

GOVERNMENT NOTICE

DEPARTMENT OF TRADE AND INDUSTRY

No. 12

22 January 2010

STANDARDS ACT, 2008
STANDARDS MATTERS

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

All South African standards that were previously published by the South African Bureau of Standards with the prefix "SABS" have been redesignated as South African national standards and are now published by Standards South Africa (a division of SABS) with the prefix "SANS".

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

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

SCHEDULE 1: ISSUE OF NEW STANDARDS

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

Standard No. and year	Title, scope and purport
SANS 517:2009	<i>Light steel frame building.</i> Specifies requirements for the design, fabrication and construction of buildings with light steel frames, clad and insulated with appropriate materials, including the walls, roofs, floors, and foundations of such buildings.
SANS 765:2009	<i>Off-the-road (OTR) tyres – Earth-moving tyres for earth-moving machinery – Repairs and retreading.</i> Specifies requirements for the identification, inspection, repair, retreading and maintenance of off-the-road (OTR) pneumatic tyres for OTR Machinery.
SANS 7500-1:2009/ ISO 7500-1:2004	<i>Metallic materials – Verification of static uniaxial testing machines – Part 1: Tension/compression testing machines – Verification and calibration of the force-measuring system.</i> Specifies the verification of tension/compression testing machines.
SANS 7619-1:2009/ ISO 7619-1:2004	<i>Rubber, vulcanized or thermoplastic – Determination of indentation hardness – Part 1: Durometer method (Shore hardness).</i> Specifies a method for determining the indentation hardness (Shore hardness) of vulcanized or thermoplastic rubber using durometers.
SANS 10183-3-1:2009/ EN 204:2001	<i>Adhesives for wood – Part 3-1: Non-structural applications – Classification of thermoplastic wood adhesives for non-structural applications.</i> Classifies thermoplastic resin based wood adhesives for non-structural applications classified into durability classes D1 to D4 based on the dry and wet strengths of bond-lines measured under specified conditions after various conditioning treatments.
SANS 10183-3-2:2009/ EN 205:2003	<i>Adhesives for wood – Part 3-2: Non-structural applications – Determination of tensile shear strength of lap joints.</i> Describes tests for adhesives for wood and derived timber products for the assessment of their resistance to hot and cold water. Can be used for the assessment of the strength of bonds with a thin or thick bond-line. Does not apply to adhesives for structural use or to the manufacture of particle boards, fibreboards and plywood. Does not replace tests on finished products.
SANS 10183-3-3/ EN 12765:2001	<i>Adhesives for wood – Part 3-3: Non-structural applications – Classification of thermosetting wood adhesives for non-structural applications.</i> Classifies thermosetting resin based wood adhesives for non-structural applications into durability classes C1 to C4 based on the dry and wet strengths of bond-lines measured under specified conditions after various conditioning treatments. Describes adhesives that are suitable for the bonding of furniture and interior structures, panelling, doors, windows, stairs etc made of wood or derived timber products.
SANS 10183-4-1:2009/ EN 302-1:2004	<i>Adhesives for wood – Part 4-1: Test methods – Determination of bond strength in longitudinal tensile shear strength.</i> Specifies a method of determining the shear strength of adhesive bonds. Is applicable to adhesives used in load-bearing timber structures. Not intended for use to provide numerical design data, nor is it applicable to the assessment of adhesives for the manufacture of wood-based panels.
SANS 10183-4-2:2009/ EN 302-2:2004	<i>Adhesives for wood – Part 4-2: Test methods – Determination of resistance to delamination.</i> Specifies a method for determining the resistance to delamination of bonded joints. Suitable for assessing the compliance of adhesives with EN 301, assessing the suitability and quality of adhesives for load-bearing timber structures, and comparing the effects on the bond strength resulting from the choice of bonding conditions, from different climatic conditioning and from the treatment of the test pieces before and after bonding. Is intended primarily to obtain performance data for the classification of adhesives for load-bearing timber structures according to their suitability for use in defined climatic environments. Not intended for use to provide numerical design data and does not necessarily represent the performance of the bonded member in service. Not intended to be used to assess the suitability of adhesives for the manufacture of wood-based panels.
SANS 10183-4-3:2009/ EN 302-3:2004	<i>Adhesives for wood – Part 4-3: Test methods – Determination of the effect of acid damage to wood fibres by temperature and humidity cycling on the transverse tensile strength.</i> Specifies a method for determining the effect on bond strength of damage to wood fibres caused by the action of acids from the adhesive during climatic cycling. Is suitable for assessing the compliance of adhesives with EN 301, assessing the suitability and quality of adhesives for load-bearing timber structures, and determining if the adhesive after bonding has a damaging influence on the strength of the wood due to chemical action. Is intended primarily to obtain performance data for the classification of adhesives for load-bearing timber structures according to their suitability for use in defined climatic environments. Intended for use to provide numerical design data and does not necessarily represent the performance of the bonded member in service. Not intended to be used to assess the suitability of adhesives for the manufacture of wood-based panels.

Standard No. and year	Title, scope and purport
SANS 10183-4-4:2009/ EN 302-4:2004	<i>Adhesives for wood – Part 4-4: Test methods – Determination of the effects of wood shrinkage on the shear strength.</i> Specifies a method for determining the extent to which wood shrinkage under drying conditions will weaken an adhesive bond. Is suitable for assessing the compliance of adhesives with EN 301, assessing the suitability and quality of adhesives for load-bearing timber structures, and determining if the adhesive is capable of withstanding stresses due to wood shrinkage without unacceptable loss of strength. Is intended primarily to obtain performance data for the classification of adhesives for load-bearing timber structures according to their suitability for use in defined climatic conditions. Not intended for use to provide numerical design data and does not necessarily represent the performance of the bonded member in service. Not intended to be used to assess the suitability of adhesives for the manufacture of wood-based panels.
SANS 10183-4-5:2009/ EN 15416-2:2007	<i>Adhesives for wood – Part 4-5: Test methods – Static load test of multiple bondline specimens in compression shear.</i> Specifies a method of determining the ability of adhesive bonds to resist static load. Is applicable to adhesives used in load bearing timber structures. Is suitable for assessing the compliance of adhesives according to prEN 15425 and assessing the suitability and quality of adhesives for load-bearing timber structures. Is intended primarily to obtain performance data for the classification of adhesives for load bearing timber structures according to their suitability for use in defined climatic environments. Not intended for use to provide numerical design data and does not necessarily represent the performance of the bonded member in service. Is not applicable to assessment of the suitability of adhesives for the manufacture of wood-based panels.
SANS 10248-2:2009	<i>Management of healthcare waste – Part 2: Management of healthcare risk waste for healthcare facilities and healthcare providers in rural and remote settings.</i> Specifies provisions and requirements for the safe management of healthcare risk waste for healthcare facilities and healthcare providers operating in rural and remote settings.
SANS 10272-1:2009/ ISO 10272-1:2006	<i>Microbiology of food and animal feeding stuffs – Horizontal method for detection and enumeration of Campylobacter spp. – Part 1: Detection method.</i> Describes a horizontal method for the detection of Campylobacter spp. It is applicable to products intended for human consumption or for the feeding of animals, and to environmental samples in the area of food production and food handling.
SANS 13720:2009/ ISO 13720:1995	<i>Meat and meat products – Enumeration of Pseudomonas spp.</i> Describes a method for the enumeration of Pseudomonas spp. present in meat and meat products, including poultry.
SANS 15836:2009/ ISO 15836:2009	<i>Information and documentation – The Dublin Core metadata element set.</i> Establishes a standard for cross-domain resource description, known as the Dublin Core Metadata Element Set.
SANS 16063-31:2009/ ISO 16063-31:2009	<i>Methods for the calibration of vibration and shock transducers – Part 31: Testing of transverse vibration sensitivity.</i> Specifies details of the instrumentation and methods to be used for transverse vibration sensitivity testing. Applies to rectilinear velocity and acceleration transducers.
SANS 17604:2009/ ISO 17604:2003	<i>Microbiology of food and animal feeding stuffs – Carcass sampling for microbiological analysis.</i> Specifies sampling methods for the detection and enumeration of microorganisms on the carcass surface of freshly slaughtered meat animals. It includes the use of destructive and non-destructive techniques depending on the reason for the sample collection, and does not consider the use of sampling plans.
SANS 17660-1:2009/ ISO 17660-1:2006	<i>Welding – Welding of reinforcing steel – Part 1: Load-bearing welded joints.</i> Specifies requirements for materials, design and execution of welded joints, welding personnel, quality requirements, examination and testing. Is applicable to welding of weldable reinforcing steel and stainless reinforcing steel of load-bearing joints, in workshops or on site.
SANS 17660-2:2009/ ISO 17660-2:2006	<i>Welding – Welding of reinforcing steel – Part 2: Non-load-bearing welded joints.</i> Specifies requirements for materials, design and execution of welded joints, welding personnel, quality requirements, examination and testing. Is applicable to the welding of weldable reinforcing steel and stainless reinforcing steel of non load-bearing welded joints, in workshops or on site.
SANS 19765:2009/ ISO/IEC TR 19765:2007	<i>Information technology – Survey of icons and symbols that provide access to functions and facilities to improve the use of information technology products by the elderly and persons with disabilities.</i> Presents icons and symbols currently used to provide access to facilities and tools to support the needs of elderly and disabled users of information technology products. Icons and symbols presented are categorized by modality and method of use.
SANS 20775:2009/ ISO 20775:2009	<i>Information and documentation – Schema for holdings information.</i> Specifies a schema designed to cover the holdings of all types of resources, physical and electronic, all types of resource format, such as printed text, visual images, sound recordings, videos, electronic media and resources published or issued once, such as monographs, or those published serially or in – Part.
SANS 21527-1:2009/ ISO 21527-1:2008	<i>Microbiology of food and animal feeding stuffs – Horizontal method for the enumeration of yeasts and moulds – Part 1: Colony count technique in products with water activity greater than 0,95.</i> Specifies a horizontal method for the enumeration of viable yeasts and moulds in products intended for human consumption or feeding of animals that have a water activity greater than 0,95 [eggs, meat, dairy products (except milk powder), fruits, vegetables, fresh pastes, etc.], by means of the colony count technique at 25 °C ± 1 °C.
SANS 24734:2009/ ISO/IEC 24734:2009	<i>Information technology – Office equipment – Method for measuring digital printing productivity.</i> Provides a method for measuring the productivity of digital printing devices with various office applications and print job characteristics. Applies to digital printing devices, including single function printing and multi-function devices, regardless of print technology. Includes test files, test setup procedure, test runtime procedure, and the reporting requirements for the digital printing productivity measurements.
SANS 24735:2009/ ISO/IEC 24735:2009	<i>Information technology – Office equipment – Method for measuring digital copying productivity.</i> Provides a method for measuring digital copying productivity of digital copying devices and multifunctional devices with various copying modes. Allows comparison of the throughput copying rates for a machine operated in various available operating modes and various available digital image processing configurations. Includes test files, test setup procedure, test procedure, and the reporting requirements for the digital copying productivity measurements.
SANS 25577:2009/ ISO 25577:2008	<i>Information and documentation – MarcXchange.</i> Specifies the requirements for a generalized XML-based exchange format for bibliographic records, as well as other types of metadata. It does not define the length or the content of individual records and does not assign any meaning to tags.

Standard No. and year	Title, scope and purport
SANS 50054-20:2009/ EN 54-20:2006	<i>Fire detection and fire alarm systems – Part 20: Aspirating smoke detectors.</i> Specifies the requirements, test methods and performance criteria for aspirating smoke detectors for use in fire detection and fire alarm systems installed in buildings.
SANS 60598-2-14:2009/ IEC 60598-2-14:2009	<i>Luminaires – Part 2-14: Particular requirements – Luminaires for cold cathode tubular discharge lamps (neon tubes) and similar equipment.</i> Applies to luminaires for cold cathode tubular discharge lamps and similar equipment, operating on a no-load rated output voltage over 1 000 V but not exceeding 10 000 V, mainly used for general lighting, for indoor or outdoor applications and for supply voltages up to 1 000 V.
SANS 61094-3:2009/ IEC 61094-3:1995	<i>Measurement microphones – Part 3: Primary method for free-field calibration of laboratory standard microphones by the reciprocity technique.</i> Specifies a primary method of determining the free-field sensitivity so as to establish a reproducible and accurate basis for the measurement of sound pressure under free-field conditions.
SANS 61094-4:2009/ IEC 61094-4:1995	<i>Measurement microphones – Part 4: Specifications for working standard microphones.</i> Specifies mechanical dimensions and certain electroacoustical characteristics for working standard microphones used in measuring systems for the determination of sound pressure to enable these microphones to be used as transfer standards in the calibration of acoustic measurement instruments.
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> Addresses the procedures for safe and environmental compatible handling of SF ₆ during installation, commissioning, normal and abnormal operations and disposal at the end-of-life of high-voltage switchgear and controlgear, and the storage and transportation of SF ₆ .
SANS 62614:2009/ IEC/PAS 62614:2009	<i>Fibre optics – Launch condition requirements for measuring multimode attenuation.</i> Describes the launch condition requirements used for measuring multimode attenuation in passive components and installed cable plant. The fibre types and source condition that are addressed include category A1a and A1b multimode fibres.

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 1-1:2009	<i>Standard for standards – Part 1: The development of South African national standards and other normative documents.</i> Describes the underlying principles of the preparation of national standards and other normative documents published by the SABS Standards Division. Is intended to guide committee members, chairpersons and SABS Standards Division staff members, and provides background information for standards development organizations, interested organizations and members of the public. Does not cover compulsory specifications.
SANS 171:2009 (Ed. 2.1)	<i>Glassware and equipment for microbiological tests. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 226:2009 (Ed. 5.2)	<i>Water taps (metallic bodies). Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards, and to modify the requirements for metallic materials.
SANS 371:2009 (Ed. 1.1)	<i>Steel mesh reinforced polyethylene (PE) pipe fittings for water supply. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, to insert the definition of "acceptable" and to re-number the definitions accordingly.
SANS 523:2009 (Ed. 2.3)	<i>Limes for use in building. Consolidated edition incorporating amendment No. 3.</i> Amended to change the chemical composition of a type of lime.
SANS 601:2009 (Ed. 1.1)	<i>Dynamometer testing for replacement brake lining assemblies and drum brake linings intended for vehicles of category M1, M2 and N1. Consolidated edition incorporating amendment No. 1.</i> Amended to change the test for cold performance equivalence.
SANS 657-1:2009 (Ed. 3.2)	<i>Steel tubes for non-pressure purposes – Part 1: Sections for scaffolding, general engineering and structural applications. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards, to include the thickness tolerance for tubes to be used in structural applications, and to include colour coding to indicate varying thicknesses of structural tubes.
SANS 752:2009 (Ed. 2.6)	<i>Float valves. Consolidated edition incorporating amendment No. 6.</i> Amended to add a definition for "acceptable" and to renumber the definitions accordingly, to change the requirements for metallic materials, and to delete a referenced standard.
SANS 1273:2009 (SABS 1273:1979)	<i>Fasteners for roof and wall coverings in the form of sheeting.</i> Covers the material, dimensional, and mechanical strength requirements for 10 types of fasteners and 5 types of washers that are used in the building industry for the fixing of roof and wall coverings in the form of sheeting.
SANS 1404:2009 (SABS 1404:2002)	<i>Eye-protectors for industrial and non-industrial use.</i> Specifies the characteristics of personal eye-protectors for industrial and non-industrial use. Covers eye-protectors embodying afocal or prescription lenses or combinations of these. The hazards covered are impact, molten metals, hot solids, dusts, gases, liquids and any combination of these. For protection against harmful radiation, see SANS 1400, and for more information on oculars, see SANS 50169.
SANS 1547:2009 (Ed. 1.4)	<i>Traffic signal controllers. Consolidated edition incorporating amendment No. 4.</i> Amended to update a referenced standard, to move a reference to legislation to the foreword, and to correct the temperature for the cold test to read -10 degrees Celsius.

Standard No. and year	Title, scope and purport
SANS 1557:2009 (SABS 1557:2005)	<i>Sunscreen products.</i> Specifies requirements for primary and secondary sunscreen products, suitable for topical use, for the protection of human skin against the adverse effects of solar UVA and UVB rays, and provides a basis for the evaluation of sunscreen products in accordance with performance criteria. It also specifies requirements for the advertising and labelling of sunscreen products.
SANS 1900:2009 (Ed. 1.2)	<i>Monoplanar prefabricated timber rooftrusses (nail-plated).</i> Consolidated edition incorporating amendment No. 2. Amended to delete reference to the certification mark.
SANS 1928:2009/ ISO 1928:2009 (SABS ISO 1928:1995)	<i>Solid mineral fuels – Determination of gross calorific value by the bomb calorimetric method, and calculation of net calorific value.</i> Specifies a method for the determination of the gross calorific value of a solid mineral fuel at constant volume and at the reference temperature of 25 degrees Celsius in a bomb calorimeter calibrated by combustion of certified benzoic acid.
SANS 5550:2009 (SABS SM 550:1993)	<i>Potency of antibiotics – Microbiological agar diffusion method of assay (two-point technique).</i> Specifies a microbiological method for the determination of the potency of various antibiotics in pharmaceutical and other products by means of an agar diffusion two-point assay technique.
SANS 6508-1:2009/ ISO 6508-1:2005	<i>Metallic materials – Rockwell hardness test – Part 1: Test method (scales A, B, C, D, E, F, G, H, K, N, T).</i> Specifies the method for Rockwell and Rockwell superficial hardness tests for metallic materials.
SANS 7438:2009/ ISO 738:2005	<i>Metallic materials – Bend test.</i> Specifies a method for determining the ability of metallic materials to undergo plastics deformation in bending. Applies to test pieces taken from metallic products as specified in the relevant product standard. It is not applicable to certain materials or products, for example tubes in full section or welded joints, for which other standards exist.
SANS 7500-1:2009/ ISO 7500-1:2004	<i>Metallic materials – Verification of static uniaxial testing machines – Part 1: Tension/compression testing machines – Verification and calibration of the force-measuring system.</i> ISO corrigendum No. 1. Corrected to update the formulae in subclauses 6.4.6 and 6.5.3.
SANS 7619-1:2009/ ISO 7619-1:2004	<i>Rubber, vulcanized or thermoplastic – Determination of indentation hardness – Part 1: Durometer method (Shore hardness).</i> Specifies a method for determining the indentation hardness (Shore hardness) of vulcanized or thermoplastic rubber using durometers.
SANS 9798-2:2009/ ISO/IEC 9798-2:2008	<i>Information technology – Security techniques – Entity authentication – Part 2: Mechanisms using symmetric encipherment algorithms.</i> Specifies entity authentication mechanisms using symmetric encipherment algorithms. Uses time variant parameters such as time stamps, sequence numbers, or random numbers to prevent valid authentication information from being accepted at a later time or more than once.
SANS 10142-1:2009 (Ed. 1.7)	<i>The wiring of premises – Part 1: Low-voltage installations.</i> Consolidated edition incorporating amendment No. 7. Amended to change the current Certificate of Compliance (CoC) to a test report and to align references to the CoC in the text to refer to the test report.
SANS 11770-3:2009/ ISO/IEC 11770-3:2008	<i>Information technology – Security techniques – Key management – Part 3: Mechanisms using asymmetric techniques.</i> Defines key management mechanisms based on asymmetric cryptographic techniques and use of such techniques. Does not cover the implementations of the transformations used in the key management mechanisms.
SANS 14888-2:2009/ ISO/IEC 14888-2:2008	<i>Information technology – Security techniques – Digital signatures with appendix – Part 2: Integer factorization based mechanisms.</i> Specifies the digital signature with appendix, as no part of the message is recovered from the signature, the signed message consists of the signature and the whole message. Specifies digital signatures with appendix whose security is based on the difficulty of factoring the modulus in use.
SANS 15457-2:2009/ ISO/IEC 15457-2:2007	<i>Identification cards – Thin flexible cards – Part 2: Magnetic recording technique.</i> Specifies the magnetic stripe and encoding characteristics of thin flexible cards at two points in the card's life cycle, namely at the point of loading into the card-issuing equipment and at the point of issue to the public.
SANS 15457-3:2009/ ISO/IEC 15457-3:2008	<i>Identification cards – Thin flexible cards – Part 3: Test methods.</i> Specifies the test methods and procedures required to carry out measurements of the magnetic stripe and encoding characteristics of thin flexible cards. All test methods given herein, unless explicitly stated otherwise, apply to finished cards.
SANS 15693-2:2009/ ISO/IEC 15693-2:2006	<i>Identification cards – Contactless integrated circuit cards – Vicinity cards – Part 2: Air interface and initialization.</i> Specifies the nature and characteristics of the fields to be provided for power and bi-directional communications between vicinity coupling devices (VCDs) and vicinity cards (VICCs).
SANS 17604:2009/ ISO 17604:2003	<i>Microbiology of food and animal feeding stuffs – Carcass sampling for microbiological analysis.</i> ISO amendment No. 1. Amended to update the scope, and to add annex D.
SANS 50054-20:2009/ EN 54-20:2006	<i>Fire detection and fire alarm systems – Part 20: Aspirating smoke detectors.</i> Specifies the requirements, test methods and performance criteria for aspirating smoke detectors for use in fire detection and fire alarm systems installed in buildings.
SANS 60034-15:2009/ IEC 60034-15:2009	<i>Rotating electrical machines – Part 15: Impulse voltage withstand levels of form-wound stator coils for rotating a.c. machines.</i> Relates to a.c. machines incorporating form-wound stator coils. Specifies the test procedures and voltages to be applied to the main and interturn insulation of sample coils.
SANS 60079-1:2009/ IEC 60079-1:2007	<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. IEC corrigendum No. 1. Corrected to replace existing formula for explosion pressure.
SANS 60317-0-1:2009/ IEC 60317-0-1:2008	<i>Specifications for particular types of winding wires – Part 0-1: General requirements – Enamelled round copper wire.</i> Specifies the general requirements of enamelled round copper winding wires with or without a bonding layer.

Standard No. and year	Title, scope and purport
SANS 60335-2-34:2009/ IEC 60335-2-34:2009 (Ed. 4.2)	<i>Household and similar electrical appliances – Safety – Part 2-34: Particular requirements for motor-compressors. Consolidated edition incorporating amendment No. 2.</i> Amended to include electromagnetic phenomena that can affect the safe operation of appliances, to replace note 105 relating to motor-compressors, to add new definitions, to add subclauses to the general conditions for tests, classification and motor-compressors, to change the text on abnormal operations, construction and test pressure, and to add a referenced standard to the bibliography.
SANS 60335-2-45:2009/ IEC 60335-2-45:2008 (Ed. 3.1)	<i>Household and similar electrical appliances – Safety – Part 2-45: Particular requirements for portable heating tools and similar appliances. Consolidated edition incorporating amendment No. 1.</i> Amended to include electromagnetic phenomena that can affect safe operation, to define the scope with regard to challenged persons including children, to amend the requirements for clearances, creepage distances and solid insulation, to replace text in the bibliography, and to add a referenced standard.
SANS 60335-2-78:2009/ IEC 60335-2-78:2008 (Ed. 2.1)	<i>Household and similar electrical appliances – Safety – Part 2-78: Particular requirements for outdoor barbecues. Consolidated edition incorporating amendment No. 1.</i> Amended to include electromagnetic phenomena that can affect the safe operation of appliances, to define the scope with regard to challenged persons including children, and to add a referenced standard.
SANS 60745-2-11:2009/ ISO/IEC 60745-2-11:2008 (Ed. 2.1)	<i>Hand-held motor-operated electric tools – Safety – Part 2-11: Particular requirements for reciprocating saws (jig and sabre saws). Consolidated edition incorporating amendment No. 1.</i> Amended to cover the safety of jig and sabre saws, to change the terms and definitions, to change the text on marking and instructions, to add figures depicting the typical designs of jig and sabre saws, to replace the text on mechanical hazards, and to change annexes K and L.
SANS 60745-2-12:2009/ IEC 60745-2-12:2008 (Ed. 2.1)	<i>Hand-held motor-operated electric tools – Safety – Part 2-12: Particular requirements for concrete vibrators.</i> Amended to cover the safety of concrete vibrators, to change the text on concrete vibrators, moisture resistance, abnormal operation, mechanical strength, construction, supply connection and external flexible cords, and to change annexes K and L.
SANS 60794-2-40:2009/ IEC 60794-2-40:2008	<i>Optical fibre cables – Part 2-40: Indoor optical fibre cables – Family specification for A4 fibre cables.</i> Covers buffered A4 fibres and cabled A4 fibres for indoor use.
SANS 60851-3:2009/ IEC 60851-3:2009	<i>Winding wires – Test methods – Part 3: Mechanical properties.</i> Specifies the following methods of test for winding wires: Test 6: Elongation, Test 7: Springiness, Test 8: Flexibility and adherence, Test 11: Resistance to abrasion, and Test 18: Heat bonding.
SANS 61156-1:2009/ IEC 61156-1:2009 (Ed. 2.1)	<i>Multicore and symmetrical pair/quad cables for digital communications – Part 1: Generic specification. Consolidated edition incorporating amendment No. 1.</i> Amended to include the definitions and test methods, in support of MICE table in ISO 24702, and new cable categories 6A and 7A. Also to include definitions in support of Power over Ethernet Plus (PoEP).
SANS 61280-2-2:2009/ IEC 61280-2-2:2008	<i>Fibre optic communication subsystem test procedures – Part 2-2: Digital systems – Optical eye pattern, waveform and extinction ratio measurement.</i> Describes a test procedure to measure the eye pattern and waveform parameters such as rise time, fall time, overshoot, and extinction ratio.

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 5012:1987	<i>Sodium chloride and total chloride content of solutions.</i>
SANS 5016:1975	<i>Arsenic in pharmaceutical products, limit test.</i>
SANS 5386:1987	<i>Potassium in solutions, detection.</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.