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**DEPARTMENT OF TRADE AND INDUSTRY**  
**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 69:2004	<i>Framework for setting and implementing national ambient air quality standards. Defines the basic principles of a strategy for ambient air quality in South Africa, to avoid, prevent or reduce harmful effects on human health and the environment as a whole, taking into account technical, economic, social, political and strategic considerations.</i>
SANS 313:2004/ ISO 6222:1999	<i>Water quality – Enumeration of culturable micro-organisms – colony count by inoculation in a nutrient agar culture medium. Specifies a method for the enumeration of culturable micro-organisms in water by counting the colonies formed in a nutrient agar culture medium after aerobic incubation at 36 °C and 22 °C. The method is intended to measure the operational efficiency of the treatment process of public drinking water supplies and for general application to all types of water. It is particularly applicable to the examination of water intended for human consumption, including water in closed containers and to natural mineral waters.</i>
SANS 556-1:2004	<i>Low-voltage switchgear – Part 1: Circuit-breakers. Covers circuit-breaks of any design and current rating of the main contacts of which are intended to be connected to circuits with rated voltages not exceeding 1 000 V a.c. or 1 500 V d.c. Does not cover circuit-breaks that incorporate residual current protection, or circuit-breakers for equipment.</i>
SANS 1921-5:2004	<i>Construction and management requirements for works contracts – Part 5: Earthwork activities which are to be performed by hand. Identifies earthworks activities and sub-activities which are performed by hand.</i>
SANS 1929:2004	<i>Ambient air quality – Limits for common pollutants. This standard gives the limit values for common air pollutants, to ensure that the negative effects of such pollutants on human health is prevented or reduced.</i>
SANS 6340:2004/ ISO 6340:1995	<i>Water quality – Detection of Salmonella species. Specifies a method for the detection of Salmonella species in water samples for monitoring purposes. The method can be applied to all kinds of water, except raw sewage.</i>
SANS 7899-1:2004/ ISO 7899-1:1998	<i>Water quality – Detection and enumeration of intestinal enterococci – Part 1: Miniaturized method (Most Probable Number) for surface and waste water. Specifies a miniaturized method for the detection and enumeration of major intestinal enterococci in surface and waste water by inoculation in a liquid medium. The method is applicable to all types of surface and waste waters, particularly those rich in suspended matter.</i>
SANS 7899-22 W ISO 7899-22000	<i>Water quality – Detection and enumeration of intestinal enterococci – Part 2: Membrane filtration method. Specifies a method for the detection and enumeration of intestinal enterococci in water by membrane filtration. It is intended for examination of drinking water, water from swimming pools and other disinfected or clean waters. It is particularly suitable for the examination of large volumes of water containing only a few intestinal enterococci.</i>
SANS 8199:2004/ ISO 8199:1988	<i>Water quality – General guide to the enumeration of micro-organisms by culture. Presents guidance for carrying out manipulations which are common to each technique for the microbiological examination of water, particularly the preparation of samples, culture media and apparatus. It also describes the various enumeration methods available and the criteria for the choice of a particular technique.</i>
SANS 9308-1:2004/ ISO 9308-1:2000	<i>Water quality – Detection and enumeration of Escherichia coli and coliform bacteria – Part 1: Membrane filtration method. Describes a reference method (standard test) for the detection and enumeration of Escherichia coli and coliform bacteria in water for human consumption. The standard test is based on membrane filtration, subsequent culture on a differential agar medium and calculation of the number of target organisms in the sample.</i>
SANS 9308-2:2004/ ISO 9308-2:1990	<i>Water quality – Detection and enumeration of coliform organisms, thermotolerant coliform organisms and presumptive Escherichia coli – Part 2: Multiple tube (most probable number) method. Specifies a method for the detection and enumeration in water of coliform organisms, thermotolerant coliform organisms and presumptive Escherichia coli (presumptive E. coli) by culture in a liquid medium in multiple tubes and calculation of their most probable numbers in the sample.</i>

Standard No. and year	Title, scope and purport
SANS 9308-3:2004/ ISO 9308-3:1998	<i>Water quality – Detection and enumeration of Escherichia coli and coliform bacteria – Part 3: Miniaturized method (Most Probable Number) for the detection and enumeration of E. coli in surface and waste water.</i> Specifies a <b>miniaturized</b> method for the detection and enumeration of <i>Escherichia coli</i> ( <i>E. coli</i> ) in surface and waste water by <b>inoculation</b> in a liquid medium. The method is applicable to <b>all</b> types of surface and waste waters, particularly those rich in <b>suspended matter</b> .
SANS 10407:2004	<i>Thatched roof construction.</i> Specifies the <b>requirements</b> and methods of <b>construction</b> for thatched <b>roofs</b> of span not exceeding 6 m and supported by structural <b>W&amp;S</b> . It also provides <b>information</b> on <b>grasses</b> commonly used for thatching in <b>Southern Africa</b> , with their <b>geographical locations</b> .
SANS 10536-2:2004/ ISO/IEC 10536-2:1995	<i>Identification cards – Contactless integrated circuit(s) cards – Part 2: Dimensions and location of coupling areas.</i> Specifies the dimensions, location, <b>nature</b> and assignment of each of the <b>coupling areas</b> to be provided for interfacing slot or surface card coupling devices with <b>contactless integrated circuit(s) cards of the card type ID-1</b> .
SANS 10536-3:2004/ ISO/IEC 10536-3:1996	<i>Identification cards – Contactless integrated circuit(s) cards – Part 3: Electronic signals and reset procedures.</i> <b>Specifies</b> the <b>nature and characteristics of the fields to be provided for power and bidirectional communications between card coupling devices and contactless integrated circuit(s) cards of the card type ID-1 in slot or surface operation</b> .
SANS 15189:2004/ ISO 15189:2003	<i>Medical laboratories – Particular requirements for quality and competence.</i> Specifies requirements for quality and competence <b>particular</b> to medical laboratories.
SANS 15238:2004/ ISO 15238:2003	<i>Solid mineral fuels – Determination of total cadmium content of coal.</i> Specifies a procedure for the <b>determination</b> of the <b>total cadmium content of coal</b> . This procedure has not been validated with coals that spontaneously ignite. Prior to use with such sample types, users should validate the method.
SANS 15874-1:2004/ ISO 15874-1:2003	<i>Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 1: General.</i> Specifies the general aspects of polypropylene (PP) piping systems intended to be used for hot and cold water <b>installations</b> within buildings for the conveyance of water whether or not intended for <b>human consumption</b> (domestic systems) and for <b>heating systems</b> , under design pressures and temperatures according to the class of application.
SANS 15874-2:2004/ ISO 15874-2:2003	<i>Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 2: Pipes.</i> Specifies the characteristics of pipes made from polypropylene (PP) for piping systems intended to be used for hot and cold water installations <b>within buildings</b> for the conveyance of water whether or not intended for <b>human consumption</b> (domestic systems) and for <b>heating systems under operating pressures and temperatures</b> appropriate to the class of application.
SANS 15874-3:2004/ ISO 15874-3:2003	<i>Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 3: Fittings.</i> Specifies the characteristics of <b>fittings</b> for polypropylene (PP) piping systems intended to be used for hot and cold water installations <b>within buildings</b> for the conveyance of <b>water, whether or not intended for human consumption</b> (domestic systems) and for <b>heating systems under design pressures and temperatures</b> according to the class of application.
SANS 15874-5:2004/ ISO 15874-5:2003	<i>Plastics piping systems for hot and cold water installations – Polypropylene (PP) – Part 5: Fitness for purpose of the system.</i> Specifies the characteristics of the fitness for purpose of polypropylene (PP) piping systems, intended to be used for hot and cold <b>water installations</b> within buildings for the conveyance of water, whether or not intended for <b>human consumption</b> (domestic systems) and for <b>heating systems</b> , under design pressures and temperatures according to the class of application.
SANS 18014-1:2004/ ISO/IEC 18014-1:2002	<i>Information technology – Security techniques – Time-stamping services – Part 1: Framework</i> Defines the objective of a time-stamping authority, describes a general model on which time-stamping services are based, defines time-stamping services, defines the basic <b>protocols of time-stamping</b> and specifies the protocols between the involved entities.
SANS 18014-2:2004/ ISO/IEC 18014-2:2002	<i>Information technology – Security techniques – Time stamping services – Part 2: Mechanisms producing independent tokens.</i> Gives evidence that a data item <b>existed</b> before a certain point in time. Time-stamp services produce time-stamp <b>tokens</b> , which are data structures containing a verifiable <b>cryptographic</b> binding between a data item's representation and a time-value.
SANS 18014-3:2004/ ISO/IEC 18014-3:2004	<i>Information technology – Security techniques – Tie-stamping services – Part 3: Mechanisms producing linked tokens.</i> Describes a <b>general</b> model for time-stamping services producing <b>linked tokens</b> , the basic components used to construct a time-stamping service of this type and specific <b>instances of such time-stamping services</b> . Also defines the data structures used to interact with a <b>time-stamping</b> service of this type.
SANS 19106:2004/ ISO 19106:2004	<i>Geographic information – Profiles.</i> Defines the concept of a profile of the ISO geographic information standards developed by <b>ISO/TC 211</b> and provides guidance for the creation of <b>such profiles</b> . Only those components of specifications that meet the definition of a profile contained <b>herein</b> can be established and <b>managed through</b> the mechanisms described in this standard. These <b>profiles can</b> be standardized internationally using the ISO standardization <b>process</b> . This document <b>also</b> provides guidance for <b>establishing, managing, and standardizing</b> at the national level (or in some other forum).
SANS 19116:2004/ ISO 19116:2004	<i>Geographic information – Positioning services.</i> Specifies the <b>data structure and content</b> of an <b>interface</b> that permits communication between position-providing device(s) and position-using device(s) so that the position-using device(s) <b>can obtain</b> and unambiguously <b>interpret</b> position information and determine whether the results <b>meet</b> the requirements of the use. A standardized interface of geographic information with position <b>allows the integration of positional information</b> from a <b>variety</b> of positioning <b>technologies</b> into a variety of <b>geographic information applications, such as surveying, navigation and intelligent transportation systems</b> . This standard will benefit a wide range of applications for which positional information is important.
SANS 52566-1:2004/ EN 12566-1:2000	<i>Small wastewater treatment systems for up to 50 PT – Part 1: Prefabricated septic tank.</i> Specifies the requirements for <b>prefabricated septic tanks</b> for the partial treatment of domestic wastewater for a population not exceeding <b>fifty</b> .

Standard No. and year	Title, scope and purport
SANS 60896-21:2004/ IEC 60896-21:2004	<i>Stationary lead-acid batteries – Part 21: Valve regulated types – Methods of test</i> Specifies the methods of test for all stationary lead-acid cells and monobloc batteries of the valve regulated type for float charge applications (i.e. permanently connected to a load and to a d.c. power supply), in a static location and incorporated into stationary equipment or installed in battery rooms for use in telecom, uninterruptible power supply, utility switching, emergency power or similar applications.
SANS 60896-22:2004/ IEC 60896-22:2004	<i>Stationary lead-acid batteries – Part 22: Valve regulated types – Requirements.</i> Specifies the requirements for stationary lead-acid cells and monobloc batteries of the valve regulated type for float charge applications, (i.e. permanently connected to a load and to a d.c. power supply), in a static location and incorporated into stationary equipment or installed in battery rooms for use in telecom, uninterruptible power supply, utility switching, emergency power or similar applications.

## 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 70:2004 (SABS SM 701972)	<i>Conditioning of textiles and standard temperate atmosphere for determining their physical and mechanical properties.</i> Specifies a method for the conditioning of textile samples and specifies the standard temperate atmosphere for determining their physical and mechanical properties.
SANS 81:2004 (SABSSM 81:1972)	<i>Width of a textile fabric sample.</i> Specifies a method for the determination of the width of a textile fabric sample.
SANS 82:2004 (SABSSM 82:1972)	<i>Width of a textile fabric in a piece or roll.</i> Specifies a method for the measurement of the width of a textile fabric in a piece or roll.
SANS 211:2004/ CISPR 11:2004 (Ed. 3.1)	<i>Industrial, scientific and medical (ISM) radio-frequency equipment – Electromagnetic disturbance characteristics – Limits and methods of measurement. Consolidated edition incorporating CISPR amendment No. 1.</i> Amended to add UV irradiators to the scope of the standard, and to replace the existing table 6 with a new table 6 containing the limits for class A and class B ISM equipment.
SANS 216-1-2:2004/ CISPR 16-1-2:2004 (Ed. 1:1)	<i>Specification for radio disturbance and immunity measuring apparatus and methods – Part 1-2: Radio disturbance and immunity measuring apparatus – Ancillary equipment – Conducted disturbances. Consolidated edition incorporating CISPR amendment No. 1.</i> Amended to change the title of subclause 5.2.1 from "Voltage probe" to "High impedance voltage probe", and to add new requirements for, and a new subclause and new annex G on the capacitive voltage probe.
SANS 216-2-2:2004/ CISPR 16-2-2:2004 (Ed. 1:1)	<i>Specification for radio disturbance and immunity measuring apparatus and methods – Part 2-2: Methods of measurement of disturbances and immunity – Measurement of disturbance power. Consolidated edition incorporating CISPR amendment No. 1.</i> Amended to add new definitions, requirements and general information relating to absorbing clamps.
SANS 226:2004 (Ed. 5.1)	<i>Watertaps (metallic bodies). Consolidated edition incorporating amendment No. 1.</i> Amended to include "stop taps" as a synonym for "stopcock", to add a definition for acceptable, to correct the requirement for the dynamic supply pressure (table 1), to add a note clarifying the use of the word "class", to change the requirements for metallic materials to change the tolerance for diameters of washers and to change the marking requirement.
SANS 282:2004 (Ed. 5.1)	<i>Bending dimensions and scheduling of steel reinforcement for concrete. Consolidated edition incorporating amendment No. 1.</i> Amended to correct the method of measurement of bending dimensions for shape code 41, to correct the calculated length for shape code 86, and to correct the hook allowance ( <i>h</i> ) and bend allowance ( <i>n</i> ) for hot-rolled mild steel bars (figure 2) and for high yield stress steel bars and cold-worked steel bars (figure 3).
SANS 521:2004 (Ed. 3.3)	<i>Hospital beds and cots. Consolidated edition incorporating amendment No. 3.</i> Amended to change the document to SANS format, to update referenced standards and to delete reference to the South African Bureau of Standards.
SANS 757:2004 (Ed. 3.3)	<i>Sheet steel furniture. Consolidated edition incorporating amendment No. 3.</i> Amended to update referenced standards to delete reference to the certification scheme, to delete the footnote referring to the South African Bureau of Standards and to correct the units of measurement for the endurance test of drawers.
SANS 1186-5:2004 (Ed. 1.2)	<i>Symbolic safety signs – Part 5: Photoluminescent signs. Consolidated edition incorporating amendment No. 1.</i> Amended to change the chromaticity co-ordinates for the boundaries of photoluminescent white and to update referenced standards.
SANS 1252:2004 (Ed. 2.1)	<i>Passive antennas for the reception of VHF and UHF television and VHF sound transmissions. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards to substitute the plural form "antennae" with "antennas" and to update referenced standards and the definition of "acceptable".
SANS 1529-4:2004 (Ed. 1.1)	<i>Watermeters for cold potable water – Part 4: Mechanical meters of nominal bore exceeding 100 mm but not exceeding 800 mm. Consolidated edition incorporating amendment No. 1.</i> Amended to remove reference to the certification mark and to update the referenced standards.
SANS 1545-3:2004 (Ed. 1.2)	<i>Safety rules for the construction and installation of lifts – Part 3: Lifts for persons with physical disabilities (stairlifting platforms). Consolidated edition incorporating amendment No. 2.</i> Amended to update the list of parts of SANS 1545 in the foreword and referenced standards to delete a note referring to a section that was in course of preparation and to insert conditions (a) and (b) in 3.3 "Transformer" of table A.1.

Standard No. and year	Title, scope and purport
SANS 1545-4:2004 (Ed. 1.1)	<i>Safety rules for the construction and installation of lifts – Part 4: Lifts for persons with physical disabilities (vertical lifting platforms). Consolidated edition incorporating amendment No. 1.</i> Amended to update the list of parts of SANS 1545 in the foreword and referenced standards, to correct a limit of travel for platforms, to move the conditions for passive components to the correct row to align with 1.1 "Resistor fixed" and to correct the entry for variable resistors in table B.1.
SANS 1598:2004 (Ed. 1.5)	<i>Unleaded petrol. Consolidated edition incorporating amendment No. 5.</i> Amended to change the requirement for sulfur content, to delete reference to ASTM D3116 in table 1, to update packing and marking requirements, to delete the reference to the SABS certification mark scheme, and to update referenced standards.
SANS 1655:2004 (Ed. 1.1)	<i>Welding of thermoplastics – Welding rods, fillers and solvents. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update referenced standards, to replace references to DIN standards with references to ISO standards, and to modify reference to "DIN and ISO standards" to read as "International standards".
SANS 1671-3:2004 (Ed. 1.1)	<i>Welding of thermoplastics – Machines and equipment – Part 3: Hot-gas welding. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the list of parts in the foreword, and to update referenced standards.
SANS 1671-4:2004 (Ed. 1.1)	<i>Welding of thermoplastics – Machines and equipment – Part 4: Hot-gas extrusion welding. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the list of parts in the foreword, and to update referenced standards.
SANS 1700-7-2:1996/ ISO 4015:1979 (SABS 1700-7-2:1996)	<i>Fasteners – Part 7: External drive hexagon bolts and screws – Section 2: Hexagon head bolts – Product grade B – Reduced shank (shank diameter ≈ to pitch diameter). National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-12-1:2004/ ISO 2342:2003 (SABS 1700-12-1:1996)	<i>Fasteners – Part 12: Set screws – Section 1: Slotted headless screws with shank.</i> Specifies the dimensions of slotted headless screws with shank with threads from M1 up to and including M10.
SANS 1700-12-2:2004/ ISO 4026:2003 (SABS 1700-12-2:1996)	<i>Fasteners – Part 12: Set screws – Section 2: Hexagon socket set screws with flat point.</i> Specifies the characteristics of hexagon socket set screws with flat point and threads from M1,6 up to and including M24 and of product grade A.
SANS 1700-12-5:2004/ ISO 4029:2003 (SABS 1700-12-5:1996)	<i>Fasteners – Part 12: Set screws – Section 5: Hexagon socket set screws with cup point.</i> Specifies the characteristics of hexagon socket set screws with cup point and threads from M1,6 up to and including M24 and of product grade A.
SANS 1700-17-16:1998/ ISO 8744:1997	<i>Fasteners – Part 17: Pins – Section 16: Grooved pins – Full-length taper grooved. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-17-17:1998/ ISO 8745:1997	<i>Fasteners – Part 17: Pins – Section 17: Grooved pins – Half-length taper grooved. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-17-18:1998/ ISO 8746:1997	<i>Fasteners – Part 17: Pins – Section 18: Grooved pins with round head. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-17-19:1998/ ISO 8747:1997	<i>Fasteners – Part 17: Pins – Section 19: Grooved pins with countersunk head. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-17-20:1998/ ISO 8748:1997	<i>Fasteners – Part 17: Pins – Section 20: Spring-type straight pins – Coiled, heavy duty. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-17-21:1998/ ISO 8750:1997	<i>Fasteners – Part 17: Pins – Section 21: Spring-type straight pins – Coiled, standard duty. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-17-24:1998/ ISO 13337:1997	<i>Fasteners – Part 17: Pins – Section 24: Spring-type straight pins – Slotted, light duty. National amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1737:2004 (Ed. 1.2)	<i>Body-worn escape type breathing apparatus. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, add and change definitions, clarify and expand the requirements of rated duration and alter the status of functional duration; alter the requirement for breathing resistance, clarify the requirement and test for resistance to corrosion, delete and change marking requirements, delete the requirements for non-mark-bearing units and include recommendations for ongoing conformity assessment, clarify and refer to the prototype testing sequence and rename the training facility used in the practical performance test.
SANS 1879:2004 (Ed. 1.1)	<i>Precast concrete suspended slabs. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to delete a referenced standard, to change the definition for "acceptable" and to clarify two other definitions, to include a cross reference in the requirement for systems, to clarify the requirement for tolerances on dimensions, to change the requirement for tolerances on covers, to delete a cross reference in the requirement for tolerances on surface roughness, to delete the reference to the SABS certification mark scheme, and to change a heading to comply with the text.

Standard No. and year	Title, scope and purport
SANS 4628-1:2004/ ISO 4628-1:2003 (SABS ISO 4628-1:1982)	<i>Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 1: General introduction and designation system. Defines a system for designating the quantity and size of defects and the intensity of changes in appearance of coatings and outlines the general principles of the system used throughout SANS 4628. This system is intended to be used, in particular, for defects caused by ageing and weathering, and for uniform changes such as colour changes, for example yellowing. The other parts of SANS 4628 provide pictorial standards or other means of evaluating particular types of defect as far as possible, already existing evaluation schemes have been used as the basis. This part of SANS 4628 can also be used for assessing defects not covered by the other parts of SANS 4628.</i>
SANS 4628-2:2004/ ISO 4628-2:2003 (SABS ISO 4628-2: 1982)	<i>Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 2: Assessment of degree of blistering. Describes a method for assessing the degree of blistering of coatings by comparison with pictorial standards. The pictorial standards provided in this part of SANS 4628 illustrate blisters in the sizes 2, 3, 4 and 5, and each size in the quantities (densities) 2, 3, 4 and 5. SANS 4628-1 defines the system for designating the quantity and size of defects and the intensity of changes in appearance of coatings and outlines the general principles of the system. This system is intended to be used, in particular, for defects caused by ageing and weathering, and for uniform changes such as colour changes, for example yellowing.</i>
SANS 4628-3:2004/ ISO 4628-3:2003 (SABS ISO 4628-3: 1982)	<i>Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 3: Assessment of degree of rusting. Describes a method for assessing the degree of rusting of coatings by comparison with pictorial standards. The pictorial standards provided in this part of SANS 4628 show coated steel surfaces which have deteriorated to different degrees by a combination of rust broken through the coating and visible under rust. SANS 4628-1 defines the system for designating the quantity and size of defects and the intensity of changes in appearance of coatings and outlines the general principles of the system. This system is intended to be used, in particular, for defects caused by ageing and weathering, and for uniform changes such as colour changes, for example yellowing.</i>
SANS 4628-4:2004/ ISO 4628-4:2003 (SABS ISO 4628-4:1982)	<i>Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 4: Assessment of degree of cracking. Describes a method for assessing the degree of cracking of coatings by comparison with pictorial standards, using the designation system defined in SANS 4628-1. SANS 4628-1 defines the system for designating the quantity and size of defects and the intensity of changes in appearance of coatings and outlines the general principles of the system. This system is intended to be used, in particular, for defects caused by ageing and weathering, and for uniform changes such as colour changes, for example yellowing.</i>
SANS 4628-5:2004/ ISO 4628-5:2003 (SABS ISO 4628-5:1982)	<i>Paints and varnishes – Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance – Part 5: Assessment of degree of flaking. Describes a method for assessing the degree of flaking of coatings by comparison with pictorial standards, using the designation system defined in SANS 4628-1. SANS 4628-1 defines the system for designating the quantity and size of defects and the intensity of changes in appearance of coatings and outlines the general principles of the system. This system is intended to be used, in particular, for defects caused by ageing and weathering, and for uniform changes such as colour changes, for example yellowing.</i>
SANS 5101:2004 (SABS SM 101:1974)	<i>Water resistance of textile fabrics: drop penetration test. Specifies the drop penetration test for the determination of the water resistance of textile fabrics.</i>
SANS 5102:2004 (SABS SM 102:1973)	<i>Water resistance of textile fabrics: short period cone test. Specifies the short period cone test for the determination of the water resistance of textile fabrics.</i>
SANS 5176:2004 (SABS SM 176:1971)	<i>Textile fabrics: tearing strength of selvages. Specifies a method for the determination of the tearing strength of the selvages of textile fabrics.</i>
SANS 5828:2004/ ISO 5828:2001 (SABS ISO 5828:1983)	<i>Resistance welding equipment – Secondary connecting cables with terminals connected to water-cooled lugs – Dimensions and characteristics. Specifies the dimensions and characteristics of secondary connecting cables which are air-cooled over their length and with terminals connected to water-cooled lugs.</i>
SANS 6013:2004 (Ed. 1.1)	<i>Dimensional and mass stability of particle boards with varying humidity. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes</i>
SANS 6888-1:1999/ ISO 6888-1:1999	<i>Microbiology of food and animal feeding stuffs – Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) – Part 1: Technique using Baird-Parker agar medium. ISO amendment No. 1. Amended to include precision data.</i>
SANS 6888-2:1999/ ISO 6888-2:1999	<i>Microbiology of food and animal feeding stuffs – Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species) – Part 2: Technique using rabbit plasma fibrinogen agar medium. ISO amendment No. 1. Amended to include precision data.</i>
SANS 7899-1:2004/ ISO 7899-1:1998	<i>Water quality – Detection and enumeration of intestinal enterococci – Part 1: Miniaturized method (Most Probable Number) for surface and waste water. ISO technical corrigendum No. 1. Corrected to change the title to read: Water quality – Detection and enumeration of intestinal enterococci – Part 1: Miniaturized method (Most Probable Number) for surface and waste water.</i>
SANS 9308-3:2004/ ISO 9308-3:1998	<i>Water quality – Detection and enumeration of Escherichia coli and coliform bacteria – Part 3: Miniaturized method (Most Probable Number) for the detection and enumeration of E. coli in surface and waste water. ISO technical corrigendum No. 1. Corrected to change the title to read: Water quality – Detection and enumeration of Escherichia coli and coliform bacteria – Part 3: Miniaturized method (Most Probable Number) for the detection and enumeration of E. coli in surface and waste water.</i>
SANS 10006:2004 (SABS 06:1957)	<i>Colour marking and identification of medical gas cylinders and anaesthetic apparatus. Is applicable to cylinders that contain gas for use as anaesthetics, for oxygen therapy, resuscitation and other medical purposes, to certain features of anaesthetic and gas-therapy apparatus as used in medical, dental and veterinary practice, and to gas distribution systems by pipelines in hospitals.</i>
SANS 10044-2:2004 (SABS 044-2:1963)	<i>Welding – Part 2: Symbols. Covers the welding symbols used to specify the form and extent of welds and welding processes to be used.</i>

Standard No. and year	Title, scope and purport
SANS 10096:2004 (R3.2.3)	<i>The manufacture of finger-jointed structural timber. Consolidated edition incorporating amendment No. 3. Amended to allow for the one-sided application of adhesives and to delete references to the South African Bureau of Standards as the only certification body or laboratory.</i>
SANS 10109-2:2004 (SABS 0109-2:1992)	<i>Concrete floors – Part 2: Finishes to concrete floors. Covers general principles for commonly used floor finishes of certain types.</i>
SANS 10198-1:2004 (SABS 0198-1:1988)	<i>The selection, handling and installation of electric power cables of rating not exceeding 33 kV – Part 1: Definitions and statutory requirements. Covers definitions and statutory requirements pertaining to the installation of electric power cables, and the parties to be consulted regarding the laying of cables near roads, railways, pipelines, powerlines and other services.</i>
SANS 10198-5:2004 (SABS 0198-5:1988)	<i>The selection, handling and installation of electric power cables of rating not exceeding 33 kV – Part 5: Determination of thermal and electrical resistivity of soil. Covers methods used for the determination of the thermal resistivity of soil, the interpretation of results and how to improve the thermal resistivity of soil. Reference is also made to the determination of electrical resistivity.</i>
SANS 10198-7:2004 (SABS 0198-7:1988)	<i>The selection, handling and installation of electric power cables of rating not exceeding 33 kV – Part 7: Safety precautions. Covers precautions against electric shock, fire and burns, as well as safety measures to be observed when drums of cable are handled and when repairs or alterations are made to existing cables. Emergency treatment for electric shock and burns, including artificial respiration, is also covered.</i>
SANS 10243:2004 (SABS 0243:2001)	<i>The manufacture and erection of timber trusses. Gives guidance on the manufacture, erection and bracing of timber roof trusses, including nail-plated trusses and bolted trusses with lapped members.</i>
SANS 15504-3:2004/ISO/IEC 15504-3:2004 (SABS/ISO/IEC TR 15504-3:1998)	<i>Information technology – Process assessment – Part 3: Guidance on performing an assessment. Provides guidance on meeting the minimum set of requirements for performing an assessment contained in SANS 15504-2. It provides an overview of process assessment and interprets the requirements through the provision of guidance on performing an assessment, the measurement framework for process capability, process reference models and process assessment models, selecting and using assessment tools, competency of assessors and verification of conformity. In this document, the text inside a box is quoted from the normative SANS 15504-2 and the text following a box is guidance about the normative text. If the quoted text includes a clause reference, it is understood that SANS 15504-2 should be referred to.</i>
SANS 52566-1:2004/EN 12566-1:2000	<i>Small wastewater treatment systems for up to 50 PT – Part 1: Prefabricated septic tanks. EN amendment No. 1. Amended to add a new normative reference, to add a definition for "range", to change "classification" to "nominal sizes", to update the requirements for backfill load, water tightness, air permeability vacuum test, durability of tanks to include carbon steel tanks, marking requirements, and hydraulic efficiency test, to add an additional requirement for structural behaviour, to update and replace "quality control" with "evaluation of conformity", and to add a normative annex dealing with provisions of the EU construction products directives.</i>
SANS 60079-5:1997/IEC 60079-5:1997	<i>Electrical apparatus for explosive gas atmospheres – Part 5: Powder filling "q". IEC amendment No. 1. Amended to update two normative references, to remove dates from all normative references and to change the requirements for flammability of materials.</i>
SANS 60079-6:1995/IEC 60079-6:1995	<i>Electrical apparatus for explosive gas atmospheres – Part 6: Oil-immersion "o". ZEC corrigendum No. 1. corrected to update normative references.</i>
SANS 60335-2-41/IEC 60335-2-41 (R3.1)	<i>Household and similar electrical appliances – Safety – Part 2-41: Particular requirements for pumps. Consolidated edition incorporating ZEC amendment No. 1. Amended to include requirements for shower-boost pumps.</i>
SANS 61058-2-4/IEC 61058-2-4:2003 (R1.1)	<i>Switches for appliances – Part 2-4: Particular requirements for independently mounted switches. Consolidated edition incorporating IEC amendment No. 1. Amended to modify the scope, to add a normative reference, to modify and replace table 3 and titles, to replace an additional note for terminals and termination and to add a new nonnative annex and two informative annexes.</i>
SANS 62086-1:2003/IEC 62086-1:2001	<i>Electrical apparatus for explosive gas atmospheres – Electrical resistance trace heating – Part 1: General and testing requirements. IEC corrigendum No. 1. Corrected to change the circuit protection requirements for branch circuits.</i>

### SCHEDULE 3: CANCELLATION OF STANDARD

In terms of section 16(3) of the Act the following standard has been cancelled.

Standard No. and year	Title
SANS 1904:2003	Septic tanks

**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 President, 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, Bloemfontein, 9320.