

DEPARTMENT OF TRADE AND INDUSTRY

No. 558

8 July 2011

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 Standards South Africa (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 695:2011	<i>Plastic carrier bags and flat bags.</i> Specifies requirements for secondary packaging, i.e. carrier bags and flat bags that are made from virgin thermoplastics material or any percentage of recycled thermoplastics material (or both). Does not cover bread bags, refuse bags, bin liners, household plastic bags or barrier bags.
SANS 882:2011	<i>Envelopes.</i> Covers envelopes for general correspondence, including types suitable for use with automatic mailing equipment.
SANS 898:2011	<i>Good manufacturing practice for the self mixing of feed in the livestock industry.</i> Covers the self-mixing of compound feed and supplements, simple and moisture-rich animal feed and animal feed ingredients for feed for the livestock industry to ensure that the delivery of the feed consistently meets the requirements laid down by law, with regard to human, animal and environmental safety.
SANS 23718:2011/ ISO 23718:2007	<i>Metallic materials – Mechanical testing – vocabulary.</i> Defines the terminology that is used in mechanical testing of metals and forms a common basis for standards and general use.

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 The number and date of a standard that has been superseded appear in brackets below the new number.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 18-2:2011/ ISO/IEC 10118-2:2010	<i>Information technology – Security techniques – Hash-functions – Part 2: Hash-functions using an n-bit block cipher.</i> Specifies hash-functions which make use of an n-bit block cipher algorithm. They are therefore suitable for an environment in which such an algorithm is already implemented.
SANS 216-1-1:2011/ CISPR 16-1-1:2010 (Ed. 3.1)	<i>Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-1: Radio disturbance and immunity measuring apparatus – Measuring apparatus. Consolidated edition incorporating amendment No. 1.</i> CISPR amendment No. 1. Amended to add specifications that are required as a result of the addition of FFT-based measuring instrumentation.
SANS 517:2011 (Ed. 1.1)	<i>Light steel frame building. Consolidated edition incorporating amendment No. 1.</i> Amended to correct the name of a council, to update referenced standards, to correct a cross-reference, to correct a dimension in figure 12, to modify the dimension for the thickness of galvanized sheets, to correct figure 26, to modify the R-value for category I buildings (see table 14), to delete the fire rating requirement and to insert a title for figure 45(a).
SANS 914:2011 (Ed. 3.1)	<i>Fishplates for light rails. Consolidated edition incorporating amendment 1.</i> Amended to update normative references.
SANS 915:2011 (Ed. 3.1)	<i>Coach screws for light rails. Consolidated edition incorporating amendment No. 1.</i> Amended to update normative references.
SANS 916:2011 (Ed. 3.1)	<i>Fishbolts and nuts for light rails. Consolidated edition incorporating amendment No. 1.</i> Amended to update normative references and to correct figure 1.
SANS 917:2011 (Ed. 3.1)	<i>Dogspikes for light rails. Consolidated edition incorporating amendment No. 1.</i> Amended to update normative references.
SANS 1026:2011 (Ed. 1.4)	<i>Bench vices for metal work (Metric units). Consolidated edition incorporating amendment No. 4.</i> Amended to correct the throat depth in table 1 and to update a referenced standard.

Standard No. and year	Title, scope and purport
SANS 1190:2011 (Ed. 1.2)	<i>Malleable iron castings. Consolidated edition incorporating amendment No. 2.</i> Amended to update a referenced standard.
SANS 1673:2011 (SABS 1673:2004)	<i>Disinfectants based on organic halogen compounds (other than iodine compounds).</i> Specifies requirements for two types of disinfectants that contain organic halogen compounds (other than iodine compounds), such as fluorine, bromine or chlorine, in which the halogen(s) is (are) directly linked to nitrogen and that also contain other chemical agents (such as compatible surface-active agents and phosphates), which are miscible with water and intended for use on inanimate surfaces
SANS 1822:2011 (Ed. 1.2)	<i>Slide fasteners. Consolidated edition incorporating amendment No. 2.</i> Amended to include references to the testing of nickel content and to correct cross references.
SANS 1833-1:2007/ ISO 1833-1:2006	<i>Textiles – Quantitative chemical analysis – Part 1: General principles of testing. ISO amendment No. 1.</i> Changed to correct a typing error in the calculation of percentage masses of clean, dry fibre.
SANS 1874:2011 (Ed. 2.1)	<i>Switchgear – Metal-enclosed ring main units for rated a.c. voltages above 1 kV and up to and including 36 kV. Consolidated edition incorporating amendment No. 1.</i> Amended to update the referenced standard.
SANS 6210:2011 (SABS SM 1210:2009)	<i>Domestic solar water heaters – Mechanical qualification tests.</i> Specifies test methods for the mechanical qualification of domestic solar water heaters.
SANS 6211-1:2011	<i>Domestic solar water heaters – Part 1: Thermal performance using an outdoor test method.</i> Describes an outdoor test method for the determination of the thermal performance of domestic solar water heaters.
SANS 10162-1:2011 (Ed. 2.1)	<i>The structural use of steel – Part 1: Limit-states design of hot-rolled steelwork. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 10208-1:2011 (Ed. 3.1)	<i>Design of structures for the mining industry – Part 1: Headgear structures. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 10208-2:2011 (Ed. 3.1)	<i>Design of structures for the mining industry – Part 2: Sinking stages. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 17021:2011/ ISO/IEC 17021:2011	<i>Conformity assessment – Requirements for bodies providing audit and certification of management systems.</i> Contains principles and requirements for the competence, consistency and impartiality of the audit and certification of management systems of all types (e.g. quality management systems or environmental management systems) and for bodies providing these activities.
SANS 19115:2003/ ISO 19115:2003	<i>Geographic information – Metadata. National amendment No. 1.</i> Amended to include reference to SANS 1878-1 in the national foreword. <i>ISO corrigendum No. 1.</i> Corrected to add a normative reference and to replace package abbreviations and text on metadata application, metadata schemas, a data dictionary for geographic metadata, comprehensive dataset metadata application profile, metadata extension methodology, and implementation examples.
SANS 20112:2011/ ECE R112:2010	<i>Uniform provisions concerning the approval of motor vehicle headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or light-emitting diode (LED) modules.</i> Contains principles and requirements for the competence, consistency and impartiality of the audit and certification of management systems of all types (e.g. quality management systems or environmental management systems) and for bodies providing these activities. <i>ECE amendment No. 1.</i> Amended to change the requirements for approval, general specifications, illumination, and transitional provisions, and to change the annexes on example of arrangement of approval marks, measuring screen, tests for stability of photometric performance of headlamps in operation, minimum requirements for conformity of production control procedures, requirements for lamps incorporating lenses of plastic material – testing of lens or material samples and of complete lamps, minimum requirements for sampling by an inspector, and requirements for LED modules and headlamps including LED modules.
SANS 50137:2011/ EN 137:2006 (SABS EN 137:1993)	<i>Respiratory protective devices – Self-contained open-circuit compressed air breathing apparatus with full face mask – Requirements, testing, marking.</i> Specifies minimum performance requirements for self-contained open-circuit compressed air breathing apparatus with full face mask used as respiratory protective devices, except escape apparatus and diving apparatus.
SANS 61000-6-3:2011/ IEC 61000-6-3:2011 (Ed. 2.1)	<i>Electromagnetic compatibility (EMC) – Part 6-3: Generic standards – Emission standard for residential, commercial and light-industrial environments. Consolidated edition incorporating amendment No. 1.</i> Amended to add new references and abbreviations, add definitions for "low voltage AC mains port" and "highest internal frequency", replace and add tables, and add the following two clauses: "Compliance with this standard", and "Emission test requirements".
SANS 61000-6-4:2011/ IEC 61000-6-4:2011 (Ed. 2.1)	<i>Electromagnetic compatibility (EMC) – Part 6-4: Generic standards – Emission standard for industrial environments. Consolidated edition incorporating amendment No. 1.</i> Amended to add new references and abbreviations, add definitions for "low voltage AC mains port" and "highest internal frequency", replace and add tables, and add the following two clauses: "Compliance with this standard", and "Emission test requirements".

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 1808-85:2004	<i>Water supply and distribution systems – Part 85: Oriented polyvinyl chloride (PVC-O) pressure pipes for underground use.</i>
SANS 5628:1972	<i>Determination of perspiration resistance of lining leather.</i>

SANS 5629:1993	<i>Leather and fibreboard – Determination of apparent density.</i>
SANS 5639:1972	<i>Determination of two-dimensional extension of leather.</i>
SANS 6080:1994	<i>Leather and other footwear materials – Resistance to to-and-fro rubbing.</i>
SANS 6132:1989	<i>Wet stitch tear strength of leather wetting.</i>
SANS 6237:1994	<i>Footwear – Inserts – Penetration resistance.</i>
SANS 10073:1974	<i>The safe application of masonry-type facings to buildings.</i>
SANS 10246:1993	<i>Accessibility of buildings to disabled persons.</i>
SANS 15946-3:2007	<i>Information technology – Security techniques – Cryptographic techniques based on elliptic curves – Part 3: Key establishment.</i>
SANS 50578:1993	<i>Plastics piping systems – Plastics pipes and fittings – Determination of the opacity.</i>
SANS 60079-12:1978	<i>Electrical apparatus for explosive gas atmospheres – Part 12: Classification of mixtures of gases or vapours with air according to their maximum experimental safe gaps and minimum igniting currents.</i>
SANS 60079-20:1996	<i>Electrical apparatus for explosive gas atmospheres – Part 20: Data for flammable gases and vapours relating to the use of electrical apparatus.</i>
SANS 61241-14:2005	<i>Electrical apparatus for use in the presence of combustible dust – Part 14: Selection and installation.</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.