

## DEPARTMENT OF TRADE AND INDUSTRY

## NOTICE 275 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 3001-CO2-7 Ed 1	<i>Civil engineering test methods Part CO2-7: Initial drying shrinkage and wetting expansion of concrete.</i> Specifies a method of determining the initial drying shrinkage and wetting expansion of specimens of freshly cast concrete. It is not applicable to matured or hardened concrete or to concrete that contains expansion-inducing agents or to precast concrete products	2019-06-30
SANS 3001-CO2-6 Ed 1	<i>Civil engineering test methods Part CO2-6: Tensile splitting strength of hardened concrete.</i> Describes a method of determining the tensile splitting strength of cylindrical, cubical and prismatic test specimens of hardened concrete.	2019-06-30
SANS 3001-CO2-1 Ed 1	<i>Civil engineering test methods - Part CO2-1: Dimensions, tolerances and uses of cast test specimens.</i> Describes a method of ensuring that the nominal dimensions and shape of cast concrete test specimens in the form of cubes, cylinders, or rectangular prisms of square cross section are suitable for the determination of the applicable strength, for example compressive, bending (flexural) and splitting strength	2019-06-30
SANS 3001-CO2-3 Ed 1	<i>Civil engineering test methods - Part CO2-3: Compressive strength of hardened concrete.</i> Specifies a method of determining the compressive strength of test specimens of hardened concrete. The test specimens may consist of cubes or cylinders or specimens cut from half-prisms that have been used for the determination of flexural strength to meet the dimensional requirements of this document.	2019-06-30
SANS 3001-CO2-8 Ed 1	<i>Civil engineering test methods Part CO2-8: Density of hardened concrete.</i> Specifies a method of determining the density of hardened concrete. It is applicable to all types of as-received, saturated and oven-dried concrete.	2019-06-30
SANS 3001-CO2-5 Ed 1	<i>Civil engineering test methods Part CO2-5: Flexural strength of hardened concrete.</i> Specifies two methods of determining the flexural strength of hardened concrete	2019-06-30
SATR 61131-8 Ed 1	<i>Programmable controllers - Part 8: Guidelines for the application and implementation of programming languages.</i> Applies to the programming of programmable controller systems using the programming languages defined in IEC 61131-3. It also provides guidelines for the implementation of these languages in programmable controller systems and their programming support environments (PSEs).	2019-06-25

## 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 withdrawn 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 30500:2019 Ed 1	<i>Non-sewered sanitation systems — Prefabricated integrated treatment units — General safety and performance requirements for design and testing.</i> Specifies general safety and performance requirements for design and testing as well as sustainability considerations for non-sewered sanitation systems (NSSS). A NSSS, for the purposes of this document, is a prefabricated integrated treatment unit, comprising frontend (toilet facility) and backend (treatment facility) components that a) collects, conveys, and fully treats the specific input within the system, to allow for safe reuse or disposal of the generated solid, liquid, and gaseous output, and b) is not connected to a networked sewer or networked drainage systems..
SANS 33003:2019 Ed 1	<i>Information technology — Process assessment — Requirements for process measurement frameworks.</i> Sets out the requirements for process measurement frameworks for use in process assessment. The requirements defined in this Standard form a structure which a) establish the requirements for process measurement frameworks in the context of process assessment, b) establish the requirements for the validation of process measurement frameworks for use in process assessment, and c) establish requirements that are applicable to any process measurement frameworks to develop composite measures across domains.
SANS 1718-1:2019 Ed 3	<i>Gambling equipment Part 1: Casino equipment.</i> Specifies the constructional and operational requirements for gambling devices (GDs) that reside on, or are operated on (or both), the gambling floor of a casino.  Equipment covered by the requirements of this part of standard includes a) gambling machines, b) jackpot controllers and displays, and c) machine consoles. Covers the harvest, manufacture, processing, transport, handling and treatment of dried abalone.
SANS 19011:2019 Ed 3	<i>Guidelines for auditing management systems.</i> Provides guidance on auditing management systems, including the principles of auditing, managing an audit programme and conducting management system audits, as well as guidance on the evaluation of competence of individuals involved in the audit process. These activities include the individual(s) managing the audit programme, auditors and audit teams.  It is applicable to all organizations that need to plan and conduct internal or external audits of management systems or manage an audit programme.

Standard No. and year	Title, scope and purport
SANS 31000:2019 Ed 2	<i>Risk management — Guidelines.</i> Provides guidelines on managing risk faced by organizations. The application of these guidelines can be customized to any organization and its context. Provides a common approach to managing any type of risk and is not industry or sector specific and can be used throughout the life of the organization and can be applied to any activity, including decision-making at all levels..

**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 236:2019 Ed 3.1	<i>Filled bar soap. Consolidated edition incorporating amendment No.1</i> Amended to update the requirements.
SANS 344:2019 Ed 1.2	<i>Dynamic measuring devices and systems for cryogenic liquids. Consolidated edition incorporating amendment No.2.</i> Amended to remove reference to South African regulation from the foreword, and to update referenced standards.
SANS 1529-9:2019 Ed 2.2	<i>Water meters for cold and hot potable water Part 9: Requirements for electronic indicators used with mechanical water meters, electronic water meters and electronic prepayment water measuring systems. Consolidated edition incorporating amendment No.2.</i> Amended to update the title of the standard, referenced standards, cross references, requirements and to renumber the subclauses accordingly, to update the clause on inspection and methods of test and to renumber the subclauses accordingly, to update the clause on metrology controls, and to update the annex on verification of used water meters when tested in the installation in which they are used.
SANS 1718-8:2019 Ed 1.1	<i>Gaming equipment Part 8: Roulette wheels. Consolidated edition incorporating amendment No.1.</i> Amended to update definitions.

**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 B.4: ESTABLISHMENT OF TECHNICAL COMMITTEES**

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

Technical Committee No.:	Title	Scope

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

In terms of section 4(2) (l) 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: 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.