

DEPARTMENT OF TRADE AND INDUSTRY
DEPARTEMENT VAN HANDEL EN NYWERHEID

No. 337

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STANDARDS ACT, 2008
STANDARDS MATTERS

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

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

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

SCHEDULE 1: ISSUE OF NEW STANDARDS

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

Standard No. and year	Title, scope and purport
SANS 956-3:2015/ ISO 20022-3:2013	<i>Financial services – Universal financial industry message scheme – Part 3: Modelling.</i> Describes a modelling workflow, which includes the required steps a modeller follows in order to develop and maintain standardized BusinessTransactions and MessageSets. Is not intended to describe the permissible artefacts or documents (or both) to be submitted to the registration authority.
SANS 956-4:2015/ ISO 20022-4:2013	<i>Financial services – Universal financial industry message scheme – Part 4: XML Schema generation.</i> Complements the ISO 20022 metamodel, as specified in ISO 20022-1 (published in South Africa as an identical adoption under the designation SANS 956-1), with the XML syntax transformation rules to be applied by the ISO 20022 registration authority in order to translate an ISO 20022 compliant MessageDefinition into an XML schema for the description and validation of XML messages. Specifies the transformation rules from level 3 to level 4.
SANS 1466-2:2015 (Ed. 1)	<i>Information technology – Process benchmarking framework – Part 2: Generic process model.</i> Defines a generic process model comprising a set of processes, described in terms of process purpose, outcomes and associated input/output information items.
SANS 1515-3-1:2015 (Ed. 1)	<i>Gas measuring equipment primarily for use in mines – Part 3-1: Battery-operated, portable, toxic gas measuring instruments and warning devices.</i> Covers requirements for the design, construction, safety and performance of hand-held and portable battery-powered instruments or devices for the routine detection and measurement of toxic gases in air by electrical and electronic means and that are intended primarily for use in mines.
SANS 1515-3-2:2015 (Ed. 1)	<i>Gas measuring equipment primarily for use in mines – Part 3-2: Fixed, transportable, and vehicle-mounted toxic gas measuring and warning sensor heads, instruments and devices.</i> Covers requirements for the design, construction, safety and performance of hand-held and portable battery-powered instruments or devices for the routine detection and measurement of toxic gases in air by electrical and electronic means and that are intended primarily for use in mines.
SANS 1515-4-1:2015 (Ed. 1)	<i>Gas measuring equipment primarily for use in mines – Part 4-1: Battery-operated portable, oxygen-deficient/oxygen-enriched measuring instruments and warning devices.</i> Covers requirements for the design, construction, safety and performance of hand-held and portable battery-powered instruments/devices for the routine detection and measurement of oxygen-deficient /oxygen-enriched atmospheres in air by electrical and electronic means and that are intended primarily for use in mines.
SANS 1515-4:2015 (Ed. 1)	<i>Gas measuring equipment primarily for use in mines – Part 4: Gas performance requirements for oxygen-deficient/oxygen-enriched measuring instruments or devices and warning devices.</i> Provides minimum requirements for the performance and testing of portable, transportable, mobile and stationary electrical apparatus whose purpose is for the detection, measurement and notification of oxygen deficient or oxygen enriched atmospheres (or both) used to enhance the safety of personnel in commercial and industrial locations.
SANS 1606:2015 (Ed. 1)	<i>Accreditation of distributors of agricultural remedies for agricultural use.</i> Covers the elements of the system for the accreditation of distributors of agricultural remedies for agricultural use.
SANS 1662:2015 (Ed. 1)	<i>Self-ballasted LED tubular lamps for general lighting services > 50 V – Safety requirements.</i> Covers safety and interchangeability requirements for LED tubular lamps for general lighting with integrated means for stable operation (self-ballasted LED tubular lamps), intended for domestic, commercial and similar general lighting purposes.
SANS 1691:2015/ EN 62552:2013	<i>Household refrigerating appliances – Characteristics and test methods.</i> Specifies the essential characteristics of household refrigerating appliances, factory-assembled and cooled by internal natural convection or forced air circulation, and establishes test methods for checking the characteristics. These are type tests, and because of this, when verification of the performance of a refrigerating appliance of a given type in relation to this standard is necessary, it is preferable, wherever practicable, that all the tests specified be applied to a single unit. The tests can also be made individually for the study of a particular characteristic.
SATR 1727:2015/ ISO/IEC TR 20004:2012	<i>Information technology – Security techniques – Refining software vulnerability analysis under ISO/IEC 15408 and ISO/IEC 18045.</i> Refines the AVA_VAN assurance family activities defined in ISO/IEC 18045 (published in South Africa as an identical adoption under the designation SANS 18045) and provides more specific guidance on the identification, selection and assessment of relevant potential vulnerabilities in order to conduct an ISO/IEC 15408 (published in South Africa as an identical adoption under the designation SANS 15408) evaluation of a software target of evaluation.

Standard No. and year	Title, scope and purport
SANS 13162:2015/ EN 13162:2012	<i>Thermal insulation products for buildings – Factory made mineral wool (MW) products – Specification.</i> Specifies the requirements for factory made mineral wool products, with or without facings or coatings, which are used for the thermal insulation of buildings.
SANS 13170:2015/ EN 13170:2012	<i>Thermal insulation products for buildings – Factory made products of expanded cork (ICB) – Specification.</i> Specifies the requirements for factory made products of expanded cork, which are used for the thermal insulation of buildings. Describes product characteristics and includes procedures for testing, evaluation of conformity, marking and labelling. Does not specify the required level of a given property to be achieved by a product to demonstrate fitness for purpose in a particular application.
SANS 13171:2015/ EN 13171:2012	<i>Thermal insulation products for buildings – Factory made wood fibre (WF) products – Specification.</i> Specifies the requirements for factory made wood fibre (WF) products, with or without facings or coatings, which are used for the thermal insulation of buildings. Does not cover in-situ insulation products and products intended to be used for the insulation of building equipment and industrial installations.
SANS 18091:2015/ ISO 1809:2014	<i>Quality management systems – Guidelines for the application of ISO 9001:2008 in local government.</i> Gives guidelines to help local government organizations relate the concepts of quality management, as described in ISO 9000, ISO 9001, ISO 9004 (published in South Africa as identical adoptions under the designations SANS 9000, SANS 9001 and SANS 9004) and associated standards.
SANS 18601:2015/ ISO 18601:2013	<i>Packaging and the environment – General requirements for the use of ISO standards in the field of packaging and the environment.</i> Specifies requirements and procedures for other international standards in this series on packaging and the environment.
SATR 27015:2015/ ISO/IEC TR 27015:2012	<i>Information technology – Security techniques – Information security management guidelines for financial services.</i> Provides information security guidance complementing and in addition to information security controls defined in ISO/IEC 27002 (published in South Africa as an identical adoption under the designation SANS 27002) for initiating, implementing, maintaining, and improving information security within organizations that provide financial services.
SANS 3001-GR35:2015	<i>Civil engineering test methods – Part GR35: Determination of in-place dry density (sand replacement).</i> Applies to gravels, sands and soils (silts and clays) and describes a method to determine the in-place dry density.
SATR 29944:2015/ ISO/TR 29944:2010	<i>Powered industrial trucks and tractors – Brake performance – Determination of measurement procedures.</i> Describes the selection and calculation of the stopping distance and braking force used in the application of ISO 6292 (published in South Africa as an identical adoption under the designation SANS 6292), and does not cover test procedures, control forces or component strengths.
SANS 55000:2015/ ISO 55000:2014	<i>Asset management – Overview, principles and terminology.</i> Provides an overview of asset management, its principles and terminology, and the expected benefits from adopting asset management systems.
SANS 55001:2015/ ISO 55001:2014	<i>Asset management – Management systems – Requirements.</i> Specifies requirements for an asset management system within the context of the organization.
SANS 55002:2015/ ISO 55002:2014	<i>Asset management – Management systems – Guidelines for the application of ISO 55001.</i> Provides guidance for the application of an asset management system, in accordance with the requirements of ISO 55001 (published in South Africa as an identical adoption under the designation SANS 55001).
SANS 62040-4:2015/ IEC 62040-4:2013	<i>Uninterruptible power systems (UPS) – Part 4: Environmental aspects – Requirements and reporting.</i> Specifies the process and requirements to declare the environmental aspects concerning uninterruptible power systems (UPS), with the goal of promoting reduction of any adverse environmental impact during a complete UPS life cycle. Applies to movable, stationary and fixed UPS that deliver single or three-phase fixed frequency a.c. output voltage not exceeding 1 000 V a.c. and that present, generally through a d.c. link, an energy storage system and specified in IEC 62040 product standards for UPS.
SANS 62053-31:2015/ IEC 62053-31:1998	<i>Electricity metering equipment (a.c.) – Particular requirements – Part 31: Pulse output devices for electromechanical and electronic meters (two wires only).</i> Applies to passive, two-wire, externally powered pulse output devices to be used in electricity meters and static VA-hour meters.
SANS 62282-3-300:2015/ IEC 62282-3-300:2012	<i>Fuel cell technologies – Part 3-300: Stationary fuel cell power systems – Installation.</i> Provides minimum safety requirements for the installation of indoor and outdoor stationary fuel cell power systems, and applies to the installation of systems intended for electrical connection to mains directly or with a readily accessible, manually operable switch or circuit-breaker, intended for a stand-alone power distribution system, intended to provide AC or DC power, with or without the ability to recover useful heat.
SANS 101953-2-1:2015/ ETSI/TR 101953-2-1:2003	<i>Access network xDSL transmission filters – Part 2: VDSL splitters for European deployment – Specification of testing methods for low pass part of VDSL/POTS splitters.</i> Describes test methods for the low pass section of VDSL/POTS splitters. Is intended to be installed at the local exchange side of the local loop and at the user side near the NTP.
SANS 103388:2015/ ETSI TR 103388:2008	<i>Transmission and Multiplexing (TM); Access transmission systems on metallic access cables; Asymmetric Digital Subscriber Line (ADSL2) – European specific requirements.</i> Endorses ITU-T Recommendation G.992.3 [1] and amendments 1 [2], 2 [3] and 3 [4], the contents of which apply together with the addition of the modifications being covered.

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 246:2015/ BS 6266:2011 (Ed. 2)	<i>Fire protection for electronic equipment installations – Code of practice.</i> Gives recommendations for the protection against fire of electronic equipment installations, including the equipment (for example computers, servers and systems for communications, design, manufacturing and distribution), and the areas that contain such equipment (for example computer rooms, internet hosting centres, switching centres and data centres).
SANS 368:2015 (Ed. 1.2)	<i>Aloe raw material. Consolidated edition incorporating amendment No. 2.</i> Amended to add the definitions of "cultivation", "organic agriculture", "organic farming", "sustainable", "wild crafting" and "wild growing", to renumber the definitions and to change cross references accordingly, and to move reference to legislation to the foreword.
SANS 376:2015/ ASTM D 2972:2008 (Ed. 2)	<i>Standard test methods for arsenic in water.</i> Specifies test methods that cover the photometric and atomic absorption determination of arsenic in most waters and wastewaters.
SANS 472:2015/ EN 300:2006 (Ed. 2)	<i>Oriented Strand Boards (OSB) – Definitions, classification and specifications.</i> Gives definitions, classification and requirements for oriented strand boards.
SANS 534-1:2015 (Ed. 3)	<i>Vehicle security – Whole-of-vehicle marking – Part 1: Microdot systems.</i> Describes the characteristics and methods of application of unique identification carriers, called microdots, to vehicles and also the processes required to ensure the integrity, authenticity and confidentiality of the entire microdot production, supply, storage, and application systems.
SANS 936:2015 (Ed. 1.3)	<i>Spheroidal graphite iron castings. Consolidated edition incorporating amendment No. 3.</i> Amended to update a referenced standard.
SANS 956-1:2015/ ISO 20022-1:2013 (Ed. 2)	<i>Financial services – Universal financial industry message scheme – Part 1: Metamodel.</i> Gives an overall description of the modelling approach, the overall description of the ISO 20022 (published in South Africa as identical adoptions under the designation SANS 956) repository contents, a high-level description of the input to be accepted by the registration authority to feed/modify the repository's data dictionary and business process catalogue, and a high-level description of the repository output to be made publicly available by the registration authority.
SANS 956-2:2015/ ISO 20022-2:2013 (Ed. 2)	<i>Financial services – Universal financial industry message scheme – Part 2: UML profile.</i> Defines the UML profile and how to use it.
SANS 1178:2015 (Ed. 2.1)	<i>The production of coated steel pipes using fibre reinforced bituminous materials. Consolidated edition incorporating amendment No. 1.</i> Amended to update the normative references and the bibliography.
SANS 1385:2015 (Ed. 1.5)	<i>Kitchen cupboards: Built-in and free-standing. Consolidated edition incorporating amendment No. 5.</i> Amended to modify the requirements solid timber used as casings in determination of clear grade timber and laminated timber, and to update referenced standards.
SANS 1389:2015 (Ed. 1.3)	<i>Tables. Consolidated edition incorporating amendment No. 3.</i> Amended to modify the requirements for timber and wood derivatives, and to update referenced standards.
SANS 1459:2015 (Ed. 2)	<i>Traffic lights.</i> Gives requirements for electrically operated signal lights for the warning and regulation of vehicular road traffic and pedestrian traffic. Covers two classes of vehicular traffic lights, depending on their photometric performance, i.e. normal intensity and high intensity.
SANS 1460:2015 (Ed. 1.5)	<i>Laminated timber (glulam). Consolidated edition incorporating amendment No. 5.</i> Amended to distinguish between the structural and non-structural exposure classes of wood adhesives, to update referenced standards, to renumber some of the tables and to define the relevant durability requirements.
SANS 1507-5:2015 (Ed. 1.4)	<i>Electric cables with extruded solid dielectric insulation for fixed installations (300/500 V to 1 900/3 300 V) – Part 5: Halogen-free distribution cables. Consolidated edition incorporating amendment No. 4.</i> Amended to update referenced standards, and to include the publication dates of standards where reference has been made to specific items in those standards.
SANS 1586:2015 (Ed. 1.4)	<i>Emulsion paints. Consolidated edition incorporating amendment No. 4.</i> Amended to change the requirement for the freeze-thaw period, and to correct the numbering in the clause on packing and marking.
SANS 1593:2015 (Ed. 1.1)	<i>Disinfectants based on glutaraldehyde for use on medical instruments. Consolidated edition incorporating amendment No. 1.</i> Amended to move reference to national legislation to the foreword, to update referenced standards, to update the definition of "acceptable", to change the clauses on requirements, packaging and marking, inspection and methods of test, to delete reference to the South African Bureau of Standards in the text, and to amend the annex on the verification of the quality of disinfectants based on glutaraldehyde for use on medical instruments.
SANS 1763:2015 (Ed. 1.2)	<i>Decorative melamine-faced boards. Consolidated edition incorporating amendment No. 2.</i> Amended to update the bibliography.
SANS 1841:2015 (Ed. 2.1)	<i>Control of the quantity of contents in prepacked packages within the prescriptions of legal metrology legislation. Consolidated edition incorporating amendment No. 1.</i> Amended to move reference to South African legislation and accreditation bodies to the foreword.

Standard No. and year	Title, scope and purport
SANS 1887-1:2015 (Ed. 1.2)	<i>Tissue paper – Part 1: General requirements. Consolidated edition incorporating amendment No. 2.</i> Amended to delete the requirements and test for softness.
SANS 1887-2:2015 (Ed. 1.3)	<i>Tissue paper – Part 2: Toilet paper. Consolidated edition incorporating amendment No. 3.</i> Amended to delete the test for softness.
SANS 1887-4:2015 (Ed. 1.1)	<i>Tissue paper – Part 4: Paper towels. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, to update the clause on marking, and to delete the tests for tensile strength, wet, for softness and for brightness.
SANS 1887-5:2015 (Ed. 1.1)	<i>Tissue paper – Part 5: Disposable wiping paper (in rolls). Consolidated edition incorporating amendment No. 1.</i> Amended to change the clause on inspection of rolls, and to delete the test method for brightness.
SANS 1887-6:2015 (Ed. 1.1)	<i>Tissue paper – Part 6: Paper dressing (medical) towels. Consolidated edition incorporating amendment No. 1.</i> Amended to delete the test method for softness.
SANS 1887-7:2015 (Ed. 1.2)	<i>Tissue paper – Part 7: Paper serviettes. Consolidated edition incorporating amendment No. 2.</i> Amended to delete the test for softness.
SANS 1887-8:2015 (Ed. 1.1)	<i>Tissue paper – Part 8: Paper-towel rolls for centre-feed dispensing devices. Consolidated edition incorporating amendment No. 1.</i> Amended to update the normative references, to change the clause on inspection of rolls, and to delete the test methods for tensile properties, wet, and for softness.
SANS 2106:2015/ ISO 2106:2011 (Ed. 2)	<i>Anodizing of aluminium and its alloys – Determination of mass per unit area (surface density) of anodic oxidation coatings – Gravimetric method.</i> Specifies a gravimetric method for determining the mass per unit area (surface density) of anodic oxidation coatings on aluminium and its alloys.
SANS 2143:2015/ ISO 2143:2010 (Ed. 2)	<i>Anodizing of aluminium and its alloys – Estimation of loss of absorptive power of anodic oxidation coatings after sealing – Dye-spot test with prior acid treatment.</i> Specifies a method of estimating the loss of absorptive power of anodic oxidation coatings that have undergone a sealing treatment, by dye absorption after acid pretreatment.
SANS 2220-2-4:2015 (Ed. 1.2)	<i>Electrical security systems – Part 2-4: Access control systems – Reader controllers. Consolidated edition incorporating amendment No. 2.</i> Amended to update the normative references clause, and to update a referenced standard.
SANS 3001-AG4:2015 (Ed. 1.2)	<i>Civil engineering test methods – Part AG4: Determination of the flakiness index of coarse aggregate. Consolidated edition incorporating amendment No. 2.</i> Amended to correct the table on slot dimension, size and mass of fractions, and to correct the formula for the flakiness index sample.
SANS 3001-AS1:2015 (Ed. 1.1)	<i>Civil engineering test methods – Part AS1: Making of asphalt briquettes for Marshall tests and other specialized tests. Consolidated edition incorporating amendment No. 1.</i> Amended to modify the procedure and calculations.
SANS 3001-BT21:2015 (Ed. 1.1)	<i>Civil engineering test methods – Part BT21: Validation of a binder distributor dipstick. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 3001-BT23:2015 (Ed. 1.1)	<i>Civil engineering test methods – Part BT23: Pump system performance of a binder distributor. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 3001-BT24:2015 (Ed. 1.1)	<i>Civil engineering test methods – Part BT24: Measurement of transverse distribution ('Bucket test') for a binder distributor. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 3001-GR31:2015 (Ed. 1.2)	<i>Civil engineering test methods – Part GR31: Determination of the maximum dry density and optimum moisture content of laboratory mixed cementitiously stabilized materials. Consolidated edition incorporating amendment No. 2.</i> Amended to modify the subclause on machine compaction procedure.
SANS 3001-GR51:2015 (Ed. 1.2)	<i>Civil engineering test methods – Part GR51: Sampling, preparation, compaction and curing of field mixed freshly cementitiously stabilized materials including the determination of the maximum dry density and optimum moisture content. Consolidated edition incorporating amendment No. 2.</i> Amended to change the aperture size of sieves in the apparatus clause.
SANS 4998:2015/ ISO 4998:2014 (Ed. 3)	<i>Continuous hot-dip zinc-coated and zinc-iron alloy-coated carbon steel sheet of structural quality.</i> Specifies continuous hot-dip zinc-coated and zinc-iron alloy-coated carbon steel sheet of structural quality.
SANS 10263-2:2015 (Ed. 1.1)	<i>The warehousing of dangerous goods – Part 2: The storage and handling of gas cylinders. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 10400-K:2015 (Ed. 3.1)	<i>The application of the National Building Regulations – Part K: Walls. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, to delete the definition for "adequate", to replace the terms "adequate" and "adequately" with the terms "suitable" and "suitably", respectively, to change the requirements in the subclause on roof fixing (4.2.11), to add a note to the figures on roof truss anchor details (hollow units) and roof truss anchor details (solid units) (figures 34 and 35), to change the requirements in the subclause on timber-framed walls (4.3), and to delete the annex on National Building Regulations – Part K: Walls (annex A) and any references to this annex.

Standard No. and year	Title, scope and purport
SANS 27001:2015/ ISO/IEC 27001:2013 (Ed. 2)	<i>Information technology – Security techniques – Information security management systems – Requirements.</i> Specifies the requirements for establishing, implementing, operating, monitoring, reviewing, maintaining and improving a documented information security management system (ISMS) within the context of the organization's overall business risks. Covers all types of organizations (e.g. commercial enterprises, government agencies, non-profit organizations) and specifies requirements for the implementation of security controls customized to the needs of individual organizations or parts thereof.
SANS 50312:2015/ EN 312:2010 (Ed. 2)	<i>Particleboards – Specifications.</i> Specifies the requirements for flat-pressed or calendar-pressed unfaced particleboards. Does not apply to extruded particleboards.
SANS 52004:2012/ EN 12004:2007 (Ed. 1)	<i>Adhesives for tiles – Requirements, evaluation of conformity, classification and designation.</i> Applies to ceramic tile cementitious adhesives, dispersion adhesives and reaction resin adhesives for internal and external tile installations on walls and floors. Gives the terminology concerning the products, working methods, application properties for ceramic tile adhesives. Specifies the values of performance requirements for ceramic tile adhesives (cementitious, dispersion and reaction resin adhesives).
SANS 60079-1:2015/ IEC 60079-1:2014 (Ed. 5)	<i>Explosive atmospheres – Part 1: Equipment protection by flameproof enclosures "d".</i> Contains specific requirements for the construction and testing of electrical equipment with the type of protection flameproof enclosure "d", intended for use in explosive gas atmospheres.
SANS 60079-2:2015/ IEC 60079-2:2014 (Ed. 4)	<i>Explosive atmospheres – Part 2: Equipment protection by pressurized enclosure "p".</i> Contains the specific requirements for the construction and testing of electrical equipment with pressurized enclosures, of type "p", intended for use in explosive gas atmospheres or explosive dust atmospheres. Also includes the requirements for pressurized enclosures containing a limited release of a flammable substance.
SANS 60252-1:2015/ IEC 60252-1:2013 (Ed. 2.1)	<i>AC motor capacitors – Part 1: General – Performance, testing and rating – Safety requirements – Guidance for installation and operation. Consolidated edition incorporating amendment No. 1.</i> Amended to change the normative references, definitions, marking quality requirements and tests.
SANS 60252-2:2015/ IEC 60252-2:2013 (Ed. 2.1)	<i>AC motor capacitors – Part 2: Motor start capacitors. Consolidated edition incorporating amendment No. 1.</i> Amended to change the normative references and definitions, and to change the requirements for marking and self-healing motor start capacitors.
SANS 60335-2-35:2015/ IEC 60335-2-35:2012 (Ed. 4)	<i>Household and similar electrical appliances – Safety – Part 2-35: Particular requirements for instantaneous water heaters.</i> Deals with the safety of electric instantaneous water heaters for household and similar purposes and intended for heating water below boiling temperature, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.
SANS 60335-2-40:2015/ IEC 60335-2-40:2013 (Ed. 4)	<i>Household and similar electrical appliances – Safety – Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers.</i> Deals with the safety of electric heat pumps, including sanitary hot water heat pumps, air-conditioners, and dehumidifiers incorporating motor-compressors and hydronic room fan coils, their maximum rated voltages being not more than 250 V for single phase appliances and 600 V for all other appliances.
SANS 60335-2-41:2015/ IEC 60335-2-41:2012 (Ed. 4)	<i>Household and similar electrical appliances – Safety – Part 2-41: Particular requirements for pumps.</i> Deals with the safety of electric pumps for liquids having a temperature not exceeding 90 °C, intended for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.
SANS 60335-2-72:2015/ IEC 60335-2-72:2012 (Ed. 3)	<i>Household and similar electrical appliances – Safety – Part 2-72: Particular requirements for floor treatment machines with or without traction drive, for commercial use.</i> Deals with the safety of powered ride-on and powered walk-behind machines intended for commercial indoor or outdoor use for the following applications: sweeping, scrubbing, wet or dry pick-up, polishing, application of wax, sealing products and powder based detergents, and shampooing of floors with an artificial surface. Applies to machines for commercial use.
SANS 60601-2-33:2015/ IEC 60601-2-33:2013 (Ed. 1.1)	<i>Medical electrical equipment – Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis. Consolidated edition incorporating amendment No. 1.</i> Amended to add information to the introduction, to update the scope, object and referenced standards, terms and definitions, a note to the general requirements, general requirements for testing of ME equipment, ME equipment identification, marking and documents, protection against electrical hazards of ME equipment, protection against mechanical hazards of ME equipment and ME systems, accuracy of controls and instruments and protection against hazardous outputs, and the annex on particular guidance and rationale.
SANS 300296-2:2015/ ETSI EN 300296-2:2013 (Ed. 2)	<i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Radio equipment using integral antennas intended primarily for analogue speech – Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive.</i> Applies to equipment with integral antennas, used in angle modulation systems in the land mobile service, operating on radio frequencies between 30 MHz and 1 000 MHz, with channel separations of 12,5 kHz, 20 kHz and 25 kHz and is intended primarily for analogue speech. Covers minimum characteristics considered necessary in order to avoid harmful interference.
SANS 301091-2:2015/ ETSI EN 301091-2:2006 (Ed. 2)	<i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices; Road Transport and Traffic Telematics (RTTT); Radar equipment operating in the 76 GHz to 77 GHz range – Part 2: Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive.</i> Applies to road transport traffic and telematics (RTTT) systems with an integral antenna, to mobile applications and to equipment operating in the frequency range from 76 GHz to 76 GHz.

Standard No. and year	Title, scope and purport
SANS 301357-1:2015 ETSI EN 301357-1:2008 (Ed. 2)	<i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Cordless audio devices in the range 25 MHz to 2 000 MHz – Part 1: Technical characteristics and test methods.</i> Covers the minimum characteristics for cordless audio devices considered necessary in order to make the best use of the available frequencies. Is intended to specify the minimum performance and the methods of measurement of cordless audio equipment in the range 25 MHz to 2 000 MHz.
SANS 301908-1:2015/ ETSI EN 301908-1:2013 (Ed. 2)	<i>IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 1: Introduction and common requirements.</i> Applies to user equipment, repeaters and base stations for IMT, falling within the scope of one of the other parts of EN 301908 (published in South Africa as identical adoptions under the designation SANS 301908), except for IMT-2000 FDMA/TDMA (DECT). Also covers the corresponding ancillary equipment.
SANS 301908-2:2015 ETSI EN 301908-2:2013 (Ed. 2)	<i>IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 2: CDMA Direct Spread (UTRA FDD) User Equipment (UE).</i> Applies to user equipment for IMT-2000 CDMA Direct Spread (UTRA FDD).
SANS 301908-3:2015/ ETSI EN 301908-3:2014 (Ed. 2)	<i>IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 3: CDMA Direct Spread (UTRA FDD) Base Stations (BS).</i> Applies to stations for IMT 2000 CDMA Direct Spread (UTRA FDD).
SANS 301908-4:2015/ ETSI EN 301908-4:2013 (Ed. 2)	<i>IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 4: CDMA Multi-Carrier (cdma2000) User Equipment (UE).</i> Applies to user equipment (also denoted as mobile stations or access terminals) for IMT-2000 CDMA multi-carrier (cdma2000).
SANS 301908-5:2015/ ETSI EN 301908-5:2011 (Ed. 2)	<i>IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 5: CDMA Multi-Carrier (cdma2000) Base Stations (BS).</i> Applies to the following radio equipment types: base stations for IMT-2000 CDMA multi-carrier (cdma2000) and evolved CDMA multi-carrier ultra mobile broadband (UMB).
SANS 301908-6:2015/ ETSI EN 301908-6:2011 (Ed. 2)	<i>IMT cellular networks; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive – Part 6: CDMA TDD (UTRA TDD) User Equipment (UE).</i> Applies to user equipment for IMT-2000 CDMA TDD (ULTRA TDD).

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 728-8:2009/ AS 1603.8:1996	<i>Automatic fire detection and alarm systems – Part 8: Multi-point aspirated smoke detectors.</i>
SANS 4523:1985/ ISO 4523:1985	<i>Metallic coatings – Electrodeposited gold and gold alloy coatings for engineering purposes.</i>
SANS 60614-2-5:1992/ IEC 60614-2-5:1992	<i>Specification for conduits for electrical installations – Part 2: Particular specifications for conduits – Section 5: Flexible conduits.</i>
SANS 62271-303:2009/ IEC/TR 62271-303:2008	<i>High-voltage switchgear and controlgear – Part 303: Use and handling of sulphur hexafluoride (SF₆).</i>
SATS 62504:2013/ IEC/TS 62504:2011	<i>General lighting – LEDs and LEC modules – Terms and definitions.</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.