

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

No. 304

20 March 2008

**STANDARDS ACT, 1993
STANDARDS MATTERS**

In terms of the Standards Act, 1993 (Act No. 29 of 1993), 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 347:2007	<i>Categorization and conformity assessment criteria for all pressure equipment.</i> Specifies criteria for the categorization and conformity assessment of pressure equipment, as required by the applicable statutory regulations.
SANS 1574-1:2007	<i>Electric flexible cores, cords and cables with solid extruded dielectric insulation – Part 1: General.</i> Covers general requirements for single-core and multicore flexible PVC-insulated cables of rated operating voltages in the range (U_0/U) 300/300 V to 600/1 000 V, intended for use in domestic and industrial applications.
SANS 1574-3:2007	<i>Electric flexible cores, cords and cables with solid extruded dielectric insulation – Part 3: PVC-insulated cores and cables.</i> Specifies requirements for single-core and multicore flexible PVC-insulated cables of rated operating voltages up to and including 600 V to earth and 1 000 V between conductors, intended for use in industrial applications. Insulating and sheathing materials of PVC are also covered.
SANS 1574-4:2007	<i>Electric flexible cores, cords and cables with solid extruded dielectric insulation – Part 4: Rubber-insulated cores and cords.</i> Specifies requirements for single-core flexible rubber-insulated cores and multicore flexible rubber-insulated cords of operating voltages up to and including 300 V to earth and 500 V between conductors, intended for use with electrical appliances. Insulating and sheathing materials of rubber are also covered.
SANS 1574-5:2007	<i>Electric flexible cores, cords and cables with solid extruded dielectric insulation – Part 5: Rubber-insulated cores and cables.</i> Specifies requirements for single-core and multicore flexible rubber-insulated cables of rated operating voltages up to and including 600 V to earth and 1 000 V between conductors, intended for use in industrial applications. Covers insulating and sheathing materials of both rubber and silicone rubber.
SANS 1884-2:2007	<i>Holding pens for temporary housing of animals – Part 2: Vehicles for the transportation of wild herbivores by road to holding pens and other facilities.</i> Specifies the requirements for vehicles used for road transportation of wild herbivores. It covers vehicles fitted with fixed or detachable mass crates, individual animal crates and specialised vehicles. It does not cover the transportation of domestic livestock.
SANS 1918:2007	<i>Needleless connectors (sterile-packed for single patient use).</i> Covers requirements for unattached needleless connectors which are sterile-packed for single patient use, for use with 6 % Luer mating systems, and intended for general medical use with blood, blood derivatives and fluids other than blood. It does not cover connectors with elastomeric diaphragms intended for use with hypodermic needles nor split-septum needleless connectors that require the use of a blunt cannula to access an infusion system.
SANS 9796-2:2007 ISO/IEC 9796-2:2002	<i>Information technology – Security techniques – Digital signature schemes giving message recovery – Part 2: Integer factorization based mechanisms.</i> Defines three digital signature schemes giving message recovery, two of which are deterministic and one of which is randomized. All three schemes can give either total or partial message recovery.
SANS 10594:2007/ ISO 10594:2006	<i>Micrographics – Rotary camera systems – Test target for checking performance.</i> Specifies a test target and a method for checking the optical and mechanical performances of rotary cameras used for producing 16 mm microfilm.
SANS 12029:2007/ ISO/TS 12029:2007	<i>Electronic imaging – Forms design optimization for electronic image management.</i> Provides guidelines for the design of forms to be completed by users and scanned for processing by electronic image management (EIM) systems
SANS 15946-2:2007/ ISO/IEC 15946-2:2002	<i>Information technology – Security techniques – Cryptographic techniques based on elliptic curves – Part 2: Digital signatures.</i> Defines public-key cryptographic techniques based on elliptic curves. Includes the establishment of keys for secret-key systems, and digital signature mechanisms.
SANS 16085:2007/ ISO/IEC 16085:2006	<i>Systems and software engineering – Life cycle processes – Risk management.</i> Specifies a process for the management of risk during systems or software acquisition, supply, development, operations and maintenance.

Standard No. and year	Title, scope and purport
SANS 16368:2007/ ISO 16368:2003	<i>Mobile elevating work platforms – Design calculations, safety requirements and test methods.</i> Specifies technical safety requirements and measures for all types and sizes of mobile elevating work platforms (MEWPs) intended to move persons to working positions. Applicable to the structural design calculations and stability criteria, construction, safety examinations and security tests before MEWPs are put into service. Identifies the hazards arising from the use of MEWPs and describes methods for the elimination or reduction of these hazards.
SANS 18878:2007/ ISO 18878:2004	<i>Mobile elevating work platforms – Operator (driver) training.</i> Provides methods to prepare training materials and to administer training to operators (drivers) of Mobile Elevating Work Platforms (MEWPs). Applicable to MEWPs as defined in SANS 16368 which are intended to move persons to positions where they can carry out work from the work platform.
SANS 18893:2007/ ISO 18893:2004	<i>Mobile elevating work platforms – Safety principles, inspection, maintenance and operation.</i> Applies to all Mobile Elevating Work Platforms (MEWPs) that are intended to position persons, tools and materials and which consists, at least, of a work platform with controls, an extending structure and a chassis. The technical safety requirements shall apply except where national or local regulations are more stringent. Applies to MEWPs to prevent personal injuries, damage of property and accidents, as well as establish criteria for inspection, maintenance and operation.
SANS 22003:2007/ ISO/TS 22003:2007	<i>Food safety management systems – Requirements for bodies providing audit and certification of food safety management systems.</i> Defines the rules applicable for the audit and certification of a food safety management system (FSMS) that complies with the requirements given in ISO 22000 (published in South Africa as an identical adoption under the designation SANS 22000). It provides the necessary information and confidence to customers about the way certification of their suppliers has been granted.
SANS 24537:2007/ ISO 24537:2007	<i>Micrographics – Dimensions for reels used for 16 mm and 35 mm microfilm.</i> Covers the essential dimensions of lightweight reels, made of plastic or metal, used for the storage and retrieval of processed 16 mm and 35 mm microfilm that is used in manually threaded equipment.
SANS 53138-1:2007/ EN 13138-1:2003	<i>Buoyant aids for swimming instruction – Part 1: Safety requirements and test methods for buoyant aids to be worn.</i> Specifies safety requirements for construction, performance, sizing and marking for swimming aids intended to assist users with movement through the water whilst learning to swim or whilst learning part of a swimming stroke. It also gives methods of test for verification of these requirements. It applies to devices that are designed to be worn or are carried on the body and which have either inherent buoyancy or can be inflated. It includes Class B devices intended to introduce the wearer to the range of swimming strokes. It does not apply to buoyancy aids, lifejackets or aquatic toys.
SANS 53138-2:2007/ EN 13138-2:2002	<i>Buoyant aids for swimming instruction – Part 2: Safety requirements and test methods for buoyant aids to be held.</i> Specifies safety requirements for construction, performance, sizing and marking for swimming aids intended to assist users with movement through the water in the early stages of water awareness, whilst learning to swim or whilst learning part of a swimming stroke. It also gives methods of test for verification of these requirements. It applies to class C devices that are designed to assist with improving specific elements of the stroke and which have either inherent buoyancy or can be inflated. It includes devices that are held in the hands, by the body or between the legs. It does not apply to buoyancy aids, lifejackets or aquatic toys.
SANS 53138-3:2007/ EN 13138-3:2003	<i>Buoyant aids for swimming instruction – Part 3: Safety requirements and test methods for swim seats to be worn.</i> Specifies safety requirements for design, sizing, materials, strength and in-water performance as well as provisions for marking and the information supplied by the manufacturer for swim seats to be worn. It also specifies the relevant test methods. It covers class A buoyancy devices in which children are seated. These devices are only intended for children aged up to 36 months with a body mass less than or equal to 18 kg.
SANS 53794:2007/ EN 13794:2002	<i>Respiratory protective devices – Self-contained closed-circuit breathing apparatus for escape – Requirements, testing, marking.</i> Specifies minimum requirements for self-contained closed-circuit breathing apparatus, chemical oxygen (KO ₂ , NaClO ₃) type and compressed oxygen type for escape.
SANS 54387:2007/ EN 14387:2004	<i>Respiratory protective devices – Gas filter(s) and combined filter(s) – Requirements, testing, marking.</i> Refers to gas and combined filters for use as components in unassisted respiratory protective devices.
SANS 60034-27:2007/ IEC TS 60034-27:2006	<i>Rotating electrical machines – Part 27: Off-line partial discharge measurements on the stator winding insulation of rotating electrical machines.</i> Provides a common basis for measuring techniques and instruments, the arrangement of test circuits, normalization and testing procedures, noise reduction, the documentation of test results, and the interpretation of test results with respect to partial discharge off-line measurements on the stator winding insulation of rotating electrical machines.
SANS 60034-28:2007/ IEC TS 60034-28:2007	<i>Rotating electrical machines – Part 28: Test methods for determining quantities of equivalent circuit diagrams for three-phase low-voltage cage induction motors.</i> Applies to three-phase low-voltage cage induction motors of frame numbers 56 to 400 as specified in IEC 60072-1 (published in South Africa as an identical adoption under the designation SANS 60072-1). Establishes procedures to obtain values for elements of single-phase equivalent circuit diagrams from tests and defines standard elements of these diagrams.
SANS 60335-2-106:2007/ IEC 60335-2-106:2007	<i>Household and similar electrical appliances – Safety – Part 2-106: Particular requirements for heated carpets and for heating units for room heating installed under removable floor coverings.</i> Deals with the safety of heated carpets and similar devices, and heating units to heat the room in which they are located and that are intended to be installed directly under a floor covering that is itself intended to be removable; their rated voltage being not more than 250 V for single-phase installations and 480 V for other installations.
SANS 60730-2-3:2007/ IEC 60730-2-3:2006	<i>Automatic electrical controls for household and similar use – Part 2-3: Particular requirements for thermal protectors for ballasts for tubular fluorescent lamps.</i> Applies to the evaluation of thermal protectors for ballasts for tubular fluorescent lamps. Also applies to thermal protectors using negative temperature coefficient (NTC) or positive temperature coefficient (PTC) thermistors.

Standard No. and year	Title, scope and purport
SANS 60730-2-4:2007/ IEC 60730-2-4:2006	<i>Automatic electrical controls for household and similar use – Part 2-4: Particular requirements for thermal motor protectors for motor-compressors of hermetic and semi-hermetic type.</i> Applies to the partial evaluation of thermal motor protectors for sealed (hermetic and semi-hermetic type) motor-compressors. Also applies to thermal motor protectors for motor compressors using negative temperature coefficient (NTC) or positive temperature coefficient (PTC) thermistors.
SANS 60730-2-6:2007/ IEC 60730-2-6:2007	<i>Automatic electrical controls for household and similar use – Part 2-6: Particular requirements for automatic electrical pressure sensing controls including mechanical requirements.</i> Applies to automatic electrical pressure sensing controls with a minimum gauge pressure rating of -60 kPa and a maximum gauge pressure rating of 4,2 MPa, for use in, on or in association with, equipment for household and similar use that may use electricity, gas, oil, solid fuel, solar thermal energy, etc. or a combination thereof, including heating, air-conditioning and similar applications.
SANS 60730-2-7:2007/ IEC 60730-2-7:1990	<i>Automatic electrical controls for household and similar use – Part 2-7: Particular requirements for timers and time switches.</i> Applies to timers and time switches for household and similar use that may use electricity, gas, oil, solid fuel, solar thermal energy, etc. or a combination thereof, including heating, air conditioning and similar applications. Applies to controls with a rated voltage not exceeding 660 V and a rated current not exceeding 63 A.
SANS 60730-2-10:2007/ IEC 60730-2-10:2006	<i>Automatic electrical controls for household and similar use – Part 2-10: Particular requirements for motor-starting relays.</i> Applies to controls for automatically controlling the starting windings of single-phase motors associated with equipment for household and similar use. Also applies to motor-starting relays using negative temperature coefficient (NTC) or positive temperature coefficient (PTC) thermistors, starting relays incorporating electronic devices and starting relays using thermistor elements, thermal elements and magnetic elements.
SANS 60730-2-12:2007/ IEC 60730-2-12:2005	<i>Automatic electrical controls for household and similar use – Part 2-12: Particular requirements for electrically operated door locks.</i> Applies to electrically operated door locks intended to prevent the opening of doors in equipment for household and similar use. Applies to door locks with electrical circuits and control circuits such as locks operated by bimetals, magnet coils, memory metals, pressure elements, temperature-sensitive expansion elements or electronic elements.
SANS 60730-2-13:2007/ IEC 60730-2-13:2006	<i>Automatic electrical controls for household and similar use – Part 2-13: Particular requirements for humidity sensing controls.</i> Applies to automatic electrical humidity sensing controls for use in, on or in association with equipment for household and similar use, including controls for heating, air-conditioning and similar application. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc. or a combination thereof.
SANS 60730-2-18:2007/ IEC 60730-2-18:1997	<i>Automatic electrical controls for household and similar use – Part 2-18: Particular requirements for automatic electrical water and air flow sensing controls, including mechanical requirements.</i> Applies to automatic electrical water and air flow sensing controls for use in, on or in association with equipment for household and similar use including controls for heating, air-conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy etc., or a combination thereof.
SANS 60794-5:2007/ IEC 60794-5:2006	<i>Optical fibre cables – Part 5: Sectional specification – Microduct cabling for installation by blowing.</i> Specifies the requirements of microduct optical fibre cables, microduct fibre units, microducts and protected microducts for installation by blowing for outdoor and/or indoor use.
SANS 61000-2-9:2007/ IEC 61000-2-9:1996	<i>Electromagnetic compatibility (EMC) – Part 2: Environment – Section 9: Description of HEMP environment – Radiated disturbance – Basic EMC publication.</i> Defines the high-altitude electromagnetic pulse (HEMP) environment that is one of the consequences of a high-altitude nuclear explosion. The object is to establish a common reference for the HEMP environment in order to select realistic stresses to apply to victim equipment for evaluating their performance.
SANS 61000-2-10:2007/ IEC 61000-2-10:1998	<i>Electromagnetic compatibility (EMC) – Part 2-10: Environment – Description of HEMP environment – Conducted disturbance.</i> Defines the high-altitude electromagnetic pulse (HEMP) conducted environment that is one of the consequences of a high-altitude nuclear explosion. The object is to establish a common reference for the conducted HEMP environment in order to select realistic stresses to apply to victim equipment for evaluating their performance.
SANS 61000-2-13:2007/ IEC 61000-2-13:2005	<i>Electromagnetic compatibility (EMC) – Part 2-13: Environment – High-power electromagnetic (HPEM) environments – Radiated and conducted.</i> Defines a set of typical radiated and conducted HPEM environment waveforms that may be encountered in civil facilities. Such threat environments can produce damaging effects on electrical and electronic equipment in the civilian sector as described in IEC/TR 61000-1-5 (adopted as SANS 61000-1-5).
SANS 61326-1:2007/ IEC 61326-1:2005	<i>Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 1: General requirements.</i> Specifies requirements for immunity and emissions regarding electromagnetic compatibility (EMC) for electrical equipment, operating from a supply or battery of less than 1 000 V a.c. or 1 500 V d.c. or from the circuit being measured.
SANS 62055-51:2007/ IEC 62055-51:2007	<i>Electricity metering – Payment systems – Part 51: Standard transfer specification (STS) – Physical layer protocol for one-way numeric and magnetic card token carriers.</i> Specifies a physical layer protocol of the standard transfer specification (STS) for transferring units of credit and other management information between a point-of-sale (POS) system and an STS-compliant electricity payment meter.
SANS 62316:2007/ IEC TR 62316:2007	<i>Guidance for the interpretation of OTDR backscattering traces.</i> Provides guidelines for the interpretation of backscattering traces, as obtained by an optical time domain reflectometer (OTDR). (A full description of the test measurement procedure can be found in Annex C of IEC 60793-1-40 (adopted as SANS 60793-1-40).)

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 49:2007 (Ed. 3.1)	<i>Edible gelatin. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update referenced publications, to delete reference to national legislation in the text, to add the chemical requirements and limit tests for cadmium and mercury, and to delete reference to the certification mark.
SANS 363:2007/ ISO 10129:2006 (SANS 363:2005)	<i>Plain bearings – Testing of bearing metals – Resistance to corrosion by lubricants under static conditions.</i> Describes the testing of bearing metals with lubricants with regard to their corrosion resistance.
SANS 529:2007 (SABS 529:2001)	<i>Heat-resisting wiring cables.</i> Covers single-core cables that have solid, stranded, or flexible conductors of annealed copper, and are intended for use at conductor operating temperatures not exceeding 250 °C in electrical appliances and apparatus at voltages not exceeding 600 V to earth, and in industrial equipment at voltages not exceeding 1 000 V between phases.
SANS 795:2007 (Ed. 3.2)	<i>Wheelbarrows. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards and to update the definition of "acceptable" and a referenced standard.
SANS 914:2007 (SABS 914:1974)	<i>Fishplates for light rails.</i> Covers the material, dimensional, and mechanical requirements for fishplates for flat-bottom rails of nominal mass per length 10, 15, 22, and 30 kg/m. It does not cover fishplates used in the national rail network.
SANS 916:2007 (SABS 916:1973)	<i>Fishbolts and nuts for light rails.</i> Covers the requirements for three types of fishbolts and nuts for flat-bottom rails of nominal mass per length 10, 15, 22, and 30 kg/m.
SANS 917:2007 (SABS 917:1971)	<i>Dogspikes for light rails.</i> Covers the dimensional and constructional requirements for dogspikes for flat-bottom rails of mass per length 10, 15, and 22 kg/m.
SANS 1117:2007 (Ed. 1.2)	<i>Plastics wrappings for the protection of steel pipelines. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable", change requirements for stainless steel plates in the adhesion test, and update referenced standards.
SANS 1261-1:2007 (SABS 1261-1:2002)	<i>Performance requirements for retail textiles – Part 1: Household piece-goods and articles.</i> Specifies performance requirements for retail textile household piece-goods and articles.
SANS 1261-2:2007 (SABS 1261-2:2002)	<i>Performance requirements for retail textiles – Part 2: Piece-goods for women's and girls' wear.</i> Specifies performance requirements for retail textile piece-goods used in the manufacturing of women's and girls' wear.
SANS 1261-3:2007 (SABS 1261-3:2002)	<i>Performance requirements for retail textiles – Part 3: Piece-goods for men's and boys' wear.</i> Specifies performance requirements for retail textile piece-goods used in the manufacturing of men's and boys' wear.
SAN 1270:2007 (Ed. 3.1)	<i>General requirements for woven textile piece-goods and household articles. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to update referenced standards.
SANS 1309:2007 (SANS 1309:2004)	<i>Printed labels for textiles.</i> Specifies requirements for printed fabric labels suitable for informative labelling of textile articles and garments.
SANS 1418-1:2007 (Ed. 1.6)	<i>Aerial bundled conductor systems – Part 1: Cores. Consolidated edition incorporating amendment No. 6.</i> Amended to delete the standardization mark, to increase the allowable upper level of the acceptance range of tensile test results, to change a marking requirement and to change the designation of SABS standards to SANS standards.
SANS 1418-2:2007 (Ed. 1.4)	<i>Aerial bundled conductor systems – Part 2: Assembled insulated conductor bundles. Consolidated edition incorporating amendment No. 4.</i> Amended to delete the standardization mark, to change the designation of SABS standards to SANS standards with no technical changes and to change a referenced standard.
SANS 1600:2007 (SABS 1600:2002)	<i>Permitted electric detonators.</i> Specifies the characteristics of two types of electric detonators, instantaneous and delay, for use in fiery mines. It does not cover electronic detonators or permitted detonators of any other type.
SANS 1613:2007 (SANS 1613:2006)	<i>Warp-knitted terry towelling fabric and articles.</i> Specifies the requirements for two types of single-sided pile knitted terry towelling fabric and six types of double-sided pile knitted terry towelling fabric, and articles in the form of face cloths, bibs, napkins and towels made from the fabrics.
SANS 1658:2007 (SABS 1658:1996)	<i>Ballistic resistance of body armour.</i> Specifies the minimum performance requirements for the ballistic resistance of body armour intended to protect the wearer's torso against gunfire.
SANS 1671-1:2007 (Ed. 1.1)	<i>Welding of thermoplastics – Machines and equipment – Part 1: Heated-tool welding. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to move reference to national legislation to the foreword, and to update the referenced standards.
SANS 1717-2:2007 (Ed. 1.1)	<i>The design and approval of detonator initiation systems for use in mining and civil blasting applications – Part 2: Electric initiation systems – Shot exploder based. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to remove reference to national legislation from the text.
SANS 1888:2007 (Ed. 1.1)	<i>Incandescent lamps for traffic signal lights. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, and to update a referenced standard.

Standard No. and year	Title, scope and purport
SANS 3310-2:1999/ ISO 3310-2:1999	<i>Test sieves – Technical requirements and testing – Part 2: Test sieves of perforated metal plate. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 4524-3:1985/ ISO 4524-3:1985	<i>Metallic coatings – Test methods for electrodeposited gold and gold alloy coatings – Part 3: Electrographic tests for porosity. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 4541:1978/ ISO 4541:1978	<i>Metallic and other non-organic coatings – Corrodokote corrosion test (CORR test). National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 4800:1998/ ISO 4800:1998	<i>Laboratory glassware – Separating funnels and dropping funnels. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 5125:2007 (Ed. 3.1)	<i>Paints and varnishes – Determination of viscosity by means of an efflux cup. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 5160:2007 (Ed. 3.1)	<i>Paints and varnishes – Temperature stability. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, with no technical changes.
SANS 5265:2007 (Ed. 3.1)	<i>Air permeability of textile fabrics. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to update referenced standards.
SANS 5326:2007 (SABS SM 326:2001)	<i>Skein strength and tenacity, and linear density of spun textile yarns on packages.</i> Specifies a method for the determination of the skein strength and tenacity, and linear density of spun textile yarns on packages.
SANS 6100:2007 (SABS SM 1100:1994)	<i>Aerial bundled conductors – Performance of supporting cores under mechanical and thermal stresses.</i> Specifies a method of testing the performance of supporting cores of aerial bundled conductors by the application of mechanical stresses and thermal stresses that are produced by the application of intermittent electric currents. The test is applicable to conductors of nominal cross-sectional area 54,6 mm ² and 70 mm ² .
SANS 6204:2007 (SABS SM 1204:1992)	<i>Heat resistance of cables and flexible cords.</i> Specifies a method of testing the electrical and mechanical integrity of a cable or flexible cord when in direct contact with a hot surface while under electrical high tension. Is applicable to cables or cords intended to be used with appliances, apparatus or equipment where hot surfaces are encountered, such as irons, toasters and furnaces.
SANS 6205:2007 (SABS SM 1205:1992)	<i>Extensibility test for extensible leads.</i> Specifies a method of testing the ability of an extensible lead to withstand extension.
SANS 6206:2007 (SABS SM 1206:1992)	<i>Wear resistance of braided and unkinkable cords.</i> Specifies a method of testing the ability of braided and unkinkable electric cords to withstand wear.
SANS 6207:2007 (SABS SM 1207:1992)	<i>Bending test for highly flexible cords such as tinsel cords.</i> Specifies a method of testing the ability of highly flexible cords to bend.
SANS 6208:2007 (SABS SM 1208:1992)	<i>Extension test for extensible leads.</i> Specifies a method of testing the extensibility of extensible leads.
SANS 6281-1:2007 (SABS SM 1281-1:1998)	<i>Test methods for impregnated paper-insulated electric cables – Part 1: Tests on insulating and semi-conducting paper.</i> Specifies methods for determining the thickness of impregnated paper insulation, the tensile strength of impregnated paper and of unimpregnated paper, the ash content of insulating paper, the hydrogen ion concentration (pH value) and conductivity of water extracted from insulating paper and from semi-conducting paper.
SANS 6281-2:2007 (SABS SM 1281-2:1999)	<i>Test methods for impregnated paper-insulated electric cables – Part 2: Tests on metallic sheaths.</i> Specifies methods for measuring the thickness of lead or lead alloy sheaths, measuring the thickness, pitch and depth of corrugation of corrugated seamless aluminium sheaths, and analysing lead or lead alloy sheaths. Also details the method for carrying out the belling test on lead or lead alloy sheaths and cable jointing sleeves.
SANS 6281-3:2007 (SABS SM 1281-3:1999)	<i>Test methods for impregnated paper-insulated electric cables – Part 3: Tests on finished cable.</i> Specifies methods for carrying out the power-frequency voltage test, the ionization test on screened cables (measuring tan delta), the bending test, the load cycling test, the impulse voltage test, the four-hour high-voltage a.c. withstand test and the drainage test.
SANS 6281-4:2007 (SABS SM 1281-4:1999)	<i>Test methods for impregnated paper-insulated electric cables – Part 4: Tests after installation.</i> Specifies methods on impregnated paper-insulated electric cables for carrying out the qualitative test for the presence of moisture in impregnated paper insulation, the phasing test, the voltage test on the cable sheath, the insulation resistance test, the conductor resistance test, the capacitance test, and the high-voltage test on the complete installation.
SANS 6283:2007 (SABS SM 1283:2002)	<i>Test methods for armouring of insulated electric cables.</i> Specifies methods for determining the dimensions of round wire armour, strip armour and tape armour, the tensile strength and elongation at break of cable armouring materials, the mass of zinc coating on steel wire armour or tape armour, the uniformity of zinc coating on steel wire armour or tape armour, and the adhesion of zinc coating to steel wire armour or tape armour.
SANS 6284-2:2007 (SABS SM 1284-2:1999)	<i>Test methods for cross-linked polyethylene (XLPE) insulated electric cables – Part 2: Tests on extruded semi-conducting screens.</i> Specifies methods for determining the thickness of semi-conducting screens, the volume resistivity of semi-conducting screens, and the adhesion of strippable insulation screens.
SANS 6284-3:2007 (SABS SM 1284-3:2000)	<i>Test methods for cross-linked polyethylene (XLPE) insulated electric cables – Part 3: Tests on finished cable.</i> Specifies methods for carrying out the frequency voltage test and partial discharge test, the bending test, the load cycling test and the impulse voltage test. It also specifies methods for carrying out the four-hour high-voltage withstand test, the voltage test on outer sheath, and the measurement of the overall diameter and ovality of the cable on finished cross-linked polyethylene (XLPE) insulated cables.

Standard No. and year	Title, scope and purport
SANS 6284-5:2007 (SABS SM 1284-5:2001)	<i>Test methods for cross-linked polyethylene (XLPE) insulated electric cables – Part 5: Ageing tests.</i> Specifies methods for carrying out ageing tests on samples of triple-extruded core of an XLPE cable to demonstrate the long-term reliability of the materials used and their resistance to the growth of water trees.
SANS 6286:2007 (SABS SM 1286:2000)	<i>Test methods for sheathing of insulated electric cables.</i> Specifies methods for the abrasion test, the corrosion spread test, the voltage withstand test, and the sheath surface resistance test.
SANS 6509:1981/ ISO 6509:1981	<i>Corrosion of metals and alloys – Determination of dezincification resistance of brass. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 6988:1985 ISO 6988:1985	<i>Metallic and other non-organic coatings – Sulfur dioxide test with general condensation of moisture. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 9854-2:1994/ ISO 9854-2:1994	<i>Thermoplastics pipes for the transport of fluids – Determination of pendulum impact strength by the Charpy method – Part 2: Test conditions for pipes of various materials. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 10089-1:2007 (Ed. 4.2)	<i>The petroleum industry – Part 1: Storage and distribution of petroleum products in above-ground bulk installations. Consolidated edition incorporating amendment No. 2.</i> Amended to include a statement in the foreword on application of this standard in other jurisdictions, to update and add referenced standards, to update the definition of "acceptable" and references to legislation, to add fixed tanks to table 1, to replace "one fifth" with "one and a half" for minimum distance in table 3, and to include information on UL standard publishers in footnote 2.
SANS 10156:2007 (Ed. 1.1)	<i>The handling of chilled and frozen foods. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to delete reference to national legislation and to the SAR specification in the text, and to update applicable publications.
SANS 10227:2007 (SABS 0227:2000)	<i>Criteria for the operation of inspection authorities performing inspection in terms of the Pressure Equipment Regulations.</i> Covers the specific criteria for the operation and the evaluation of the technical competence of inspection authorities charged with the survey, or the certification, or the re-certification, or the modification, or the repair (or any combination of these) of pressure equipment as defined in the Pressure Equipment Regulations.
SANS 10325-1:2007 (Ed. 1.1)	<i>The safe application of detonator systems for use in mining and civil blasting applications – Part 1: Electronic detonator systems. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update reference standards and to remove reference to legislation from the text.
SANS 10325-2:2007 (Ed. 1.1)	<i>The safe application of detonator systems for use in mining and civil blasting applications – Part 2: Electric detonator systems – Shot exploder based. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to remove reference to legislation from the text.
SANS 11210:1995/ ISO 11210:1995	<i>Determination of platinum in platinum jewellery alloys – Gravimetric method after precipitation of diammonium hexachloroplatinate. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 11581-1:2000/ ISO/IEC 11581-1:2000	<i>Information technology – User system interfaces and symbols – Icon symbols and functions – Part 1: Icons – General. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 11581-3:2000/ ISO/IEC 11581-3:2000	<i>Information technology – User system interfaces and symbols – Icon symbols and functions – Part 3: Pointer icons. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 11922-1:1997/ ISO 11922-1:1997	<i>Thermoplastics pipes for the conveyance of fluids – Dimensions and tolerances – Part 1: Metric series. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 13818-3:1998/ ISO/IEC 13818-3:1998	<i>Information technology – Generic coding of moving pictures and associated audio information – Part 3: Audio. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 50403:2007/ EN 403:2004 (SABS EN 403:1993)	<i>Respiratory protective devices for self-rescue – Filtering devices with hood for escape from fire – Requirements, testing, marking.</i> Specifies filtering devices with a hood for personal escape from particulate matter, carbon monoxide and other toxic gases produced by fire. Specifies minimum requirements for this device which is for single use.
SANS 50404:2007/ EN 404:2005 (SABS EN 404:1993)	<i>Respiratory protective devices for self-rescue – Filter self-rescuer from carbon monoxide with mouthpiece assembly.</i> Specifies performance requirements, test methods and marking requirements for filtering devices designed for protection against carbon monoxide.
SANS 50892:2007/ EN 892:2004 (SABS EN 892:1996)	<i>Mountaineering equipment – Dynamic mountaineering ropes – Safety requirements and test methods.</i> Specifies safety requirements and test methods for dynamic ropes (single, half and twin ropes) in kernmantel construction for use in mountaineering including climbing.
SANS 54387:2007/ EN 14387:2004	<i>Respiratory protective devices – Gas filter(s) and combined filter(s) – Requirements, testing, marking. EN corrigendum No. 1.</i> Corrected to indicate that this standard supersedes EN 141:2000, EN 371:1992 and EN 372:1992.
SANS 60034-14:2007/ IEC 60034-14:2007 (Ed. 3.1)	<i>Rotating electrical machines – Part 14: Mechanical vibration of certain machines with shaft heights 56 mm and higher – Measurement, evaluation and limits of vibration severity. Consolidated edition incorporating amendment No. 1.</i> Amended to change requirements for limits of bearing housing vibration.
SANS 60060-2:1994/ IEC 60060-2:1994	<i>High-voltage test techniques – Part 2: Measuring systems. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.

Standard No. and year	Title, scope and purport
SANS 60099-1:1999/ IEC 60099-1:1999 (Ed. 1.1)	<i>Surge arresters – Part 1: Non-linear resistor type gapped surge arresters for a.c. systems. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60254-2:2000/ IEC 60254-2:2000 (Ed. 2.1)	<i>Lead-acid traction batteries – Part 2: Dimensions of cells and terminals and marking of polarity on cells. National amendment No. 2.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60335-2-27:2007/ IEC 60335-2-27:2007 (Ed. 3.2)	<i>Household and similar electrical appliances – Safety – Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation. Consolidated edition incorporating amendment No. 2.</i> Amended to include instances where this standard does not apply, to add a definition, and to include a fluorescent UV lamp equivalence code.
SANS 60335-2-70:2007/ IEC 60335-2-70:2007 (Ed. 2.1)	<i>Household and similar electrical appliances – Safety – Part 2-70: Particular requirements for milking machines. Consolidated edition incorporating amendment No. 1.</i> Amended to clarify that the standard covers abnormal situations that can be expected in practice and takes into account electromagnetic phenomena, to include a "Do not hose" symbol, to change a requirement for mechanical strength, and to update references in the bibliography.
SANS 60335-2-71:2007/ IEC 60335-2-71:2007 (Ed. 2.1)	<i>Household and similar electrical appliances – Safety – Part 2-71: Particular requirements for electrical heating appliances for breeding and rearing animals. Consolidated edition incorporating amendment No. 1.</i> Amended to clarify that the standard covers abnormal situations that can be expected in practice and takes into account electromagnetic phenomena, to change a requirement for heat-radiating appliances, to include "Do not cover" and "Caution, risk of fire" symbols, to change a requirement for mechanical strength, and to update references in the bibliography.
SANS 60384-2:2007/ IEC 60384-2:2005 (SABS IEC 60384-2:1982)	<i>Fixed capacitors for use in electronic equipment – Part 2: Sectional specification: Fixed metallized polyethylene-terephthalate film dielectric d.c. capacitors.</i> Applies to fixed capacitors for direct current, with metallized electrodes and polyethylene-terephthalate dielectric for use in electronic equipment. These capacitors may have "self-healing properties" depending on conditions of use. They are primarily intended for applications where the a.c. component is small with respect to the rated voltage.
SANS 60384-2-1:2007/ IEC 60384-2-1:2005 (SABS IEC 60384-2-1:1982)	<i>Fixed capacitors for use in electronic equipment – Part 2-1: Blank detail specification: Fixed metallized polyethylene-terephthalate film dielectric d.c. capacitors – Assessment levels E and EZ. Contains requirements for style and layout and minimum content of detail specifications.</i> Specifies requirements for dimensions, ratings, characteristics, marking and ordering information. Describes the inspection requirements including sampling, periodicity, severities and requirements.
SANS 60384-4:2007/ IEC 60384-4:2007 (SABS IEC 60384-4:1998)	<i>Fixed capacitors for use in electronic equipment – Part 4: Sectional specification – Aluminium electrolytic capacitors with solid (MnO₂) and non-solid electrolyte.</i> Applies to aluminium electrolytic capacitors with solid and non-solid electrolyte primarily intended for d.c. applications for use in electronic equipment. Covers capacitors for long-life applications and capacitors for general-purpose applications. IEC technical corrigendum No. 1. Amended to replace an incorrect unit in table 7.
SANS 60384-6:2007/ IEC 60384-6:2005 (SABS IEC 60384-6:1987)	<i>Fixed capacitors for use in electronic equipment – Part 6: Sectional specification: Fixed metallized polycarbonate film dielectric d.c. capacitors.</i> Applies to fixed capacitors for direct current, with metallized electrodes and polycarbonate dielectric for use in electronic equipment. These capacitors may have "self-healing properties" depending on conditions of use. They are primarily intended for applications where the a.c. component is small with respect to the rated voltage.
SANS 60479-3:1998/ IEC 60479-3:1998	<i>Effects of current on human beings and livestock – Part 3: Effects of currents passing through the body of livestock. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60623:2001/ IEC 60623:2001	<i>Secondary cells and batteries containing alkaline or other non-acid electrolytes – Vented nickel-cadmium prismatic rechargeable single cells. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60730-2-2:2007/ IEC 60730-2-2:2005 (Ed. 1.1)	<i>Automatic electrical controls for household and similar use – Part 2-2: Particular requirements for thermal motor protectors. Consolidated edition incorporating amendment No. 1.</i> Amended to change requirements for environmental stress, endurance, mechanical strength, heat, fire and tracking, and to change tests and requirements for electronic controls, electronic disconnection, normal and abnormal operation, and electromagnetic compatibility.
SANS 60730-2-5:2007/ IEC 60730-2-5:2004 (Ed. 1.1)	<i>Automatic electrical controls for household and similar use – Part 2-5: Particular requirements for automatic electrical burner control systems. Consolidated edition incorporating amendment No. 1.</i> Amended to add a definition, to refer to the number of automatic cycles of each automatic action in different countries, and to change requirements for construction, manufacturing deviation and drift, environmental stress, distances through insulation, and electromagnetic compatibility with regard to emission and immunity.
SANS 60730-2-7:2007/ IEC 60730-2-7:1990	<i>Automatic electrical controls for household and similar use – Part 2-7: Particular requirements for timers and time switches. IEC amendment No. 1.</i> Amended to extend the scope to include individual timers and allow timers to be used by the public, to include a normative reference clause, and to change requirements for electronic controls.
SANS 60730-2-11:2007/ IEC 60730-2-11:2006 (SABS IEC 60730-2-11:1997)	<i>Automatic electrical controls for household and similar use – Part 2-11: Particular requirements for energy regulators.</i> Applies to energy regulators for use in, on, or in association with equipment for household and similar use, including energy regulators for heating, air conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc. or a combination thereof.
SANS 60730-2-14:2007/ IEC 60730-2-14:2001 (Ed. 1.1)	<i>Automatic electrical controls for household and similar use – Part 2-14: Particular requirements for electric actuators. Consolidated edition incorporating amendment No. 1.</i> Amended to change the maximum rated voltage for electric actuators, to change the electromagnetic compatibility requirements with regard to emission and immunity, and to add and change constructional requirements.

Standard No. and year	Title, scope and purport
SANS 60730-2-15:2007/ IEC 60730-2-15:1997 (Ed. 1.1)	<i>Automatic electrical controls for household and similar use – Part 2-15: Particular requirements for automatic electrical water level sensing controls of the float or electrode-sensor type used in boiler applications. Consolidated edition incorporating amendment No. 1.</i> Amended to add explanatory notes to two definitions, to change requirements for heating, and to add and change explanatory notes to the constructional requirements.
SANS 60730-2-16:2007/ IEC 60730-2-16:2001 (Ed. 1.2)	<i>Automatic electrical controls for household and similar use – Part 2-16: Particular requirements for automatic electrical water level controls of the float type for household and similar applications. Consolidated edition incorporating amendment No. 2.</i> Amended to change the title of the standard, to add definitions and requirements for protective control and response delay, and requirements for electronic controls.
SANS 60730-2-17:2007/ IEC 60730-2-17:2001 (Ed. 1.1)	<i>Automatic electrical controls for household and similar use – Part 2-17: Particular requirements for electrically operated gas valves, including mechanical requirements. IEC amendment No. 2.</i> Amended to extend the scope, to update normative references, to add clause numbers to the list of national deviations in some countries, to classify valves according to sealing force, to refer to current practice in the country members of CEN/CENELEC, to change the titles of clauses 20, 23 and 26, to add requirements for construction of valves and electromagnetic compatibility, to add maximum winding temperatures for impedance protected motorized electric actuators, and to change the requirements for construction of valves, the overvoltage and undervoltage test, and the use of electronic disconnection.
SANS 60730-2-19:2007/ IEC 60730-2-19:2001 (Ed. 1.1)	<i>Automatic electrical controls for household and similar use – Part 2-19: Particular requirements for electrically operated oil valves, including mechanical requirements. IEC amendment No. 2.</i> Amended to extend the scope, to update normative references, to add clause numbers to the list of national deviations in some countries, to classify normally open valves as automatic and semi-automatic with latch, to add requirements for normally open valves and electromagnetic compatibility, to change the titles of clauses 20, 23 and 26, to add maximum winding temperatures for impedance protected motorized electric actuators, to change the requirements for normally closed valves and for safety shutoff valves, the overvoltage and undervoltage test, and the use of electronic disconnection.
SANS 60745-2-16:1993/ IEC 60745-2-16:1993	<i>Safety of hand-held motor-operated electric tools – Part 2-16: Particular requirements for tackers. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60793-1-32:2001/ IEC 60793-1-32:2001	<i>Optical fibres – Part 1-32: Measurement methods and test procedures – Coating strippability. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60793-1-33:2001/ IEC 60793-1-33:2001	<i>Optical fibres – Part 1-33: Measurement methods and test procedures – Stress corrosion susceptibility. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60793-1-40:2001/ IEC 60793-1-40:2001	<i>Optical fibres – Part 1-40: Measurement methods and test procedures – Attenuation. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60794-3:2001/ IEC 60794-3:2001	<i>Optical fibre cables – Part 3: Sectional specification – Outdoor cables. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60874-1:2007/ IEC 60874-1:2006 (SABS IEC 60874-1:1999)	<i>Connectors for optical fibres and cables – Part 1: Generic specification.</i> Applies to fibre optic connector sets and individual components (i.e. adaptors, plugs, sockets) for all types, sizes and structures of fibres and cables. Includes connector set requirements and quality assessment procedures.
SANS 60874-14-1:1997/ IEC 60874-14-1:1997	<i>Connectors for optical fibres and cables – Part 14-1: Detail specification for fibre optic connector type SC-PC standard terminated to multimode fibre type A1a, A1b. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60947-5-6:1999/ IEC 60947-5-6:1999	<i>Low-voltage switchgear and controlgear – Part 5-6: Control circuit devices and switching elements – DC interface for proximity sensors and switching amplifiers (NAMUR). National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 61029-1:1990/ IEC 61029-1:1990	<i>Safety of transportable motor-operated electric tools – Part 1: General requirements. National amendment No. 2.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 61243-1:2007/ IEC 61243-1:2003 (SABS IEC 61243-1:1993)	<i>Live working – Voltage detectors – Part 1: Capacitive type to be used for voltages exceeding 1 kV a.c.</i> Applicable to portable voltage detectors, with or without built-in power sources, to be used on electrical systems for voltages of 1 kV to 765 kV a.c., and frequencies of 50 Hz and/or 60 Hz. Applies only to capacitive voltage detectors used in contact with the part to be tested, as a complete device including its insulating element or as a separate device, adaptable to an insulating stick which, as a separate tool, is not covered by this standard. <i>IEC corrigendum No. 1.</i> Changed to replace a figure that illustrates the connection of the V-shape bars.
SANS 61290-5-1:2007/ IEC 61290-5-1:2006 (SANS 61290-5-1:2002)	<i>Optical amplifiers – Test methods – Part 5-1: Reflectance parameters – Optical spectrum analyzer method.</i> Applies to all commercially available optical amplifiers and optically amplified sub-systems. Establishes uniform requirements for accurate and reliable measurements by means of the optical spectrum analyzer test method.
SANS 61291-2:2007/ IEC 61291-2:2007 (SABS IEC 61291-2:2000)	<i>Optical amplifiers – Part 2: Digital applications – Performance specification template.</i> Provides a frame for the preparation of detail specifications on the performance of optical amplifier devices to be used in digital applications.
SANS 61386-1:1996/ IEC 61386-1:1996	<i>Conduit systems for electrical installations – Part 1: General requirements. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 61429:1995/ IEC 61429:1995	<i>Marking of secondary cells and batteries with the international recycling symbol ISO 7000-1135. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.

Standard No. and year	Title, scope and purport
SANS 61430:1997/ IEC 61430:1997	<i>Secondary cells and batteries – Test methods for checking the performance of devices designed for reducing explosion hazards – Lead-acid starter batteries. National amendment No. 1. Amended to change the designation from SABS to SANS, with no technical changes.</i>
SANS 61438:1996/ IEC 61438:1996	<i>Possible safety and health hazards in the use of alkaline secondary cells and batteries – Guide to equipment manufacturers and users. National amendment No. 1. Amended to change the designation from SABS to SANS, with no technical changes.</i>
SANS 61753-2-1:2000/ IEC 61753-2-1:2000	<i>Fibre optic interconnecting devices and passive components performance standard – Part 2-1: Fibre optic connectors terminated on single-mode fibre for category U – Uncontrolled environment. National amendment No. 1. Amended to change the designation from SABS to SANS, with no technical changes.</i>
SANS 61982-3:2001/ IEC 61982-3:2001	<i>Secondary batteries for the propulsion of electric road vehicles – Part 3: Performance and life testing (traffic compatible, urban use vehicles). National amendment No. 1. Amended to change the designation from SABS to SANS, with no technical changes.</i>
SANS 62040-2:2007/ IEC 62040-2:2005 (SABS IEC 62040-2:1999)	<i>Uninterruptible power systems (UPS) – Part 2: Electromagnetic compatibility (EMC) requirements. Applies to UPS units intended to be installed as a unit or in UPS systems comprising a number of interconnected UPS and associated control/switchgear forming a single power system, and in any operator accessible area or in separated electrical locations, connected to low-voltage supply networks for either industrial or residential, commercial and light industrial environments.</i>
SANS 62271-100:2007/ IEC 62271-100:2006 (Ed. 1.2)	<i>High-voltage switchgear and controlgear – Part 100: High-voltage alternating-current circuit-breakers. Consolidated edition incorporating amendment No. 2. Amended to add new definitions, annexes L and M and references to the bibliography, to change the requirements for short-line faults, for transient recovery voltage (TRV), the information on the nameplate and the information to be given with tenders, to replace figures 13,14 and 49 with new figures, and to replace table A.1 with a new table.</i>

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 157:2000	<i>Electric toasters.</i>
SANS 167:1975	<i>Resistance to laboratory artificial weathering of paint films.</i>
SANS 533-1:1982	<i>Black polyethylene pipes for the conveyance of liquids – Part 1: Low density black polyethylene pressure pipes.</i>
SANS 723:1973	<i>Wash primer (metal etch primer).</i>
SANS 801:1973	<i>Epoxy-tar paints.</i>
SANS 926:1968	<i>Two pack zinc-rich epoxy primer.</i>
SANS 1503:1989	<i>Fare collection equipment for public transport bus systems.</i>
SANS 1574:2004	<i>Electric cables – Flexible cords and flexible cables.</i>
SANS 1666:1996	<i>Air brake system components.</i>
SANS 5149:1975	<i>Paints and varnishes – Determination of resistance to skinning.</i>
SANS 5157:1975	<i>Resistance to humidity of paint films.</i>
SANS 5166:1978	<i>Absorption value of paints.</i>
SANS 5504:1980	<i>Tensile strength and elongation at break of rubber and plastics electric cable materials.</i>
SANS 10135-1:1977	<i>The sampling of coal and preparation of a sample for analysis – Part 1: The sampling of coal.</i>
SANS 10135-2:2002	<i>The sampling of coal and preparation of a sample for analysis – Part 2: Preparation of a sample for analysis.</i>
SANS 10332:1998	<i>Homologation of tyres.</i>
SANS 12092:2000	<i>Fittings, valves and other piping system components made of unplasticized poly(vinyl chloride) (PVC-U), chlorinated poly(vinyl chloride) (PVC-C), acrylonitrile-butadiene-styrene (ABS) and acrylonitrile-styrene-acrylate (ASA) for pipes under pressure – Resistance to internal pressure – Test method.</i>
SANS 60874-10-3:1997	<i>Connectors for optical fibres and cables – Part 10-3: Detail specification for fibre optic adaptor type BFOC/2,5 for single and multimode fibre.</i>
SANS 60874-16:1994	<i>Connectors for optical fibres and cables – Part 16: Sectional specification for fibre optic connector – Type MT.</i>

SANS 61202-1:2000	<i>Fibre optic isolators – Part 1: Generic specification.</i>
SANS 61274-1:1994	<i>Fibre optic adaptors – Part 1: Generic specification.</i>
SANS 61274-1-1:2007	<i>Adaptors for fibre optic connectors – Part 1-1: Blank detail specification</i>
SANS 61757-1:1998	<i>Fibre optic sensors – Part 1: Generic specification.</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.
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