

## DEPARTMENT OF TRADE AND INDUSTRY

## NOTICE 977 OF 2017

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 purpose	Closing Date
SANS 62931:2017 Ed 1	<i>GX16t-5 capped tubular led lamp - Safety specifications.</i> Specifies the safety and interchangeability requirements together with the test methods and conditions required to show compliance of non-integrated tubular LED lamps, intended for general lighting purposes	2018-01-31
SANS 10142-1-1:2017 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.	2018-01-29
SANS 60884-2-5:2017 Ed 1	<i>Plugs and socket-outlets for household and similar purposes Part 2-5: Particular requirements for adaptors.</i> Applies to shuttered and non-shuttered, fused and non-fused adaptors for a.c. only. Fuses of fused adaptors are not intended to protect appliance or parts thereof against overload.	2018-01-28
SANS 62271-1:2017 Ed 1	<i>High-voltage switchgear and controlgear Part 1: Common specifications for alternating current switchgear and controlgear.</i> Applies to AC switchgear and controlgear designed for indoor and/or outdoor installation and for operation at service frequencies up to and including 60 Hz and having rated voltages above 1 000 V.	2018-01-29
SANS 14004:2017 Ed 3	<i>Environmental management systems - General guidelines on implementation.</i> Provides guidance for an organization on the establishment, implementation, maintenance and improvement of a robust, credible and reliable environmental management system.	2018-01-29
SANS 5993:2017 Ed 2	<i>Test method to determine the presence and fixation of chromium in CCA treated timber.</i> Specifies a method for determining and evaluating the fixation of CCA in treated timber. It can also be used to determine the presence and depth of CCA penetration in freshly treated timber by detecting the presence of hexavalent chromium.	2017-01-30
SANS 61131-3:2017 Ed 2	<i>Programmable controllers Part 3: Programming languages.</i> Specifies the syntax and semantics of a unified suite of programming languages for programmable controllers (PCs). This suite consists of two textual languages, Instruction List (IL) and Structured Text (ST), and two graphical languages, Ladder Diagram (LD) and Function Block Diagram (FBD). This third edition cancels and replaces the second edition, published in 2003 and constitutes a technical revision. It includes the following significant technical changes: It is a compatible extension of the second edition. The main extensions are new data types and conversion functions, references, name spaces and the object oriented features of classes and function blocks.	2018-01-30
SANS 5967:2017 Ed 3	<i>Retention of preservative in timber (volume method).</i> Specifies a method of determining the retention of preservative in timber by using the	2018-01-30

	volume method.	
SANS 61131-6:2017 Ed 1	<i>Programmable controllers - Part 6: Functional safety.</i> Specifies requirements for programmable controllers (PLCs) and their associated peripherals, as defined in Part 1, which are intended to be used as the logic subsystem of an electrical/electronic/programmable electronic (E/E/PE) safety-related system. A programmable controller and its associated peripherals complying with the requirements of this part is considered suitable for use in an E/E/PE safety-related system and is identified as a functional safety programmable logic controller (FS-PLC). An FS-PLC is generally a hardware (HW) / software (SW) subsystem. An FS-PLC may also include software elements, for example predefined function blocks.	2018-01-30
SANS 61131-7:2017 Ed 1	<i>Programmable controllers - Part 7: Fuzzy control programming.</i> Defines a language for the programming of Fuzzy Control applications used by programmable controllers.	2018-01-30
SANS 61131-5:2017 Ed 1	<i>Programmable controllers - Part 5: Communications.</i> Specifies communication aspects of a programmable controller.	2018-01-30
SANS 555-1:2017 Ed 1	<i>Fluids for electrotechnical applications Part 1: Unused inhibited mineral insulating oils for transformers and switchgear.</i> Applicable to specifications and test methods for unused and recycled mineral insulating oils. It applies to oil delivered to the agreed point and time of delivery, intended for use in transformers, switchgear and similar electrical equipment in which oil is required for insulation and heat transfer. These oils are obtained by refining, modifying and/or blending of petroleum products and other hydrocarbons.	2018-01-30

#### 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 556-2-1:2017 Ed 1.1	<i>Low-voltage switchgear Part 2-1: Earth leakage circuit-breakers.</i>	Amended to update the list of parts in the foreword and to update referenced standards.	2018-01-29
SANS 556-2-3:2017 Ed 1.1	<i>Low-voltage switchgear Part 2-1: Earth leakage circuit-breakers.</i>	Amended to update the list of parts in the foreword and referenced standards.	2018-01-29
SANS 1921-2:2017 Ed 1.1	<i>Construction and management requirements for works contracts Part 2: Accommodation of traffic on public roads occupied by the contractor.</i>	Amended to update referenced standards	2018-01-30
SANS 2001-CG1:2017 Ed 1.1	<i>Construction works Part CG1: Installation of glazing in window and door frames.</i>	Amended to update referenced standards.	2018-01-30

#### 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 62087-3:2017 Ed 1	<i>Audio, video, and related equipment - Determination of power consumption - Part 3: Television sets.</i> Specifies the determination of the power consumption and related characteristics of television sets.
SANS 62087-5:2017 Ed 1	<i>Audio, video and related equipment - Determination of power consumption - Part 5: Set top boxes (STB).</i> Specifies methods of measurement for the power consumption of set top boxes (STBs).
SANS 555-3:2017 Ed 1	<i>Fluids for electrotechnical applications Part 3: Recycled inhibited mineral insulating oils for transformers and switchgear.</i> Specifies requirements and test methods for recycled mineral insulating oils for use in transformers, switchgear, and similar electrical equipment in which oil is required for insulation and heat transfer.
SANS 1050-1:2017 Ed 1	<i>Laboratory controlled environments Part 1: Microbiological safety cabinets - Class I.</i> Specifies the basic requirements for the construction, fittings pre-installation and post-installation performance of class I microbiological safety cabinets (also known as biological safety cabinets) intended to provide protection from hazardous microbiological agents for the operator and the environment.
SANS 1688:2017 Ed 1	<i>Conformity assessment for African traditional medicinal products (medicinal plants).</i> Provides general technical guidance in the assessment of quality, efficacy and safety of African traditional medicinal (ATM) products for human application, with regard to both major and common contaminants and residues.
SANS 4833-2:2017 Ed 1	<i>Microbiology of the food chain - Horizontal method for the enumeration of microorganisms Part 2: Colony count at 30 degrees C by the surface plating technique.</i> Specifies a horizontal method for the enumeration of microorganisms that are able to grow and form colonies on the surface of a solid medium after anaerobic incubation at 30 deg C; and is applicable to food and feed products, and environmental samples of food and feed production and food handling.
SANS 14034:2017 Ed 1	<i>Environmental management _ Environmental technology verification (ETV).</i> Specifies principles, procedures and requirements for environmental technology verification (ETV).
SANS 61084-1:2017 Ed 2	<i>Cable trunking systems and cable ducting systems for electrical installations - Part 1: General requirements.</i> Specifies requirements and tests for cable trunking systems (CTS) and cable ducting systems (CDS) intended for the accommodation, and where necessary for the electrically protective separation, of insulated conductors, cables and possibly other electrical equipment in electrical and/or communication systems installations.
SANS 62561-1:2017 Ed 2	<i>Lightning protection system components (LPSC) Part 1: Requirements for connection components.</i> Specifies the requirements and tests for all metallic connection components that form part of a lightning protection system (LPS).
SANS 14021:2017 Ed 2	<i>Environmental labels and declarations - Self-declared environmental claims (Type II environmental labelling).</i> Provides guidance to an organization on the establishment, implementation, maintenance and improvement of a robust, credible and reliable environmental management system.

### 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 6125:2017 Ed 1.2	<i>Resistance of wooden doors to hard body impact. Consolidated edition incorporating amendment No. 2.</i> Amended to update the test specimens requirements, and to update the figure on impact apparatus.
SANS 6182:2017 Ed 1.2	<i>Wooden doors - Class 1 - Determination of resistance to weathering. Consolidated edition incorporating amendment No. 2.</i> Amended to update the test specimens and the procedure.
SANS 960:2017 Ed 4.1	<i>Textiles - Dimensional stability during washing and drying procedures. Consolidated edition incorporating amendment No. 1.</i> Amended to delete the footnote on apparatus and reagents.

Standard No. and year	Title, scope and purport
SANS 5115:2017 Ed 3.1	<i>Fluidity of cotton and certain cellulosic man-made fibres in cuprammonium solution (modified method). Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, to delete the footnotes to the clause on apparatus, to update the requirements for apparatus, and to delete the bibliography.
SANS 5237:2017 Ed 2.1	<i>Chlorine retention of fabrics: reduction in breaking strength method. Consolidated edition incorporating amendment No. 1.</i> Amended to add the introductory paragraph to the normative reference clause, and to update the requirements for apparatus and reagents.
SANS 5509:2017 Ed 2.2	<i>Bactericidal efficacy of disinfectants: Kelsey Sykes test. Consolidated edition incorporating amendment No. 2.</i> Amended to update the title, to update the scope, to delete the footnotes on yeast suspension and test organisms, and to update the test organisms codes.
SANS 6116:2017 Ed 2.1	<i>Resistance of textile fabrics to pilling and fuzzing (Random tumble method). Consolidated edition incorporating amendment No. 1.</i> Amended to remove the footnote to the subclauses on random tumble pilling tester, lining material, and cotton silver.
SANS 6266:2017 Ed 1.2	<i>Virucidal efficacy of disinfectants and detergent-disinfectants using bacteriophages as indicator organisms. Consolidated edition incorporating amendment No. 2.</i> Amended to delete the footnote to the clause on test organisms.

**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 OR DISBANDMENT OF TECHNICAL COMMITTEES**

In terms of section 4(2) (l) the SABS 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 SABS 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.