

DEPARTMENT OF TRADE AND INDUSTRY

NOTICE 236 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.

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 11158:2017/ ISO 11158:2009	<i>Lubricants, industrial oils and related products (class L) – Family H (hydraulic systems) – Specifications for categories HH, HL, HM, HV and HG.</i> Specifies the minimum requirements for new mineral oil hydraulic fluids and is intended for hydraulic systems, particularly for hydrostatic hydraulic fluid power application.
SANS 11925-2:2017/ ISO 11925-2:2010	<i>Reaction to fire tests – Ignitability of products subjected to direct impingement of flame – Part 2: Single-flame source test.</i> Specifies a method of test for determining the ignitability of products by direct small flame impingement under zero impressed irradiance using vertically oriented test specimens.
SANS 17258:2017/ ISO 17258:2015	<i>Statistical methods – Six Sigma – Basic criteria underlying benchmarking for Six Sigma in organisations.</i> Describes a methodology for establishing the level of quality, performance, and productivity of processes, products, and services in accordance with Six Sigma principles.
SANS 50081-20:2017/ EN 81-20:2014	<i>Safety rules for the construction and installation of lifts – Lifts for the transport of persons and goods – Part 20: Passenger and goods passenger lifts.</i> Specifies the safety rules for permanently installed new passenger or goods passenger lifts, with traction, positive or hydraulic drive, serving defined landing levels, having a car designed for the transportation of persons or persons and goods, suspended by ropes, chains or jacks and moving between guide rails inclined not more than 15° to the vertical.
SANS 62733:2017/ IEC 62733:2015	<i>Programmable components in electronic lamp controlgear – General and safety requirement.</i> Provides general and safety requirements for programmable components used in products covered by IEC 61347 (published in South Africa as an identical adoption under the designation SANS 61347).
SATS 62056-9-1:2017/ IEC/TS 62056-9-1:2016	<i>Electricity metering data exchange – The DLMS/COSEM suite – Part 9-1: Communication profile using web-services to access a DLMS/COSEM server via a COSEM Access Service (CAS).</i> Defines how DLMS/COSEM servers can be accessed from a COSEM Access Client via an intermediate COSEM Access Service (CAS) providing Web services.
SATS 13830:2017/ ISO/TS 13830:2013	<i>Nanotechnologies – Guidance on voluntary labelling for consumer products containing manufactured nano-objects.</i> Provides guidance on the contents of voluntary labels for consumer products containing manufactured nano-objects (PCMNO).

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 382:2017/ ASTM D 1068:2015 (E.d 2.0)	<i>Standard test methods for iron in water.</i> Covers the determination of total iron, dissolved iron and ferrous iron in water using atomic absorption, atomic absorption-graphite furnace and photometric bathophenanthroline test methods.
SANS 449:2017/ (E.d 4.3)	<i>The manufacture of soft drinks and soft drink concentrates. Consolidated edition incorporating amendment No. 3.</i> Amended to update the requirements for the determination of chemical compounds, and to delete the subclause on the determination of the cyclamate content.
SANS 959-2-4:2017/ NRS 052-2-4:2012 (E.d 1.1)	<i>Photovoltaic systems for use in individual homes, schools and clinics – Part 2-4: Test procedures for main components – Inverters. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation "SANS 959-2-4/NRS 052-2-4" to read "SANS 959-2-4", to delete the note to the normative references clause, and to update referenced standards.
SANS 1083:2017/ (E.d 2.5)	<i>Aggregates from natural sources – Aggregates for concrete. Consolidated edition incorporating amendment No. 5.</i> Amended to correct the table on coarse aggregate for concrete, and to add notes on quality verification and on tests and guidance.

Standard No. and year	Title, scope and purport
SANS 1387 SET:2017/ (E.d 3.3)	<i>Woven cotton and similar apparel fabrics – Parts 1 - 11. Consolidated edition incorporating amendment No. 3.</i> Amended to include the requirements for liquid repellent finish and resistance to penetration by liquids, and to update normative references in part 4.
SANS 1411-5:2017/ (E.d 3.3)	<i>Materials of insulated electric cables and flexible cords – Part 5: Halogen-free, flame-retardant materials. Consolidated edition incorporating amendment No. 3.</i> Amended to update referenced standards.
SANS 1524-4:2017/ NRS 009-4:2012 (E.d 1.1)	<i>Electricity payment systems – Part 4: Payment electricity meter cards. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation "SANS 1524-4/NRS 009-4" to read "SANS 1524-4", to update the table on meter data on cards and to update the foreword accordingly, to delete the footnote on token technology code, and to delete the note and the footnote on algorithm codes.
SANS 1574-4:2017/ (E.d 1.2)	<i>Electric flexible cables with solid extruded dielectric insulation – Part 4: Rubber-insulated cables for domestic, office and similar environments (cords). Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 2076:2017/ ISO 2076:2013 (E.d. 3.0)	<i>Textiles – Man-made fibres – Generic names.</i> Lists the generic names used to designate the different categories of manmade fibres, based on a main polymer, currently manufactured on an industrial scale for textile and other purposes, together with the distinguishing attributes that characterize them.
SANS 3000-2-1:2017/ (E.d 2.0)	<i>Railway safety management – Part 2-1: Requirements for systemic engineering and operational safety standards - Electrical distribution and overhead traction systems.</i> Covers the minimum requirements for Electrical Distribution and Overhead Traction Systems (ED & OHTS) within the railway reserve.
SANS 6094:2017/ (E.d 2.1)	<i>Stock remedies – Efficacy of chemicals against tick larvae. Consolidated edition incorporating amendment No. 1.</i> Amended to update the note to filter paper.
SANS 6097:2017/ (E.d 2.1)	<i>Stock remedies – Stripping rate of cattle tickicides in spray races</i> Consolidated edition incorporating amendment No. 1. Amended to update the foreword, and to modify the requirements for equipment and materials, and the procedure.
SANS 10094:2017 (E.d 5.0)	<i>The use of high-strength friction-grip bolts.</i> Applies to the assembly and inspection of preloaded bolts (bolts tightened to develop a high tensile force in the fastener) and friction-grip joints (joints in which preloaded bolts are used to clamp the connected parts together with enough force to ensure the transfer across the joint, by friction alone, of all forces in the plane of the parts) in structural steelwork.
SANS 10108:2017 (E.d 6.1)	<i>The classification of hazardous locations and the selection of equipment for use in such locations. Consolidated edition incorporating amendment No. 1.</i> Amended to update the foreword and a referenced standard.
SANS 10160-4:2017 (E.d. 2.0)	<i>Basis of structural design and actions for buildings and industrial structures – Part 4: Seismic actions and general requirements for buildings.</i> Provides strategies and rules for the design of buildings subject to earthquake actions primarily to safeguard against major catastrophic structural failures and loss of life, not to prevent damage or to maintain function.
SANS 10242-1:2017/ (E.d 2.1)	<i>The rewinding and refurbishing of rotating electrical machines Part 1: Low-voltage three-phase induction motors. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, to modify the requirements for photographic records, to add a requirement for inspection, to update the requirements for inspection of mechanical components for wear and damage, to modify the requirements for balancing, to delete reference to SABS, to update the table on class of insulation materials, to move reference to legislation to the foreword, and to modify the requirements for current at no load, efficiency, and marking.
SANS 13528:2017/ ISO 13528:2015 (E.d. 2.0)	<i>Statistical methods for use in proficiency testing by interlaboratory comparison.</i> Provides detailed descriptions of statistical methods for proficiency testing providers to use to design proficiency testing schemes and to analyse the data obtained from those schemes.
SANS 19109:2017/ ISO 19109:2015 (E.d. 2.0)	<i>Geographic information – Rules for application schema.</i> Defines rules for creating and documenting application schemas, including principles for the definition of features.
SANS 19761:2017/ ISO/IEC 19761:2011 (E.d. 2.0)	<i>Software engineering – COSMIC: a functional size measurement method.</i> Specifies the set of definitions, conventions and activities of the COSMIC functional size measurement method.
SANS 60079-0:2012/ IEC 60079-0:2011 (E.d. 5.0)	<i>Explosive atmospheres – Part 0: Equipment – General requirements.</i> Specifies the general requirements for construction, testing and marking of electrical equipment and Ex Components intended for use in explosive atmospheres. Corrigendum (loose amendment 2016). Corrected to replace a requirement for plastic materials and elastomers.
SANS 60079-18:2017/ IEC 60079-18:2014 (E.d. 4.0)	<i>Explosive atmospheres – Part 18: Equipment protection by encapsulation "m".</i> Gives the specific requirements for the construction, testing and marking of electrical equipment, parts of electrical equipment and Ex components with the type of protection encapsulation "m" intended for use in explosive gas atmospheres or explosive dust atmospheres.

Standard No. and year	Title, scope and purport
SANS 60079-29-2:2017/ IEC 60079-29-2:2015 (E.d. 2.0)	<i>Explosive atmospheres – Part 29-2: Gas detectors – Selection, installation, use and maintenance of detectors for flammable gases and oxygen.</i> Gives guidance on and recommended practice for the selection, installation, safe use and maintenance of electrically operated Group II equipment intended for use in industrial and commercial safety applications and Group I equipment in underground coal mines for the detection and measurement of flammable gases complying with the requirements of IEC 60079-29-1 (published in South Africa as an identical adoption under the designation SANS 60079-29-1) or IEC 60079-29-4 (published in South Africa as an identical adoption under the designation SANS 60079-29-4).

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
ARP 1717:2010	<i>Guide to the regulatory requirements for the approval of detonators, initiators and initiation systems used in mining and civil blasting applications.</i>
ARP 24156:2009: ISO/ TR 24156:2008	<i>Guidelines for using UML notation in terminology work.</i>
SANS 10280:2001	<i>Overhead power lines for conditions prevailing in South Africa.</i>
SANS 61117:2006	<i>A method for assessing the short-circuit withstand strength of partially type-tested assemblies (PTTA).</i>

SCHEDULE 4: ESTABLISHMENT OR DISBANDMENT OF TECHNICAL COMMITTEES

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