

DEPARTMENT OF PUBLIC TRADE AND INDUSTRY
DEPARTEMENT VAN HANDEL EN NYWERHEID

No. 132

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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.

A list of all existing South African national standards was published by Government Notice No. 1373 of 8 November 2002.

In the list of SANS standards below, the equivalent SABS numbers, where applicable, are given below the new SANS numbers for the sake of convenience. Standards that were published with the "SABS" prefix are listed as such.

SCHEDULE 1: ISSUE OF NEW STANDARDS

The standards mentioned have been issued in terms of section 16(3) of the Act.

Standard No. and year	Title, scope and purport
SANS 828-1:2014 (Ed. 1)	<i>Health informatics – Health smart (HS) card – Part 1: General structure.</i> Defines data structures for a multi-application health smart (HS) card that is intended to be capable of operating in an offline environment and to aid in the delivery of healthcare.
SANS 828-2:2014 (Ed. 1)	<i>Health informatics – Health smart (HS) card – Part 2: Data elements.</i> Covers the requirements for the content and the structure of the data elements, including composite data elements, contained in the data objects and data sub-objects specified in SANS 828-1.
SANS 1723:2014/ ISO 639-4:2010	<i>Codes for the representation of names of languages – Part 4: General principles of coding of the representation of names of languages and related entities, and application guidelines.</i> Gives the general principles of language coding using the codes that are specified in the other parts of ISO 639 (adopted in South Africa as identical adoptions under the designation SANS 528) and their combination with other codes. Lays down guidelines for the use of any combination of the parts of ISO 639 (adopted in South Africa as identical adoptions under the designation SANS 528).
SATS 3691-8:2014/ ISO/TS 3691-8:2012	<i>Industrial trucks – Safety requirements and verification – Part 8: Regional requirements for countries outside the European Community.</i> Gives regional requirements for specific countries outside the European Community (EC) and European Economic Area (EEA) for the types of industrial trucks in accordance with ISO/TS 3691-8 (adopted in South Africa as an identical adoption under the designation SATS 3691-8).
SATR 14069:2014/ ISO/TR 14069:2013	<i>Greenhouse gases – Quantification and reporting of greenhouse gas emissions for organizations – Guidance for the application of ISO 14064-1.</i> Describes the principles, concepts and methods relating to the quantification and reporting of direct and indirect greenhouse gas (GHG) emissions for an organization.
SANS 18603:2014/ ISO 18603:2013	<i>Packaging and the environment – Reuse.</i> Specifies the requirements for a packaging to be classified as reusable and sets out procedures for assessment of meeting the requirements, including the associated systems.
SANS 18604:2014/ ISO 18604:2013	<i>Packaging and the environment – Material recycling.</i> Specifies the requirements for packaging to be classified as recoverable in the form of material recycling while accommodating the continuing development of both packaging and recovery technologies and sets out procedures for assessment of meeting the requirements.
SANS 18606:2014/ ISO 18606:2013	<i>Packaging and the environment – Organic recycling.</i> Specifies procedures and requirements for packaging that is suitable for organic recycling. Packaging is considered recoverable by organic recycling only if all the individual components meet the requirements.
SANS 19144-2:2014/ ISO 19144-2:2012	<i>Geographic information – Classification systems – Part 2: Land Cover Meta Language (LCML).</i> Specifies a Land Cover Meta Language (LCML) expressed as a UML metamodel that allows different land cover classification systems to be described based on the physiognomic aspects.
SANS 22274:2014/ ISO 22274:2013	<i>Systems to manage terminology, knowledge and content – Concept-related aspects for developing and internationalizing classification systems.</i> Establishes basic principles and requirements for ensuring that classification systems are suitable for worldwide application, considering such aspects as cultural and linguistic diversity as well as market requirements. By applying principles relating to terminology work, provides guidelines for creating, handling, and using classification systems for international environments.
SANS 22915-10:2014/ ISO 22915-10:2008	<i>Industrial trucks – Verification of stability – Part 10: Additional stability test for trucks operating in the special condition of stacking with load laterally displaced by powered devices.</i> Deals with the safety of industrial trucks, relatively to their stability and the verification of that stability. For the purpose of ISO 22915, industrial trucks are wheeled, self-propelled or pedestrian-propelled vehicles, excepting those running on rails. They are either operator-controlled or driveless and designed to carry, tow, push, lift, stack or tier in racks.
SANS 22915-11:2014/ ISO 22915-11:2011	<i>Industrial trucks – Verification of stability – Part 11: Industrial variable-reach trucks.</i> Specifies tests for verifying the stability of industrial variable-reach trucks, equipped either with fork arms or with load-handling attachments. Does not apply to trucks designed for handling freight containers and to rough-terrain variable reach trucks, which are covered by ISO 22195-14.
SANS 29383:2014/ ISO 29383:2010	<i>Terminology policies – Development and implementation.</i> Provides policy makers in governments, administration, non-profit and commercial organizations with guidelines and a methodology for the development and implementation of a comprehensive policy or strategy concerning the planning and management of terminology.

Standard No. and year	Title, scope and purport
SANS 30004:2014/ ISO 30004:2012	<i>Ships and marine technology – Ship recycling management systems – Guidelines for the implementation of ISO 30000.</i> Provides generic advice on the application of ISO 30000 (published in South Africa as an identical adoption under the designation SANS 30000).
SANS 30005:2014/ ISO 30005:2012	<i>Ships and marine technology – Ship recycling management systems – Information control for hazardous materials in the manufacturing chain of shipbuilding and ship operations.</i> Provides guidance for the management, communication, and maintenance of information in an effective, standardized, and compatible manner in accordance with the requirements of the Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships.
SANS 50483-6:2014/ EN 50483-6:2009	<i>Test requirements for low voltage aerial bundled cable accessories – Part 6: Environmental testing.</i> Defines the environmental tests, in particular the climatic and corrosion ageing tests.
SANS 53670:2014/ EN 13670:2009	<i>Execution of concrete structures.</i> Gives common requirements for execution of concrete structures. Applies to both in-situ works and construction using prefabricated concrete elements.
SANS 62253:2014/ IEC 62253:2011	<i>Photovoltaic pumping systems – Design qualification and performance measurements.</i> Defines requirements for design, qualification and performance measurements of photovoltaic (PV) pumping systems in stand-alone operation. Applies to systems with motor pump sets connected to the PV generator directly or via a converter (DC to DC or DC to AC).

SCHEDULE 2: AMENDMENT OF EXISTING STANDARDS

The standards mentioned have been amended in terms of section 16(3) of the Act. The number and date of a standard that has been superseded appear in brackets below the new number. In the case of an amendment issued in consolidated format, the edition number of the new (consolidated) edition appears in brackets below the number of the standard.

Standard No. and year	Title, scope and purport
SANS 10106:2014 (Ed. 4)	<i>The installation, maintenance, repair and replacement of domestic solar water heating systems.</i> Covers requirements for the safe installation, retrofitting, maintenance, repair and replacement of domestic solar water heaters.
SANS 10231:2014 (Ed. 4)	<i>Transport of dangerous goods by road – Operational requirements.</i> Establishes rules and procedures for the safe operation and handling of all road vehicles that are used for the transport of dangerous goods in accordance with the load constraints. Includes requirements for the consignor, the consignee, the operator, the driver and the qualified person as well as en route procedures, cargo handling, and vehicle inspection requirements.
SANS 14031:2014 ISO 14031:2013/ (Ed. 2)	<i>Environmental management – Environmental performance evaluation – Guidelines.</i> Gives guidance on the design and use of environmental performance evaluation (EPE) within an organization in compliance with ISO 14031 (adopted in South Africa as an identical adoption under the designation SANS 14031). Applies to all organizations regardless of the type, size, location and complexity. Does not establish environmental performance levels.
SANS 2220-2-2:2014 (Ed. 1.2)	<i>Electrical security systems – Part 2-2: Access control systems – Central processor.</i> Consolidated edition incorporating amendment No. 2. Amended to update referenced standards.
SANS 2220-2-5:2014 (Ed. 1.2)	<i>Electrical security systems – Part 2-5: Access control systems – Biometric readers.</i> Consolidated edition incorporating amendment No. 2. Amended to update referenced standards.
SANS 2220-2-6:2014 (Ed. 1.2)	<i>Electrical security systems – Part 2-6: Access control systems – Access cards.</i> Consolidated edition incorporating amendment No. 2. Amended to update referenced standards.
SANS 2220-2-7:2014 (Ed. 1.3)	<i>Electrical security systems – Part 2-7: Access control systems – Barriers.</i> Consolidated edition incorporating amendment No. 3. Amended to update referenced standards.
SANS 10222-5-2:2014 (Ed. 1.2)	<i>Electrical security installations – Part 5-2: CCTV installations – Application guidelines.</i> Consolidated edition incorporating amendment No. 2. Amended to update referenced standards.
SANS 12620:2014/ ISO 12620:2009 (Ed. 2)	<i>Terminology and other language and content resources – Specification of data categories and management of a Data Category Registry for language resources.</i> Provides guidelines concerning constraints related to the implementation of a Data Category Registry (DCR) applicable to all types of language resources, for example, terminological, lexicographical, corpus-based, machine translation.
SANS 60034-2-1:2014/ IEC 60034-2-1:2008 (Ed. 2)	<i>Rotating electrical machines – Part 2-1: Standard methods for determining losses and efficiency from tests (excluding machines for traction vehicles).</i> Establishes methods of determining efficiencies from tests, and specifies methods of obtaining specific losses. Applies to d.c. machines and to a.c. synchronous and induction machines of all sizes within the scope of IEC 60034-1 (adopted in South Africa as an identical adoption under the designation SANS 60034-1).
SANS 60335-2-45:2014/ IEC 60335-2-45:2012 (Ed. 3.2)	<i>Household and similar electrical appliances – Safety – Part 2-45: Particular requirements for portable heating tools and similar appliances.</i> Consolidated edition incorporating amendment No. 2. Amended to add information to the foreword, to modify the scope and a requirement for heating, to add a definition, and to add information on leakage current and electric strength at operating temperature, leakage current and electric strength, and abnormal operation.
SANS 60335-2-66:2014/ IEC 60335-2-66:2012 (Ed. 2.2)	<i>Household and similar electrical appliances – Safety – Part 2-66: Particular requirements for water-bed heaters.</i> Consolidated edition incorporating amendment No. 2. Amended to add information to the foreword, to add requirements on marking and instructions, and abnormal operation, and to modify a requirement on components.
SANS 60598-1:2014/ IEC 60598-1:2014 (Ed. 6)	<i>Luminaires – Part 1: General requirements and tests.</i> Specifies general requirements for luminaires, incorporating electric light sources for operation from supply voltages up to 1 000 V. Also covers classification, marking, mechanical construction, electrical construction and photobiological safety.
SANS 61850-3:2014/ IEC 61850-3:2013 (Ed. 2)	<i>Communication networks and systems for power utility automation – Part 3: General requirements.</i> Defines the general requirements, mainly regarding construction, design and environmental conditions for utility communication and automation IEDs and systems in power plant and substation environments.
SANS 62271-201:2014/ IEC 62271-201:2014 (Ed. 2)	<i>High-voltage switchgear and controlgear – Part 201: AC solid-insulation enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV.</i> Specifies requirements for prefabricated solid-insulation enclosed switchgear and controlgear for alternating current of rated voltages above 1 kV and up to and including 52 kV for indoor installation and for service frequencies up to and including 60 Hz.

SCHEDULE 3: CANCELLATION OF STANDARDS

In terms of section 16(3) of the Act the following standards have been cancelled.

Standard No. and year	Title
SANS 5571:2007	<i>Pesticides – Insecticidal oil-based space sprays in low-pressurized dispensers – Determination of non-volatile content.</i>

SCHEDULE 4: 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. The CEO, South African Bureau of Standards, 1 Dr Lategan Road, Groenkloof, Private Bag X191, Pretoria 0001.
2. The Manager, Western Cape Regional Office, SABS, Liesbeek Park Way, Rosebank, PO Box 615, Rondebosch 7701.
3. The Manager, Eastern Cape Regional Office, SABS, 30 Kipling Road, cor. Diaz and Kipling Roads, Port Elizabeth, PO Box 3013, North End 6056.
4. The Manager, KwaZulu-Natal Regional Office, SABS, 15 Garth Road, Waterval Park, Durban, PO Box 30087, Mayville 4058.
5. The Control Officer, Bloemfontein Branch Office, SABS, 34 Victoria Road, Willows, Bloemfontein, PO Box 20265, Willows 9320.