

**DEPARTMENT OF TRADE AND INDUSTRY
DEPARTEMENT VAN HANDEL EN NYWERHEID**

No. 825

12 October 2012

**STANDARDS ACT, 2008
STANDARDS MATTERS**

In terms of the Standards Act, 2008 (Act No. 8 of 2008), the Council of the South African Bureau of Standards has acted in regard to standards in the manner set out in the Schedules to this notice.

All South African standards that were previously published by the South African Bureau of Standards with the prefix "SABS" have been redesignated as South African national standards and are now published by the SABS Standards Division (a division of SABS) with the prefix "SANS".

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 1254:2012 | <i>Fusible interlinings.</i> Covers requirements for three types of fusible interlinings, i.e. woven, non-woven and knitted weft insert fabrics, that are suitable for use in washable or dry-cleanable garments. |
| SANS 1524-1-2:2012/ NRS 009-1-2:2012 | <i>Electricity payment systems - Part 1-2: Surge protective devices for the protection of payment meters.</i> Covers the utility's requirements for low-voltage metal-oxide varistor (MOV) surge protective devices (SPDs) used in payment meters, commonly known as "LV surge arresters". SPDs are applicable in low-voltage (230 V) single-phase supply systems to residential loads. Can only be used in conjunction with SANS 61643-11. |
| SANS 3001-BT12:2012 | <i>Civil engineering test methods - Part BT12: Determination of the in situ permeability of a bituminous surfacing (Marvil test).</i> Describes a procedure to determine the in situ water permeability of a bituminous surfacing using a Marvil permeameter. Not suitable for rough or irregular surfaces where a seal between the base of the permeameter and the surface cannot be achieved. |
| SANS 13008:2012/ ISO 13008:2012 | <i>Information and documentation - Digital records conversion and migration process.</i> Specifies the planning issues, requirements and procedures for the conversion and/or migration of digital records (which includes digital objects plus metadata) in order to preserve the authenticity, reliability, integrity and usability of such records as evidence of business transactions. |
| SANS 19126:2012/ ISO 19126:2009 | <i>Geographic information - Feature concept dictionaries and registers.</i> Specifies a schema for feature concept dictionaries to be established and managed as registers. Because feature catalogues are often derived from feature concept dictionaries, a schema for a hierarchical register of feature concept dictionaries and feature catalogues is specified. |
| SANS 19129:2012/ ISO/TS 19129:2009 | <i>Geographic information - Imagery, gridded and coverage data framework.</i> Defines the framework for imagery, gridded and coverage data. This framework defines a content model for the content type imagery and for other specific content types that can be represented as coverage data. These content models are represented as a set of generic UML patterns for application schemas. |
| SANS 19131:2012/ ISO 19131:2007 | <i>Geographic information - Data product specifications.</i> Describes requirements for the specification of geographic data products, based upon the concepts of other ISO 19100 International Standards. Also provides help in the creation of data product specifications so they are easily understood and fit for their intended purpose. |
| SANS 19132:2012/ ISO 19132:2007 | <i>Geographic information - Location-based services - Reference model.</i> Defines a reference model and a conceptual framework for location-based services (LBS), and describes the basic principles by which LBS applications may interoperate. References or contains an ontology, a taxonomy, a set of design patterns and a core set of LBS service abstract specifications in UML. Specifies the framework's relationship to other frameworks, applications and services for geographic information and to client applications. |
| SANS 19134:2012/ ISO 19134:2007 | <i>Geographic information - Location-based services - Multimodal routing and navigation.</i> Specifies the data types and their associated operations for the implementation of multimodal location-based services for routing and navigation. Designed to specify web services that may be made available to wireless devices through web-resident proxy applications, but is not limited to that environment. |
| SANS 19144-1:2012/ ISO 19144-1:2009 | <i>Geographic information - Classification systems - Part 1: Classification system structure.</i> Establishes the structure of a geographic information classification system, together with the mechanism for defining and registering the classifiers for such a system. Specifies the use of discrete coverages to represent the result of applying the classification system to a particular area and defines the technical structure of a register of classifiers in accordance with ISO 19135 (published in South Africa as an identical adoption under the designation SANS 19135). |

| Standard No. and year | Title, scope and purport |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SANS 30002:2012/ ISO 30002:2010 | <i>Ships and marine technology - Ship recycling management systems - Guidelines for selection of ship recyclers (and pro forma contract)</i> . Provides guidance to shipowners in the selection of a ship recycling facility. Applies to the process of selecting a ship recycling facility and the use of a pro forma contract. Does not consider other aspects of ship recycling that are covered by other standards. |
| SANS 30003:2012/ ISO 30003:2009 | <i>Ships and marine technology - Ship recycling management systems - Requirements for bodies providing audit and certification of ship recycling management</i> . Contains principles and requirements for bodies providing the audit and certification of ship recycling management systems in accordance with management system standards. |
| SANS 30006:2012/ ISO 30006:2010 | <i>Ship recycling management systems - Diagrams to show the location of hazardous materials onboard ships</i> . Provides requirements for diagrams to show the location of hazardous materials onboard ships. Such diagrams help ship recyclers understand an inventory of hazardous materials. |
| SANS 30007:2012/ ISO 30007:2010 | <i>Ships and marine technology - Measures to prevent asbestos emission and exposure during ship recycling</i> . Provides effective methods for minimizing the dangers of asbestos during ship recycling, reducing both the release of asbestos into the environment and worker exposure to asbestos. |
| SANS 60832-2:2012/ IEC 60832-2:2010 | <i>Live working - Insulating sticks and attachable devices - Part 2: Attachable devices</i> . Gives the essential requirements for devices that can be attached onto and removed from the fitting of the insulating sticks for live working, for use on a.c. electrical installations. |
| SANS 61850-3:2012/ IEC 61850-3:2002 | <i>Communication networks and systems in substations - Part 3: General requirements</i> . Applies to substation automation systems (SAS). Defines the communication between intelligent electronic devices (IEDs) in the substation and the related system requirements. |
| SANS 61850-4:2012/ IEC 61850-4:2011 | <i>Communication networks and systems for power utility automation - Part 4: System and project management</i> . Applies to substation automation systems (SAS). Defines the communication between intelligent electronic devices (IEDs) in the substation and the related system requirements. |
| SANS 61850-7-1:2012/ IEC 61850-7-1:2011 | <i>Communication networks and systems for power utility automation - Part 7-1: Basic communication structure - Principles and models</i> . Introduces the modelling methods, communication principles, and information models that are used in the parts of IEC 61850-7-x. |
| SANS 62561-5:2012/ IEC 62561-5:2011 | <i>Lightning protection system components (LPSC) - Part 5: Requirements for earth electrode inspection housings and earth electrode seals</i> . Specifies the requirements and tests for earth electrode inspection housings (earth pit) and earth electrode seals. |

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 151:2012 (SANS 151:2010) | <i>Fixed electric storage water heaters</i> . Specifies the characteristics of thermostatically controlled fixed electric storage water heaters intended for indoor and outdoor domestic use and for operation on a.c. supplies at voltages not exceeding 250 V for single phase and 480 V for other appliances. |
| SANS 153:2012 (Ed. 4.9) | <i>Electric stoves, cooking tops, ovens, grills, and similar appliances. Consolidated edition incorporating amendment No. 9</i> . Amended to update referenced standards and to move references to legislation to the foreword. |
| SANS 302:2012 (Ed. 1.1) | <i>Non-automatic, undenominated beam scales and balances subject to legal metrology control. Consolidated edition incorporating amendment No. 1</i> . Amended to restrict capacities of beam scales in the definition of "beam scale or beam balance", prohibit all scales with wooden load receptors, change cross references, clarify the tolerance for in-service inspection, modify tables 2 to 4, insert the method for compliance with maximum permissible error requirements, renumber subclauses, make annexes AA and BB mandatory, move reference to legislation to the foreword, modify a requirement for masspieces, and insert a cross reference. |
| SANS 541:2012 (Ed. 3.1) | <i>Precast concrete paving slabs. Consolidated edition incorporating amendment No. 1</i> . Amended to update referenced standards. |
| SANS 833:2012 (Ed. 1.1) | <i>Biodiesel production - Quality management system - Producer requirements. Consolidated edition incorporating amendment No. 1</i> . Amended to modify the annex on the process of generating a valid certificate of analysis, and to modify the annex on the determination of production lot tank homogeneity. |
| SANS 1291-1:2012 (Ed. 1.3) | <i>Flexible polyurethane foam sleeping mats and mattresses - Part 1: Mats and mattresses having unsupported polymeric covers. Consolidated edition incorporating amendment No. 3</i> . Amended to update referenced standards. |
| SANS 1291-2:2012 (Ed. 2.3) | <i>Flexible polyurethane foam sleeping mats and mattresses - Part 2: Foam mattresses for domestic and hotel use. Consolidated edition incorporating amendment No. 3</i> . Amended to change the requirements for type 5 mattress. |
| SANS 1294:2012 (Ed. 2.1) | <i>Precast concrete manhole sections and components. Consolidated edition incorporating amendment No. 1</i> . Amended to update referenced standards. |

| Standard No. and year | Title, scope and purport |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SANS 1809:2012 (SANS 1809:2003) | <i>Mine locomotive control systems.</i> Specifies the minimum safe operational functionality, performance and testing requirements for mine locomotive control systems, excluding any locomotives covered under the auspices of the relevant national authority. Provides for fail-to-safe drive and mechanical braking control units for mining locomotives. |
| SANS 5583:2012 (SANS 5583:2004) | <i>Pesticides - Biological evaluation of the contact efficacy of liquid residual insecticides.</i> Describes a method for conducting biological contact efficacy tests of liquid residual insecticides (including wettable powders and water dispersible granules). |
| SANS 5690:2012 (SANS 5690:2003) | <i>Pesticides - Biological evaluation of the properties of solid fly baits.</i> Describes a method for conducting biological evaluation tests on solid fly baits. |
| SANS 5695:2012 (SABS SM 695:1978) | <i>Pesticides - Biological properties - Efficacy of mosquito repellents.</i> Specifies three methods for the biological evaluation of the efficacy of mosquito repellents. |
| SANS 5696:2012 (SABS SM 696:1978) | <i>Pesticides - Biological evaluation of the efficacy of residual sprays against skin and hide beetles.</i> Specifies a method for the biological evaluation of the efficacy of residual sprays against skin and hide beetles. |
| SANS 10070:2012 (Ed. 3.4) | <i>The installation of resilient thermoplastic and similar flexible floor covering materials. Consolidated edition incorporating amendment No. 4.</i> Amended to update referenced standards. |
| SANS 60064:2007/ IEC 60064:2007 | <i>Tungsten filament lamps for domestic and similar general lighting purposes - Performance requirements. IEC amendment No. 5.</i> Amended to replace pages and data sheets. <i>National amendment No. 1.</i> Amended to include an energy efficiency rating label. |
| SANS 60081:2006/ IEC 60081:2005 | <i>Double-capped fluorescent lamps - Performance specifications. IEC amendment No. 4.</i> Amended to replace pages and data sheets. <i>National amendment No. 1.</i> Amended to include an energy efficiency rating label. |
| SANS 60086-2:2012/ IEC 60086:2011 (SANS 60086-2:2007) | <i>Primary batteries - Part 2: Physical and electrical specifications.</i> Applies to primary batteries based on standardized electrochemical systems and specifies the physical dimensions and the discharge test conditions and discharge performance requirements. |
| SANS 60865-1:2012/ IEC 60865-1:2011 (SANS 60865-1:2006) | <i>Short-circuit currents - Calculation of effects - Part 1: Definitions and calculation methods.</i> Applicable to the mechanical and thermal effects of short-circuit currents. Contains procedures for the calculation of the electromagnetic effect on rigid conductors and flexible conductors and the thermal effect on bare conductors. |

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 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| ARP 039:1997 | <i>Environmental guidelines for industrial wood preservation</i> |
| SANS 1491-3:2006 | <i>Portland cement extenders Part 3: Silica fume</i> |
| SANS 4642:2007 | <i>Rubber products - Hoses, non-collapsible, for fire-fighting service</i> |
| SANS 60265-2:1988 | <i>High-voltage switches Part 2: High-voltage switches for rated voltages of 52 kV and above</i> |
| SANS 60470:2008 | <i>High-voltage alternating current contactors and contactor-based motor-starters</i> |
| SANS 60514:1975 | <i>Acceptance inspection of Class 2 alternating-current watt-hour meters</i> |
| SANS 61358:1996 | <i>Acceptance inspection for direct connected alternating current static watt-hour meters for active energy (classes 1 and 2)</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.