoption under the designation SANS 15189).

**SCHEDULE B.2: AMENDMENT/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 164-0:2018 Ed 1.5	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.5.</i> Amended to change the title of the standard, and to update the list of parts in the foreword, referenced standards and requirements.
SANS 164-1:2018 Ed 5.4	Plug and socket-outlet systems for household and similar purposes for use in South Africa Part 1: Two-pole and earth, 16 A 250 V a.c. system. <i>Consolidated edition incorporating amendment No.4.</i> Amended to change the title of the standard, to remove reference to the replacement of SANS 164-1 with SANS 164-2 as the applicable standard for the conventional plug and socket-outlet system in South Africa from the foreword, and to update the list of parts in the foreword.
SANS 164-2-1:2018 Ed 1.1	Plug and socket-outlet systems for household and similar purposes for use in South Africa Part 2-1: Two-pole and earth, 16 A 250 V a.c. partially dedicated system. <i>Consolidated edition incorporating amendment No.1.</i> Amended to change the title of the standard, and to update the list of parts in the foreword.
SANS 164-2:2018 Ed 3.2	Plug and socket-outlet systems for household and similar purposes for use in South Africa Part 2: Two-pole and earth and 2 pin (Class II), 16 A 250 V a.c. system. <i>Consolidated edition incorporating amendment No.2.</i> Amended to change the title of the standard, to update the list of parts in the foreword, and to update referenced standards.

Standard No. and year	Title, scope and purport
SANS 10313:2018 Ed 3.3	Protection against lightning - Physical damage to structures and life hazard. <i>Consolidated edition incorporating amendment No.3.</i> Amended to update referenced standards, and the table on lightning ground flash density Ng.
SANS 60811-410:2018 Ed 1.1	<i>Electric and optical fibre cables - Test methods for non-metallic materials Part 410: Miscellaneous tests - Test method for copper-catalyzed oxidative degradation of polyolefin insulated conductors. Consolidated edition incorporating amendment No.1.</i> Amended to update the requirements for test methods and the figure on evaluation of OIT from recorded-time-based thermogram.
SANS 60811-509:2018 Ed 1.1	<i>Electric and optical fibre cables - Test methods for non-metallic materials Part 509: Mechanical tests - Test for resistance of insulations and sheaths to cracking (heat shock test). Consolidated edition incorporating amendment No.1.</i> Amended to update the requirements for test methods, sample and test piece preparations, and sample and test piece sheaths.
SANS 61034-2:2018 Ed 3.1	<i>Measurement of smoke density of cables burning under defined conditions Part 2: Test procedure and requirements. Consolidated edition incorporating amendment No.1.</i> Amended to update referenced standards, the requirements for test assembly, test procedure, evaluation of test results, and retest procedure, to add the figure on method of assembly of flat horizontal unit of non-circular cables, and to update the annex on guidance on the principles and use of smoke measurements.

**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 10140-5:2018 Ed 2.4	<i>Identification colour marking Part 5: Coding of containers for carrying lubricants and associated fluids.</i>

**SCHEDULE B.4: ESTABLISHMENT OR DISBANDMENT OF TECHNICAL COMMITTEES**

In terms of section 4(2) (1) the South African Bureau of Standards has established/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: ADDRESSES OF THE SOUTH AFRICAN BUREAU OF STANDARDS OFFICES**

The addresses of offices of the South African Bureau of Standards where copies of the standards mentioned in this notice can be obtained, are as follows:

1. Gauteng Head Office, 1 Dr Lategan Road, Groenkloof, Private Bag X191, Pretoria 0001.
2. Western Cape Regional Office, SABS, Liesbeek Park Way, Rosebank, PO Box 615, Rondebosch 7701.
3. Eastern Cape Regional Office, SABS, 30 Kipling Road, cor. Diaz and Kipling Roads, Port Elizabeth, PO Box 3013, North End 6056.
4. KwaZulu-Natal Regional Office, SABS, 15 Garth Road, Waterfall Park, Durban, PO Box 30087, Mayville 4058.