

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

No. 646

30 August 2013

**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 1067-3:2013	<i>Copper-based fittings for copper tubes - Part 3: Push-fit fittings.</i> Covers copper based push-fit fittings for use with copper tubes that comply with the requirements of SANS 460 for sizes 8 mm to 54 mm.
SANS 4413:2013/ ISO 4413:2010	<i>Hydraulic fluid power - General rules and safety requirements for systems and their components.</i> Specifies general rules and safety requirements for hydraulic fluid power systems and components used on machinery as defined by ISO 12100 (published in South Africa as an identical adoption under the designation SANS 12100). Deals with all significant hazards associated with hydraulic fluid power systems and specifies the principles to apply in order to avoid those hazards when the systems are put to their intended use.
SANS 61869-3:2013/ IEC 61869-3:2011	<i>Instrument transformers - Part 3: Additional requirements for inductive voltage transformers.</i> Applies to new inductive voltage transformers for use with electrical measuring instruments and electrical protective devices at frequencies from 15 Hz to 100 Hz. Can only be used in conjunction with SANS 61869-1.
SANS 61869-5:2013/ IEC 61869-5:2011	<i>Instrument transformers - Part 5: Additional requirements for capacitor voltage transformers.</i> Applies to new single-phase capacitor voltage transformers connected between line and ground for system voltages $U_m \geq 72,5$ kV at power frequencies from 15 Hz to 100 Hz. They are intended to supply a low voltage for measurement, control and protective functions. Can only be used in conjunction with SANS 61869-1.
SATR 61869-103:2013/ IEC/TR 61869-103:2012	<i>Instrument transformers - The use of instrument transformers for power quality measurement.</i> Applies to inductive and electronic instrument transformers with analogue or digital output for use with electrical measuring instruments for measurement and interpretation of results for power quality parameters in 50/60 Hz a.c. power supply systems.

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 731-1:2013 (Ed. 4.1)	<i>Road markings - Part 1: Single-pack solvent-borne paints. Consolidated edition incorporating amendment No. 1.</i> Amended to re-insert the title for the subclause on skid resistance and retroreflectivity and to correct the subsequent numbering and cross references accordingly.
SANS 1191:2013 (Ed. 1.6)	<i>High penetration-resistant laminated safety glass for vehicles. Consolidated edition incorporating amendment No. 6.</i> Amended to change the height of testing impact resistance.
SANS 1574-5:2013 (Ed. 1.1)	<i>Electric flexible cables with solid extruded dielectric insulation - Part 5: Rubber-insulated cables for industrial use. Consolidated edition incorporating amendment No. 1.</i> Amended to change the title, to update the list of parts in the foreword, to add a type of cable, to update referenced standards, to delete definitions, to add nickel as the other type of covering for copper conductors, to add a table on specific requirements for polyester protected cords and to renumber the subsequent tables.

Standard No. and year	Title, scope and purport
SANS 18033-4:2013/ ISO/IEC 18033-4:2011 (SANS 18033-4:2007)	<i>Information technology - Security techniques - Encryption algorithms - Part 4: Stream ciphers.</i> Specifies output functions to combine a keystream with plaintext, keystream generators for producing keystream, and object identifiers assigned to dedicated keystream generators.

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 1632-1:2005	<i>Batteries - Part 1: General information - Definitions, abbreviations and symbols.</i>
SANS 4522-1:1985	<i>Metallic coatings - Test methods for electrodeposited silver and silver alloy coatings - Part 1: Determination of coating thickness.</i>
SANS 4522-2:1985	<i>Metallic coatings - Test methods for electrodeposited silver and silver alloy coatings - Part 2: Adhesion tests.</i>
SANS 4522-3:1988	<i>Metallic coatings - Test methods for electrodeposited silver and silver alloy coatings - Part 3: Determination of the presence of residual salts.</i>
SANS 7253:1996	<i>Paints and varnishes - Determination of resistance to neutral salt spray (fog).</i>
SANS 10815:2003	<i>Rubber, vulcanized or thermoplastic - Determination of compression set at ambient, elevated or low temperatures.</i>
SANS 60614-1:1994	<i>Conduits for electrical installations - Specification - Part 1: General requirements.</i>
SANS 60614-2-1:1982	<i>Specification for conduits for electrical installations - Part 2: Particular specifications for conduits - Section 1: Metal conduits.</i>
SANS 60614-2-2:1980	<i>Specification for conduits for electrical installations - Part 2: Particular specification for conduits - Section 2: Rigid plain conduits of insulating materials.</i>
SANS 61035-1:1990	<i>Specification for conduit fittings for electrical installations - Part 1: General requirements.</i>
SANS 61035-2-1:1993	<i>Specification for conduit fittings for electrical installations - Part 2: Particular specifications - Section 1: Metal conduit fittings.</i>
SANS 61035-2-2:1993	<i>Specification for conduit fittings for electrical installations - Part 2: Particular specifications - Section 2: Conduit fittings of insulating material.</i>
SANS 61035-2-3:1993	<i>Specification for conduit fittings for electrical installations - Part 2: Particular specifications - Section 3: Fittings for flexible conduits of metal, insulating or composite materials and for pliable conduits of metal or composite materials.</i>
SANS 61035-2-4:1995	<i>Specification for conduit fittings for electrical installations - Part 2: Particular specifications - Section 4: Conduit fittings of aluminium alloy.</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.