

## DEPARTMENT OF TRADE AND INDUSTRY

## NOTICE 496 OF 2016

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.

## SCHEDULE 1: ISSUE OF 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 418:2016/ ASTM C 156:2011	<i>Standard test method for water loss (from a mortar specimen) through liquid membrane-forming curing compounds for concrete.</i> Covers laboratory determination of the efficiency of liquid membrane-forming compounds for curing concrete, as measured by their ability to reduce moisture loss from mortar specimens during the early-hardening period.
SANS 423:2016/ ASTM C 309:2011	<i>Standard specification for liquid membrane-forming compounds for curing concrete.</i> Covers liquid membrane-forming compounds suitable for application to concrete surfaces to reduce the loss of water during the early-hardening period.
SANS 11863:2016/ ISO 11863:2011	<i>Buildings and building-related facilities - Functional and user requirements and performance - Tools for assessment and comparison.</i> Specifies how to determine functional performance requirements (demand) for buildings and building-related facilities, and how to check the capability of buildings and facilities to meet identified requirements (supply). Specifies how to determine the relative importance of each requirement, establish thresholds for capability, and evaluate the significance of differences between what is required and actual capabilities. Applies to any size or scope of assets of buildings and building-related facilities, e.g. to a portfolio of assets at a single site or multiple sites, to assets of a single small building, and to any constituent system, sub-system, component or element thereof. Applies to a range of roles, from owners and managers to occupants, tenants, or other users or stakeholders. Applies to any asset type within the field of buildings and civil engineering works, including certain public works, equipment and materiel. It is particularly useful for entities having control or occupancy of a portfolio of such assets.
SANS 21931-1:2016/ ISO 21931:2010	<i>Sustainability in building construction - Framework for methods of assessment of the environmental performance of construction works - Part 1: Buildings.</i> Provides a general framework for improving the quality and comparability of methods for assessing the environmental performance of buildings and their related external works.
SANS 24616:2016/ ISO 24616:2012	<i>Language resources management - Multilingual information framework.</i> Provides a generic platform for modeling and managing multilingual information in various domains, localization, translation, multimedia annotation, document management, digital library support, and information or business modeling applications. Also provides strategies for the interoperability and/or linking of models including, but not limited to, XLIFF (Localization Interchange File Format), TMX (Transition Memory eXchange), smilText (Synchronized Multimedia Integration Language) and ITS (Internationalization Tag Set).
SANS 24619:2016/ ISO 24619:2011	<i>Language resource management - Persistent identification and sustainable access (PISA).</i> Specifies requirements for the persistent identifier (PID) framework and for using PIDs as references and citations of language resources in documents as well as in language resources themselves.
SATR 29144:2016/ ISO/IEC TR 29144:2014	<i>Information technology - Biometrics - The use of biometric technology in commercial Identity Management applications and processes.</i> Specifies concepts and considerations for use of biometrics in commercial Identity Management solutions, items that need to be considered when integrating biometrics into commercial Identity Management solutions and implementation issues when implementing biometrics into commercial Identity Management solutions.
SATR 29194:2016/ ISO/IEC TR 29194:2015	<i>Information technology - Biometrics - The use of biometric technology in commercial Identity Management applications and processes.</i> Specifies concepts and considerations for use of biometrics in commercial Identity Management solutions, items that need to be considered when integrating biometrics into commercial Identity Management solutions and implementation issues when implementing biometrics into commercial Identity Management solutions.
SANS 61481-1:2016/ IEC 61481-1:2014	<i>Live working - Phase comparators - Part 1: Capacitive type to be used for voltages exceeding 1 kV a.c.</i> Applies to portable phase comparators of capacitive type to be used on electrical systems for voltages exceeding 1 kV a.c. and frequencies of 50 Hz or 60 Hz (or both).
SANS 101953-2-2:2016/ ETSI TR 101953-2-2:2004	<i>Access network xDSL transmission filters Part 2-2: VDSL splitters for European deployment - Specification of Testing methods for high pass part of VDSL/POTS splitters.</i> Describes test methods for the high pass section of VDSL/POTS splitters, which are intended to be installed at the local exchange side of the local loop and at the user side near the network termination point (NTP).
SANS 301908-15:2016/ ETSI EN 301908:2011	<i>IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&amp;TTE Directive; Part 15: Evolved Universal Terrestrial Radio Access(E-UTRA FDD) (Repeaters).</i> Applies to repeaters for Evolved Universal Terrestrial Radio Access (E-UTRA) (FDD) radio equipment type.

**SCHEDULE 2: AMENDMENT OF EXISTING 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 181:2016 (E.d 4)	<i>Thermostatic controls for electric storage water heaters.</i> Covers requirements, testing and characteristics of thermostats and thermal cut-outs for use in electric storage water heaters.
SANS 353:016/ ISO 113:2010	<i>Rolling bearings - Plummer block housings - Boundary dimensions.</i> Specifies boundary dimensions for two-bolt plummer box housings primarily intended for rolling bearings in diameter series 0, 1, 2 and 3, as specified in ISO 15 (published in South Africa as an identical adoption under the designation SANS 445), and for four-bolt plummer block housings primarily intended for rolling bearings in diameter series 0, 1 and 2.
SANS 445:2016/ ISO 15:2011	<i>Rolling bearings - Radial bearings - Boundary dimensions, general plan.</i> Specifies preferred boundary dimensions for radial bearings of the diameter series 7, 8, 9, 0, 1, 2, 3 and 4.
SANS 952-2:2016 (E.d 1.1)	<i>Polymer film for damp-proofing and waterproofing in buildings Part 2: Laminated (non-woven) products. Consolidated edition incorporating amendment No. 1.</i> Amended to modify the requirements for membrane material, and to update the tables on required additives and on mechanical and physical properties.
SANS 1387 SET:2016 (E.d 3.2)	<i>Woven cotton and similar apparel fabrics Parts 1 – 11. Consolidated edition incorporating amendment No. 1.</i> Amended to update a referenced standard and include acid repellent requirements in part 4.
SANS 1464-22:2016 (E.d 2)	<i>Safety of luminaires Part 22: Luminaires for emergency lighting.</i> Specifies requirements for the safety of emergency lighting luminaires for use with lamps and LED light sources that operate at supply voltages not exceeding 1 000 V.
SANS 1524-8:2016/ NRD 009-8:2012 (E.d 1.1)	<i>Electricity payment systems Part 8: The management of secure modules. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation "SANS 1524-8/NRS 009-8" to read "SANS 1524-8", and to delete the annex on example of a sample secure module coding request form.
SANS 1851:2016 (E.d 2)	<i>Lubricating grease. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards, and to update the definitions.
SANS 4381:2016/ ISO 4381:2011 (E.d 2)	<i>Plain bearings - Tin casting alloys for multilayer plain bearings.</i> Specifies requirements for bearing metals based on tin casting alloys for multilayer plain bearings. Refers to chemical composition and material properties of the original unprocessed material and are measured on representative samples.
SANS 8443:2016/ ISO 8443:2011 (E.d 2)	<i>Rolling bearings - Radial ball bearings with flanged outer ring - Flange dimensions.</i> Specifies flange dimensions of single-row radial ball bearings with flanged outer ring and single-row angular contact ball bearings with flanged outer ring.
SANS 10400-C:2016 (E.d 3.1)	<i>The application of the National Building Regulations -- Part C: Dimensions.</i> Amended to delete the annex on the dimensions (annex A) and the annex on the differences in performance between category 1 buildings and non-category 1 buildings (annex C), and to delete all references to these annexes.
SANS 14443-4:2016/ ISO/IEC 14443-4:2008	<i>Identification cards - Contactless integrated circuit cards - Proximity cards Part 4: Transmission protocol.</i> Specifies a half-duplex block transmission protocol featuring the special needs of a contactless environment and defines the activation and deactivation sequence of the protocol. Applicable to proximity cards or objects of type A and type B.
SANS 16022:2008/ ISO/IEC 16022:2006	<i>Information technology - Automatic identification and data capture techniques - Data Matrix bar code symbology specification.</i> Defines the requirements for the symbology known as Data Matrix.
SANS 50054-3:2001/ EN 54-3:2001	<i>Fire detection and fire alarm systems Part 3: Fire alarm devices – Sounders.</i> Specifies requirements, test methods and performance criteria for fire alarm sounders in a fixed installation intended to signal an audible warning of fire between a fire detection and fire alarm system and the occupants of a building. Specifies fire alarm sounders for indoor and for outdoor use.
SANS 61641:2016/ IEC/TR 61641:2014	<i>Enclosed low-voltage switchgear and controlgear assemblies - Guide for testing under conditions of arcing due to internal fault.</i> Gives guidance on the method of testing of assemblies under conditions of arcing in air due to an internal fault.
SANS 301893:2016/ ETSI EN 301893:2015 (E.d 2)	<i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic compatibility (EMC) standard for radio equipment and services Part 9: Specific conditions for wireless microphones, similar Radio Frequency (RF) audio link equipment, cordless audio and in-ear monitoring devices.</i> Covers the assessment of wireless microphones, similar radio frequency (RF) audio link equipment, cordless audio, including low power band II transmitters and in-ear monitoring, intended for the transmission of music and speech, and associated ancillary equipment, in respect of electromagnetic compatibility (EMC).

**SCHEDULE 3: WITHDRAWAL OF STANDARDS**

In terms of section 24(1)(C) of the Standards Act, the following standards have been withdrawn.

Standard No. and year	Title
SANS 604:2007/ ISO Guide 32:1997	<i>Calibration in analytical chemistry and use of certified reference materials.</i>

SANS 4437:2008/ ISO 4437:2007	<i>Buried polyethylene (PE) pipes for the supply of gaseous fuels - Metric series – Specifications.</i>
SANS 25777:2010/ BS 25777:2008	<i>Information and communications technology continuity management - Code of practice.</i>
SANS 60832:2006/ IEC 60832:1988	<i>Insulating poles (insulating sticks) and universal tool attachments (fittings) for live working.</i>

#### **SCHEDULE 4: ESTABLISHMENT OR DISBANDMENT OF TECHNICAL COMMITTEES**

In terms of section 4(2) (1) the SABS has established the following technical committees:

<b>Technical Committee No.:</b>	<b>Title</b>	<b>Scope</b>

If your organization is interested in participating in these committees, please send an e-mail to [rose.masha@sabs.co.za](mailto:rose.masha@sabs.co.za) for more information.

#### **SCHEDULE 5: WITHDRAWAL OF INFORMATIVE AND NORMATIVE DOCUMENTS**

In terms of section 24(5) of the Standards Act, the following documents have being considered withdrawn.

NONE

#### **SCHEDULE 6: ADDRESSES OF SABS OFFICES**

The addresses of offices of the South African Bureau of Standards where copies of 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.