

No. 126

16 February 2007

### 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 406:2006	<b>Coal and coke - Analysis and testing - Determination of trace elements - Guide to the determination of trace elements.</b> Compares methods used for the determination of trace elements in coal and coal ash. The trace elements include: arsenic, beryllium, boron, cadmium, chlorine, chromium, cobalt, copper, fluorine, lead, manganese, mercury, nickel, selenium and zinc. Also included are vanadium and molybdenum.
SANS 409:2006	<b>Coal and coke - Analysis and testing - Determination of trace elements - Coal, coke and fly-ash - Determination of eleven trace elements - Flame atomic absorption spectrometric method.</b> Sets out a method for the preparation of the ash and a flame atomic absorption spectrometric method for the determination of barium, beryllium, chromium, copper, lead, lithium, manganese, nickel, strontium, vanadium and zinc in ash prepared in the laboratory from higher rank coal, coke and fly-ash. The standard also provides an optional flame atomic emission spectrometric method for the determination of barium, as it gives improved sensitivity over flame atomic absorption spectrometry and it is not possible to determine barium by the latter technique with some instruments.
SANS 428:2006	<b>Fire performance classification of thermal insulated building envelope systems.</b> Covers the fire safety evaluation requirements for thermal insulated building envelopes, such as under-roof and side-cladding insulating materials, liners, insulated wall and roof panels, insulated ceilings and insulated wall and ceiling coating systems.
SANS 8144-1:2006/ ISO 8144-1:1995	<b>Thermal insulation - Mineral wool mats for ventilated roof spaces - Part 1: Specification for applications with restricted ventilation.</b> Specifies the properties and acceptable tolerances for bonded man-made mineral wool thermal insulating mats (batts and rolls). The mats specified are for use within ventilated roof spaces of buildings where the essential ventilation of the roof space may be restricted if the thickness recovery of the insulation is excessive. They may be supplied flat, folded or in the form of a roll. The properties to be declared by the manufacturer at the time of delivery are specified, as are some test methods for the determination of these properties. Essentially, mats do not change their properties and are dimensionally stable for the temperature and humidity conditions within a ventilated roof. Mats may be supplied with a factory-applied facing, but facings are not covered by this standard.
SANS 10014:2006/ ISO 10014:2006	<b>Quality management - Guidelines for realizing financial and economic benefits.</b> Provides guidelines for realizing financial and economic benefits from the application of the ISO 9000 quality management principles (published in South Africa as an identical adoption under the designation SANS 9000). It is directed to top management of an organization and complements ISO 9004 for performance improvements (published in South Africa as an identical adoption under the designation SANS 9004). It provides examples of achievable benefits and identifies management methods and tools that are available to assist with the achievement of those benefits. It consists of guidelines and recommendations, and is not intended for certification, regulatory or contractual use.
SANS 10177-8:2006	<b>Fire testing of materials, components and elements used in buildings - Part 8: Surface burning characteristics of building materials.</b> Describes a method for assessing the response of building materials to heat under controlled conditions.
SANS 10177-9:2006	<b>Fire testing of materials, components and elements used in buildings - Part 9: Small-scale burning characteristics of building materials: ignition, flame spread and heat contribution.</b> Covers the method of test used to determine the basic fire properties of insulation materials, components and elements used for roofs, ceilings and as side cladding (the ease of ignition, the extent of flame spread and heat contribution by the respective material) when exposed to a small ignition source under controlled conditions. It is also used to evaluate materials for their intended applications.
SANS 10177-10:2006	<b>Fire testing of materials, components and elements used in buildings - Part 10: Surface burning characteristics of building materials using the inverted channel tunnel test.</b> Covers the method of test used to determine the fire propagation properties of under-roof materials and side-cladding materials using the inverted channel tunnel test. It is also used to evaluate materials for their intended applications.
SANS 10177-11:2006	<b>Fire testing of materials, components and elements used in buildings - Part 11: Large-scale fire performance evaluation of building envelope thermal insulation systems (with or without sprinklers).</b> Covers the performance evaluation of the surface fire propagation properties of a simulated installation of thermal insulated building envelopes (under-roof and side-cladding insulation materials) as would be the case in practice under real fire exposure and under controlled conditions.

Standard No. and year	Title, scope and purport
SANS 14025:2006/ ISO 14025:2006	Environmental labels and declarations – Type III environmental declarations – Principles and procedures. Establishes the principles and specifies the procedures for developing Type III environmental declaration programmes and Type III environmental declarations. It specifically establishes the use of the ISO 14040 series of standards (published in South Africa as identical adoptions under the designation SANS 14040 series) in the development of Type III environmental declaration programmes and Type III environmental declarations.
SANS 14044:2006/ ISO 14044:2006	Environmental management – Life cycle assessment – Requirements and guidelines. Specifies requirements and provides guidelines for life cycle assessment (LCA) including: the goal and scope definition of the LCA, the life cycle inventory analysis (LCI) phase, the life cycle impact assessment (LCIA) phase, the life cycle interpretation phase, reporting and critical review of the LCA, limitations of the LCA, relationship between the LCA phases, and conditions for use of value choices and optional elements. Also covers life cycle assessment (LCA) studies and life cycle inventory (LCI) studies. It is not intended for contractual or regulatory purposes or registration and certification.
SANS 14063:2006/ ISO 14063:2006	Environmental management – Environmental communication – Guidelines and examples. Gives guidance to an organization on general principles, policy, strategy and activities relating to both internal and external environmental communication. It utilizes proven and well established approaches for communication, adapted to the specific conditions that exist in environmental communication. It is applicable to all organizations regardless of their size, type, location, structure, activities, products and services, and whether or not they have an environmental management system in place. Is not intended for certification or registration purposes or for the establishment of any other environmental management system conformity requirements. It can be used in combination with any of the ISO 14000 series (published in South Africa as identical adoptions under the designation SANS 14000 series) of standards, or on its own.
SANS 17021:2006/ ISO 17021:2006	Conformity assessment – Requirements for bodies providing audit and certification of management systems. Provides principles and requirements for the competence, consistency and impartiality of the audit and certification of management systems of all types (e.g. quality management systems or environmental management systems) and for bodies providing these activities. Certification bodies operating to this standard need not offer all types of management system certification.
SANS 19796-1:2006/ ISO/IEC 19796-1:2005	Information technology – Learning, education and training – Quality management, assurance and metrics – Part I: General approach. Provides a common framework to describe, specify, and understand critical properties, characteristics, and metrics of quality. It harmonizes existing concepts, specifications, terms, and definitions for learning, education, and training.
SANS 29001:2006/ ISO/TS 29001:2003	Petroleum, petrochemical and natural gas industries – Sector-specific quality management systems – Requirements for product and service supply organizations. Specifies requirements for a quality management system where an organization needs to demonstrate its ability to consistently provide product that meets customer and applicable regulatory requirements and aims to enhance customer satisfaction through the effective application of the system, including processes for continual improvement of the system and the assurance of conformity to customer and applicable regulatory requirements. Defines the quality management system requirements for the design, development, production, installation and service of products for the petroleum, petrochemical and natural gas industries.

## 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 163-1:1992/ ISO 10304-1:1992	Water quality – Determination of dissolved fluoride, chloride, nitrite, orthophosphate, bromide, nitrate and sulfate ions, using liquid chromatography of ions – Part I: Method for water with low contamination. National amendment No. 1. Amended to change the designation from SABS to SANS, with no technical changes.
SANS 163-2:1995/ ISO 10304-2:1995	Water quality – Determination of dissolved anions by liquid chromatography of ions – Part 2: Determination of bromide, chloride, nitrate, nitrite, orthophosphate and sulfate in waste water. National amendment No. 1. Amended to change the designation from SABS to SANS, with no technical changes.
SANS 891:2006 (Ed. 3.1)	Reference ballasts for class B fluorescent lamps. Consolidated edition incorporating amendment No. 1. Amended to change the designation from SABS to SANS, with no technical changes.
SANS 998:2006 (Ed. 1.2)	Stainless steelware for domestic and general use. Consolidated edition incorporating amendment No. 2. Amended to add requirements for aluminium, update the definition for "acceptable", delete reference to steel grades for non-welded and welded articles, delete grade (AISI 302), add a general classification and grade in table 1, add a requirement for stainless steel surface finish to the notes to purchasers, delete the footnote on obtaining information on finishes of stainless steel, clarify the requirements for marking, change the footnote on sampling to a note and update referenced standards.
SANS 1047:2006 (Ed. 2.2)	Motor vehicle safety specification: Interior fittings (passenger cars) (Incorporating EEC Directive 74/60 "Interior fittings of motor vehicles" and the amending EEC Directive 78/632, with modifications). Consolidated edition incorporating amendment No. 2. Amended to change the designation from SABS to SANS, with no technical changes.
SANS 1381-1:2006 (SABS 1381-1:1993)	Materials for thermal insulation of buildings – Part 1: Fibre thermal insulation mats. Covers fibrous insulation (flexible or rigid), that may be supplied as mats or batts. Typical examples of this product are mineral fibre (such as rock wool, glass wool), synthetic fibre, such as polyester fibre, and natural fibres, such as wool. Materials of this type usually exhibit substantial variation in density, thickness, resiliency and thickness regain, after compressed packaging, and are therefore not considered as pre-formed shapes. The fibrous mats or batts can be supplied with or without membrane covering(s). The membrane covering(s) can be reflective.

Standard No. and year	Title, scope and purport
SANS 1475-1:2006 (Ed. 3.3)	<b>The production of reconditioned fire-fighting equipment – Part 1: Portable and wheeled (mobile) rechargeable fire extinguishers. Consolidated edition incorporating amendment No. 3.</b> Amended to clarify the definition of "registering authority" and the responsibilities of the registered trainee, to redefine expellants, to add a warning regarding the refilling of foam extinguishers, to change the general procedure applicable to all types of extinguisher, to change the requirements for the re-coating of aluminium cylinders, to clarify the servicing requirements for halon extinguishers, to change the requirements for the rejection of cylinders, to clarify the category of extinguishers subject to pressure testing in terms of this standard and the duration of the testing, to delete the reference to record keeping by the reconditioning organization, and to clarify the type of gas cartridge extinguishers allowed to be serviced.
SANS 1497:2006 (SABS 1497:1989)	<b>Biocides for use in industrial cooling water.</b> Covers three types of organic biocides (liquid, paste or solid) that are intended for the control of micro-organisms in industrial cooling systems that have clean surfaces.
SANS 1529-1:2006 (Ed. 2.3)	<b>Water meters for cold potable water – Part 1: Metrological characteristics of mechanical water meters of nominal bore not exceeding 100 mm. Consolidated edition incorporating amendment No. 3.</b> Amended to update the list of parts of the standard, to add a definition, delete a definition and clarify a definition, remove reference to the Director of Trade Metrology, clarify requirements for identification of the type of plastics material used for water meter bodies, change the requirements for test magnets, make provision for a reduced verification flow rate, clarify the possibility of setting verification periods for the re-verification of water meters, and to add an additional screening test to check for compliance of water meters with plastics bodies.
SANS 1545-1:2006 (Ed. 3.2)	<b>Safety rules for the construction and installation of lifts – Part 1: Electric lifts. Consolidated edition incorporating amendment No. 2.</b> Amended to update referenced standards, to change the item on declaration (item 25) in the annex on forms for electric lifts (annex A), and to change the items on premises (item 1), condition of lift (item 4), and declaration (item 6) in, the annex on comprehensive report for electric lifts (annex B).
SANS 1545-3:2006 (Ed. 1.3)	<b>Safety rules for the construction and installation of lifts – Part 3: Lifts for persons with disabilities (stairlifting platforms). Consolidated edition incorporating amendment No. 3.</b> Amended to change the title, to update referenced standards, to modify the annexes on certificate of tests and examination after installation (annex A) and in-use periodic examinations, tests and servicing (annex E).
SANS 1545-6:2006 (Ed. 1.1)	<b>Safety rules for the construction and installation of lifts – Part 6: Rack-and-pinion lifts. Consolidated edition incorporating amendment No. 1.</b> Amended to update referenced standards, to delete reference to South African legislation in the body of the text, and to modify an annex on comprehensive report for rack and pinion lifts (annex O).
SANS 1561-1:2006 (SABS 1561-1:1992)	<b>Rewound and refurbished rotating electrical machines – Part 1: Low-voltage three-phase induction motors.</b> Specifies the characteristics of low-voltage three-phase alternating-current induction motors of the cage and wound rotor (slip-ring) types that are to be refurbished and, if applicable, rewind. The maximum rated output of a motor is 800 kW for rated voltages not exceeding 1 100 V between phases. The level of insulation is at least class B for existing windings of refurbished motors and at least class F for motors that are rewind.
SANS 1599-1:2006 (Ed. 1.4)	<b>Cranes – Part 1: Cantilever/Slewing jib cranes. Consolidated edition incorporating amendment No. 4.</b> Amended to update a referenced standard, and to delete reference to South African legislation in the body of the text.
SANS 1749:2006 (Ed. 1.1)	<b>Glass-reinforced polyester (GRP) poles. Consolidated edition incorporating amendment No. 1.</b> Amended to change the designation of SABS standards to SANS standards, to update referenced standards, and to update the definition of "acceptable".
SANS 3452-3:1998/ ISO 3452-3:1998	<b>Non-destructive testing - Penetrant testing – Part 3: Reference test blocks. National amendment No. 1.</b> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 3696:1987/ ISO 3696:1987	<b>Water for analytical laboratory use – Specification and test methods. National amendment No. 1.</b> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 5667-5:2006/ ISO 5667-5:2006 (SANS 5667-5:1991)	<b>Water quality – Sampling – Part 5: Guidance on sampling of drinking water from treatment works and piped distribution systems.</b> Establishes principles to be applied to the techniques of sampling water intended for human consumption, where water is drawn from municipal or similar distribution systems (including individual systems) where either prior treatment or quality assessment (or both) has resulted in the water being classified as suitable for drinking or potable process purposes. It is specifically applicable to water that is in continuous supply relative to any stage of use up to and including the point of consumption in a distribution system. This includes distribution within large buildings in which additional water quality management might be applicable. It is also applicable to sampling situations that can arise relative to the investigation of system defects or emergency situations where the safety of sampling operatives is not compromised.
SANS 5682:2006 (Ed. 2.1)	<b>Efficacy of algacides. Consolidated edition incorporating amendment No. 1.</b> Amended to change the designation of SABS standards to SANS standards, to stipulate the temperature limits for autoclaving, and to clarify the formula for the average specific growth rate (Uav).
SANS 5831:2006 (SABS SM 831:1976)	<b>Presence of chlorides in aggregates.</b> Specifies a method for determining the presence of chloride in aggregates.
SANS 5832:2006 (SABS SM 832:1976)	<b>Organic impurities in fine aggregates (limit test).</b> Specifies a method for the determination of the organic impurities in fine aggregates (limit test).
SANS 5835:2006 (Ed. 2.1)	<b>Estimation of the effect of fine aggregate on the water requirement of concrete. Consolidated edition incorporating amendment No. 1.</b> Amended to change the designation of SABS standards to SANS standards and to update the referenced standards.

Standard No. and year	Title, scope and purport
SANS 6142:2006 (SABS SM 1142:1989)	<i>Permitted explosives: Continuity of detonation.</i> Method for the determination of the continuity of detonation of permitted explosives
SANS 6146:2006 (SABS SM 1146:1989)	<i>Permitted explosives: Water resistance.</i> Method for the determination of the water resistance of permitted explosives
SANS 6147:2006 (SABS SM 1147:1989)	<i>Permitted explosives: Gap sensitivity.</i> Method for the determination of the gap sensitivity of permitted explosives.
SANS 6148:2006 (SABS SM 1148:1989)	<i>Permitted explosives: Low temperature sensitivity.</i> Method for the determination of the low temperature sensitivity of permitted explosives.
SANS 6149:2006 (SABS SM 1149:1989)	<i>Permitted explosives: Density.</i> Method for the determination of the density of permitted explosives.
SANS 6250:2006 (Ed. 1.1)	<i>Concrete tests – Density of compacted freshly mixed concrete. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, with no technical changes.
SANS 6251:2006 (Ed. 1.1)	<i>Concrete tests – Density of hardened concrete. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, with no technical changes.
SANS 6252:2006 (Ed. 1.1)	<i>Concrete tests – Air content of freshly mixed concrete – Pressure method. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, with no technical changes.
SANS 6253:2006 (Ed. 1.1)	<i>Concrete tests – Tensile splitting strength of concrete. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to update a referenced standard.
SANS 6254:2006 (Ed. 1.1)	<i>Mortar tests – Initial drying shrinkage and wetting expansion of mortar. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, with no technical changes.
SANS 6297:2006 (Ed. 1.1)	<i>Lime tests – Free water content of slaked lime. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, with no technical changes
SANS 6302:2006 (Ed. 1.1)	<i>Lime tests – General expansion. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, with no technical changes
SANS 6307:2006 (Ed. 1.1)	<i>Lime tests – Plasticity. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, with no technical changes
SANS 6878:2006/ ISO 6878:2004 (SABS ISO 6878:1998)	<i>Water quality – Determination of phosphorus – Ammonium molybdate spectrometric method</i> Specifies methods suitable for the determination of orthophosphates, orthophosphate after solvent extraction, hydrolysable phosphate plus orthophosphate, and total phosphorus after decomposition in all kinds of water including seawater and effluents. Phosphorus concentrations within the range of 0,005 mg/L to 0,8 mg/L may be determined in such samples
SANS 10087-6:2006 (Ed. 4.1)	<i>The handling, storage, distribution and maintenance of liquefied petroleum gas in domestic, commercial, and industrial installations – Part 6: The application of liquefied petroleum and compressed natural gases as engine fuels for internal combustion engines. Consolidated edition incorporating amendment No. 1.</i> Amended to update the general title, the foreword and referenced standards, to update maintenance requirements for the vehicle, to include training requirements and a checklist for the driver and filler of the vehicle, and to include requirements regarding the compatibility of gas components used on converted vehicles.
SANS 10087-10:2006 (Ed. 1.1)	<i>The handling, storage, distribution and maintenance of liquefied petroleum gas in domestic, commercial and industrial installations – Part 10: Mobile filling stations for refillable liquefied petroleum gas (LPG) containers of capacity not exceeding 9 kg. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to change the title and to update the list of parts in the foreword.
SANS 10182:2006 (Ed. 2.2)	<i>The measurement and assessment of acoustic environments for audiometric tests. Consolidated edition incorporating amendment No. 2.</i> Amended to replace references to SANS 10259 with SANS 17025.
SANS 10267:2006 (Ed. 3.1)	<i>Homologation of motor vehicle models. Consolidated edition incorporating amendment No. 1.</i> Amended to change the definitions for “homologation” and “model of category M and N vehicles”, and certain requirements for the homologation procedure.
SANS 14040:2006/ ISO 14040:2006 (SABS ISO 14040:1997)	<i>Environmental management – Life cycle assessment – Principles and framework</i> Describes the principles and framework for life cycle assessment (LCA) including: the goal and scope definition of the LCA, the life cycle inventory analysis (LCI) phase, the life cycle impact assessment (LCIA) phase, the life cycle interpretation phase, reporting and critical review of the LCA, limitations of the LCA, relationship between the LCA phases, and conditions for use of value choices and optional elements. Also covers life cycle assessment (LCA) studies and life cycle inventory (LCI) studies. It does not describe the LCA technique in detail, nor does it specify methodologies for the individual phases of the LCA.
SANS 16590:2000/ ISO 16590:2000	<i>Water quality – Determination of mercury – Methods involving enrichment by amalgamation. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 17246:2006/ ISO 17246:2005	<i>Coal – Proximate analysis. ISO corrigendum No. 1.</i> Amended to remove the date and time of sampling from the test report.
SANS 17247:2006/ ISO 17247:2005	<i>Coal – Ultimate analysis. ISO corrigendum No. 1.</i> Amended to remove the date and time of sampling from the test report.

Standard No. and year	Title, scope and purport
SANS 20014:2006/ ECE R14:2006 (SABS ECE R14:1992)	<i>Uniform provisions concerning the approval of vehicles with regard to safety-belt anchorages, isofix anchorages systems and isofix top tether anchorages.</i> Applies to anchorages for safety-belts intended for adult occupants of forward-facing or rearward-facing seats in vehicles of categories M and N. Also applies to <b>ISOFIX</b> anchorages systems and <b>ISOFIX</b> top tether anchorages intended for <b>ISOFIX</b> child restraint systems installed in vehicles of category M <sub>1</sub> , and to vehicles of category N <sub>1</sub> fitted with <b>ISOFIX</b> anchorages.
SANS 20036:2004/ ECE R36:2002	<i>Uniform provisions concerning the approval of large passenger vehicles with regard to their general construction.</i> ECE amendment No. 3. Amended to add a requirement for the application for approval, and to change requirements on specifications (5.6.1.6 and 5.6.10.9). ECE amendment No. 4. Amended to change requirements on specifications (5.7.8.5.1 and 5.7.8.5.2), and to change figure 6 and a title in figure 8 in the annex on explanatory notes (annex 3). ECE amendment No. 5. Amended to change a requirement on specifications (5.6.1.3).
SANS 20067:2006/ ECE R67:2006 (SANS 20067:2004)	<i>Uniform provisions concerning I. approval of specific equipment of motor vehicles using liquefied petroleum gases in their propulsion system; II. approval of a vehicle fitted with specific equipment for the use of liquefied petroleum gases in its propulsion system with regard to the installation of such equipment.</i> Covers the provisions for the specific equipment of motor vehicles using liquefied petroleum gases in their propulsion system and provisions for the installation of such equipment. ECE corrigendum No. 1. Corrected to change a reference in a subclause on specific provisions regarding the heavy duty vehicle Euro filling unit (6.15.10.7.3).
SANS 20107:2006/ ECE R107:2004 (SANS 20107:2004)	<i>Uniform provisions concerning the approval of category M<sub>2</sub> or M<sub>3</sub> vehicles with regard to their general construction.</i> Applies to every single-deck, double-deck, rigid or articulated vehicle of category M <sub>2</sub> or M <sub>3</sub> . However, the requirements do not apply to the following vehicles: vehicles designed for the secure transport of persons, for example prisoners; vehicles specially designed for the carriage of injured or sick persons (ambulances); off-road vehicles; vehicles specially designed for the carriage of schoolchildren. The requirements apply to the following vehicles only to the extent that they are compatible with their intended use and function: vehicles designed for use by police, security and armed forces; vehicles which contain seating intended solely for use when the vehicle is stationary, but which are not designed to carry more than 8 persons (excluding the driver) when in motion. Examples of these include mobile libraries, mobile churches and mobile hospitality units. The seats in such vehicles which are designated for use when the vehicle is in motion must be clearly identified to users. ECE corrigendum No. 1. Corrected to change the title to read "Uniform provisions concerning the approval of category M <sub>2</sub> or M <sub>3</sub> vehicles with regard to their general construction". ECE corrigendum No. 2. Corrected to change a reference in the text.
SANS 50572-1:2006/ EN 572-1:2004 (SABS EN 572-1:1994)	<i>Glass in building – Basic soda lime silicate glass products – Part 1: Definitions and general physical and mechanical properties.</i> Defines and classifies basic glass products, indicates their chemical composition, their main physical and mechanical characteristics and defines their general quality criteria.
SANS 50572-2:2006/ EN 572-2:2004 (SABS EN 572-2:1994)	<i>Glass in building – Basic soda lime silicate glass products – Part 2: Float glass.</i> Specifies dimensional and minimum quality requirements (in respect of optical and visual faults) for float glass, as defined in SANS 50572-1, for use in building. Applies only to float glass supplied in jumbo sizes and split sizes.
SANS 50572-3:2006/ EN 572-3:2004 (SABS EN 572-3:1994)	<i>Glass in building – Basic soda lime silicate glass products – Part 3: Polished wire glass.</i> Specifies dimensional and minimum quality requirements (in respect of optical, visual and wire faults) for polished wire glass, as defined in SANS 50572-1, for use in building. Applies only to polished wire glass supplied in rectangular panes and in stock sizes.
SANS 50572-4:2006/ EN 572-4:2004 (SABS EN 572-4:1994)	<i>Glass in building – Basic soda lime silicate glass products – Part 4: Drawn sheet glass.</i> Specifies dimensional and minimum quality requirements (in respect of optical and visual faults) for drawn sheet glass, as defined in SANS 50572-1, for use in building. Applies only to drawn sheet glass supplied in rectangular panes and in stock sizes.
SANS 50572-5:2006/ EN 572-5:2004 (SABS EN 572-5:1994)	<i>Glass in building – Basic soda lime silicate glass products – Part 5: Patterned glass.</i> Specifies dimensional and minimum quality requirements (in respect of visual and pattern faults) for patterned glass, as defined in SANS 50572-1, for use in building. It applies only to patterned glass supplied in rectangular panes and in stock sizes.
SANS 60309-1:2006/ IEC 60309-1:2005 (Ed. 3.1)	<i>Plugs, socket-outlets and couplers for industrial purposes – Part 1: General requirements. Consolidated edition incorporating amendment No. 1.</i> Amended to include screwless and insulation-piercing terminals, to add general requirements, general notes on test and standard ratings, and to change requirements for marking, for dimensions and for the size of connectable conductors with regard to the provision for earthing.
SANS 60309-2:2006/ IEC 60309-2:2005 (Ed. 3.1)	<i>Plugs, socket-outlets and couplers for industrial purposes – Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories. Consolidated edition incorporating amendment No. 1.</i> Amended to include accessories with screwless and insulation-piercing terminals, to add standard IF ratings and requirements for special application accessories with rated voltage not exceeding 50 V, and for terminals and terminations.
SANS 60335-2-77:2006/ IEC 60335-2-77:1996 (Ed. 1.1)	<i>Safety of household and similar electrical appliances – Part 2-77: Particular requirements for pedestrian controlled mains-operated lawnmowers. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60335-2-96:2006/ IEC 60335-2-96:2005 (Ed. 1.1)	<i>Household and similar electrical appliances – Safety – Part 2-96: Particular requirements for flexible sheet heating elements for room heating. Consolidated edition incorporating amendment No. 1.</i> Amended to add normative references, definitions and text and to add new figures.
SANS 60439-2:2006/ IEC 60439-2:2005 (Ed. 2.1)	<i>Low-voltage switchgear and controlgear assemblies – Part 2: Particular requirements for busbar trunking systems (busways). Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, to add a special service condition and EMC tests to the list of type tests, to change the requirements for the resistance of insulating materials to abnormal heat, the temperature-rise test, the thermal cycling test, and the verification of short-circuit withstand strength.

Standard No. and year	Title, scope and purport
SANS 60439-5:2006/ IEC 60439-5:2006 (SABS IEC 60439-5:1998)	<i>Low-voltage switchgear and controlgear assemblies – Part 5: Particular requirements for assemblies for power distribution in public networks.</i> Gives supplementary requirements for substation cable distribution boards and cable distribution cabinets, which are stationary, type-tested assemblies (TTA) for outdoor installation in places which are exposed to the public, but where <b>only</b> skilled persons have access for their use.
SANS 60529:2001/ IEC 60529:2001 (Ed. 1.1)	<i>Degrees of protection provided by enclosures (IP Code). National amendment No. 3.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 60884-1:2006/ IEC 60884-1:2006 (Ed. 2.1)	<i>Plugs and socket-outlets for household and similar purposes – Part 1: General requirements. Consolidated edition incorporating amendment No. 1.</i> Amended to <b>replace</b> definitions, to change requirements for the construction of plugs and portable socket-outlets, the force necessary to withdraw the plug, flexible cables and their connections, mechanical strength and resistance to heat; to add requirements for marking, resistance to ageing and temperature rise; to add tests on pins provided with insulating sleeves, new figures on test procedures for normal operation and for a clamping unit for the temperature rise test, and a new annex on alternative gripping tests.
SANS 61008-1:2006/ IEC 61008-1:2006 (Ed. 2.2)	<i>Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) – Part 1: General rules. Consolidated edition incorporating amendment No. 2.</i> Amended to add normative references, definitions, preferred values of rated voltage, a marking requirement, dimensions for the 25 mm <sup>2</sup> (square millimetres) to 50 mm <sup>2</sup> (square millimetres) stranded conductors, requirements for the mechanism of multi-pole RCCBs, to introduce an environment with pollution degree <b>2</b> , and to change the requirements for clearances and creepage distances, and for rated impulse withstand voltage.
SANS 61241-2-2:1993/ IEC 61241-2-2:1993	<i>Electrical apparatus for use in the presence of combustible dust – Part 2: Test methods – Section 2: Method for determining the electrical resistivity of dust in layers. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.
SANS 61241-2-3:1994/ IEC 61241-2-3:1994	<i>Electrical apparatus for use in the presence of combustible dust – Part 2: Test methods – Section 3: Method for determining minimum ignition energy of dust/air mixtures. National amendment No. 1.</i> Amended to change the designation from SABS to SANS, with no technical changes.

Standard No. and year	Title
SANS 1358:1982	<i>Rail track jacks.</i>
SANS 3383:2003	<i>Rubber – General directions for achieving elevated or subnormal temperatures for test purposes.</i>
SANS 4648:2003	<i>Rubber, vulcanized or thermoplastic – Determination of dimensions of test pieces and products for test purposes.</i>
SANS 4661-1:2003	<i>Rubber, vulcanized or thermoplastic – Preparation of samples and test pieces – Part 1: Physical tests.</i>
SANS 5603:1915	<i>Frangibility of, and air leaks in, plastics containers for medical use.</i>
SANS 5604:1975	<i>Strength of plastics containers for intravenous solutions.</i>
SANS 5605:1984	<i>Water permeability of plastics containers for medical use.</i>
SANS 5606:1975	<i>Impermeability to micro-organisms of plastics containers for medical use.</i>
SANS 60298:1990	<i>A.C. metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV.</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 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, Willows, 9320.