

No. 527

10 June 2005

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 Schedule 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 322:2005	<i>Fire detection and alarm systems for hospitals. Provides guidance on the design and installation of fire detection and alarm systems in hospitals, including the modification to existing fire alarm systems required by alteration or extensions to existing hospitals.</i>
SANS 350-1:2005/ ISO 1132-1:2000	<i>Rolling bearings – Tolerances – Part 1: Terms and definitions. Defines terms used to specify tolerances for boundary dimensions, geometrical accuracy and internal clearance for rolling bearings. Specifies general conditions under which these tolerances apply and gives symbols for a number of the concepts defined.</i>
SANS 356:2005/ ISO 492:2002	<i>Rolling bearings – Radial bearings – Tolerances. Specifies tolerances for boundary dimensions (except chamfer dimensions) and the running accuracy of radial rolling bearings specified in ISO 28, ISO 8443 and SANS 355.</i>
SANS 358:2005/ ISO 1224:1984	<i>Rolling bearings – Instrument precision bearings. Specifies the characteristics that define instrument precision rolling bearings, their types, boundary dimensions, tolerances and internal clearance, classifications used for selective assembly, torque definitions and test conditions, and limitations of bearing yield rates.</i>
SANS 365:2005/ ISO 6279:1979	<i>Plain bearings – Aluminium alloy for solid bearings. Specifies the composition and Properties of a cast aluminium alloy for use in solid plain bearings.</i>
SANS 366:2005/ ISO 6280:1981	<i>Plain bearings – Requirements on backings for thick-walled multilayer bearings. Serves as a guide to obtain the optimum bond between backing and bearing metal for thick-walled multilayer plain bearings.</i>
SANS 367:2005/ ISO 6282:1983	<i>Plain bearings – Metallic thin-walled half bearings – Determination of the $\sigma_{0.01}$ limit. Specifies a method of determining the $\sigma_{0.01}$ limit for the steel backing of thin-walled multilayer half bearings for bearing diameters up to 80 mm.</i>
SANS 429:2005/ ISO/TR 6281:1990	<i>Plain bearings – Testing under conditions of hydrodynamic and mixed lubrication in test rigs – Guidelines. Establishes guidelines for the testing of oil-lubricated plain bearings without flange in bearing test rigs, running under conditions of full hydrodynamic lubrication and mixed lubrication, where the load is carried to a greater or lesser extent by mechanical contact.</i>
SANS 868-1-1:2005	<i>Compression-ignition engine systems and machines powered by such engine systems, for use in mines and plants with explosive gas atmospheres or explosive dust atmospheres or both – Part 1-1: Hazardous locations in underground mines – Basic explosion protected engines. Specifies constructional and performance requirements for basic explosion protected engines for use in hazardous locations in underground mines and works. It facilitates the repair of the engine as a specialized activity. Specific provision is made for group I explosive atmospheres, involving flammable gases (e.g. methane) in all underground mines and coal dust in underground coal mines.</i>
SANS 868-1-2:2005	<i>Compression-ignition engine systems and machines powered by such engine systems, for use in mines and plants with explosive gas atmospheres or explosive dust atmospheres or both – Part 1-2: Hazardous locations in underground mines – Explosion protected engine systems. Specifies constructional and performance requirements for explosion protected compression-ignition engine systems for use in hazardous locations in underground mines.</i>
SANS 868-1-3:2005	<i>Compression-ignition engine systems and machines powered by such engine systems, for use in mines and plants with explosive gas atmospheres or explosive dust atmospheres or both – Part 1-3: Hazardous locations in underground mines – Machines. Specifies constructional and performance requirements for machines fitted with explosion protected compression-ignition engine systems, for use in hazardous locations in underground mines and works.</i>

Standard No. and year	Title, scope and purport
SANS 8684:2005	<i>Compression-ignition engine systems and machines powered by such engine systems, for use in mines and plants with explosive gas atmospheres or explosivedust atmospheres or both – Part 4: Non-hazardous locations in underground coal mines. Specifies constructional and performance requirements for commercial transport vehicles for use in non-hazardous locations in underground mines. The main purpose of this standard is to allow the introduction of commercial vehicles, adapted to prevent them from being a fire hazard, while retaining their excellent driving safety features. Production vehicles are excluded from this standard, and are addressed in the relevant parts of SANS 868-1.</i>
SANS 1748-2:2005	<i>Glass-fibre-reinforced thermosetting plastics (GRP) pipes – Part 2: Pipes, fittings and joint assemblies for the conveyance of hazardous chemical substances in industrial applications. Specifies requirements for pipes, fittings and joint assemblies manufactured from glass-fibre-reinforced thermosetting resins, for use in industrial applications involving the conveyance of hazardous chemical substances in liquid or gaseous form, and where the product of maximum allowable pressure (PS) and nominal diameter (DN) does not exceed the value of 6 000. Covers lined and dined systems. Does not cover pipes, fittings and joint assemblies for the conveyance of steam or steam condensates, pipes of ribbed construction, or systems for which the main design feature is stiffness.</i>
SANS 2566-1:2005/ ISO 2566-1:1984	<i>Steel – Conversion of elongation values – Part 1: Carbon and low alloy steels. Specifies a method of converting room temperature percentage elongations after fracture obtained on various proportional and non-proportional gauge lengths to other gauge lengths.</i>
SANS 2795:2005/ ISO 2795:1991	<i>Plain bearings – Sintered bushes – Dimensions and tolerances. Specifies dimensions and tolerances applicable to sintered bearings for specific ranges of inside diameters.</i>
SANS 3096:2005/ ISO 3096:1996	<i>Rolling bearings – Needle rollers – Dimensions and tolerances. Specifies dimensions and tolerances for finished steel needle rollers used as rolling elements.</i>
SANS 3228:2005/ ISO 3228:1993	<i>Rolling bearings – Cast and pressed housings for insert bearings. Specifies boundary dimensions and tolerances for cast and pressed housings for insert bearings for which boundary dimensions are given in SANS 9628.</i>
SANS 3548:2005/ ISO 3548:1999	<i>Plain bearings – Thin-walled half bearings with or without flange – Tolerances, design features and methods of test. Specifies tolerances, design features and test methods for thin-walled half bearings with integral flange up to an outside diameter of D_0 of 250 mm and without flange up to an outside diameter of D_0 of 500 mm.</i>
SANS 4378-1:2005/ ISO 4378-1:1997	<i>Plain bearings – Terms, definitions and classification – Part 1: Design, bearing materials and their properties. Gives the commonly used terms for plain bearings with their definitions and classification.</i>
SANS 4378-2:2005/ ISO 4378-2:1983	<i>Plain bearings – Terms, definitions and classification – Part 2: Friction and wear. Gives the commonly used terms applied to friction and wear of plain bearings, their definitions and classification.</i>
SANS 4378-3:2005/ ISO 4378-3:1983	<i>Plain bearings – Terms, definitions and classification – Part 3: Lubrication. Gives the most commonly used terms applied in the field of plain bearing lubrication as well as their definitions and classification.</i>
SANS 4379:2005/ ISO 4379:1993	<i>Plain bearings – Copper alloy bushes. Specifies dimensions and tolerances for cylindrical and flanged bushes with internal diameter, d_1, in the range 6 mm to 200 mm.</i>
SANS 4381:2005/ ISO 4381:2000	<i>Plain bearings – Lead and tin casting alloys for multilayer plain bearings. Specifies requirements for bearing metals based on lead and tin casting alloys for multilayer plain bearings.</i>
SANS 4382-2:2005/ ISO 4382-2:1991	<i>Plain bearings – Copper alloys – Part 2: Wrought copper alloys for solid plain bearings. Specifies requirements for wrought copper alloys for use in solid plain bearings, particularly for bushes. Gives a limited selection of alloys currently available for general purposes.</i>
SANS 4383:2005/ ISO 4383:2000	<i>Plain bearings – Multilayer materials for thin-walled plain bearings. Specifies requirements for multilayer materials for the manufacture of thin-walled plain bearings (half bearings, bushes and thrust washers).</i>
SANS 4384-1:2005/ ISO 4384-1:2000	<i>Plain bearings – Hardness testing of bearing metals – Part 1: Compound materials. Specifies parameters for the hardness testing of compound materials for plain bearings made from steel and bearing metals based on lead, tin, copper and aluminium, manufactured by casting, sintering or plating.</i>
SANS 4384-2:2005/ ISO 4384-2:1982	<i>Plain bearings – Hardness testing of bearing metals – Part 2: Solid materials. Specifies parameters for the hardness testing of solid materials for plain bearings made from cast and wrought copper and aluminium alloys by machining and forming of their wrought products and ingots and of lead and tin ingots.</i>
SANS 4385:2005/ ISO 4385:1981	<i>Plain bearings – Compression testing of metallic bearing materials. Specifies a method for the compression testing of metallic bearing materials.</i>
SANS 4386-2:2005/ ISO 4386-2:1982	<i>Plain bearings – Metallic multilayer plain bearings – Part 2: Destructive testing of bond for bearing metal layer thicknesses ≥ 2 mm. Specifies a method of test for the determination of bond strength between the bearing metal and the backing.</i>
SANS 4386-3:2005/ ISO 4386-3:1992	<i>Plain bearings – Metallic multilayer plain bearings – Part 3: Non-destructive penetrant testing. Specifies a non-destructive penetrant testing for determining bond defects and discontinuities in the sliding surface of the bearing.</i>
SANS 6524:2005/ ISO 6524:1992	<i>Plain bearings – Thin-walled half bearings – Checking of peripheral length. Specifies methods of checking the measuring equipment and gauging tools necessary for measuring the peripheral length (or nip or crush) of thin-walled half-bearings.</i>
SANS 6525:2005/ ISO 6525:1983	<i>Plain bearings – Ring type thrust washers made from strip – Dimensions and tolerances. Specifies a range of thrust washers for general purpose use with wrapped bushes as specified in ISO 3547. Applies to thrust washers having inside diameters from 6 mm to 80 mm.</i>

Standard No. and year	Title, scope and purport
SANS 6526:2005/ ISO 6526:1983	<i>Plain bearings – Pressed bimetallic half thrust washers – Features and tolerances.</i> Specifies the main features and lays down tolerances for pressed bimetallic half thrust washers having an outside diameter up to 160 mm.
SANS 6691:2005/ ISO 6691:2000	<i>Thermoplastic polymers for plain bearings – Classification and designation.</i> Specifies selection of the most common unfilled thermoplastic polymers for plain bearings.
SANS 6703-1:2005/ ISO 6703-1:1984	<i>Water quality – Determination of cyanide – Part 1: Determination of total cyanide.</i> Specifies three methods for the determination of total cyanide in water. The methods are applicable to water containing less than 100 mg of cyanide per litre, but higher concentrations may be determined by suitable dilution of the sample.
SANS 7146:2005/ ISO 7146:1993	<i>Plain bearings – Terms, characteristics and causes of damage and changes in appearance.</i> Defines, describes and classifies the characteristics and causes of damage and changes in appearance occurring in service in hydrodynamically lubricated plain bearings and journals.
SANS 7148-2:2005/ ISO 7148-2:1999	<i>Plain bearings – Testing of the tribological behaviour of bearing materials – Part 2: Testing of polymer-based bearing materials.</i> Specifies tribological tests of polymer-based plain bearing materials under specified working conditions, i.e. load, sliding velocity and temperature, with and without lubrication.
SANS 7888:2005/ ISO 7888:1985	<i>Water quality – Determination of electrical conductivity.</i> Specifies a method for the measurement of the electrical conductivity of all types of water.
SANS 8314:2005/ ISO 8314:1987	<i>Shipbuilding and marine structures – Trunnion pieces for span bearings and lead block bearings.</i> Specifies dimensions and materials for trunnion pieces and locating bolts for assemblies of span bearings and carp runner lead block bearings used in operating ship derrick booms.
SANS 9628:2005/ ISO 9628:1992	<i>Rolling bearings – Insert bearings and eccentric locking collars.</i> Specifies the characteristics, boundary dimensions, tolerances and radial internal clearances of insert bearings and eccentric locking collars.
SANS 10285:2005/ ISO 10285:1992	<i>Rolling bearings, linear motion, recirculating ball, sleeve type – Metric series.</i> Specifies the general boundary dimensions, tolerances and definitions for linear motion, recirculating-ball, sleeve-type bearings of the metric series.
SANS 10359-2:2005/ ISO 10359-2:1994	<i>Water quality – Determination of fluoride – Part 2: Determination of inorganically bound total fluoride after digestion and distillation.</i> Specifies a method for the determination of inorganically bound total fluoride. The method is applicable to wastewaters which are highly contaminated inorganically, with a fluoride ion concentration of more than 0,2 mg/L.
SANS 10753:2005/ ISO 10753:1994	<i>Coal preparation plant – Assessment of the liability to breakdown in water of materials associated with coal seams.</i> Specifies a method for assessing the liability of materials associated with coal seams to breakdown on agitation with water.
SANS 11687-1:2005/ ISO 11687-1:1995	<i>Plain bearings – Pedestal plain bearings – Part 1: Pillow blocks.</i> Specifies design characteristics for pillow blocks for size ranges 9 to 28 and 35 to 71, as well as design characteristics for shafts.
SANS 12240-1:2005/ ISO 12240-1:1998	<i>Spherical plain bearings – Part 1: Radial spherical plain bearings.</i> Specifies dimension series, tolerances and radial internal clearances for radial spherical plain bearings.
SANS 12301:2005/ ISO 12301:1992	<i>Plain bearings – Quality control techniques and inspection of geometrical and material quality characteristics.</i> Specifies quality control techniques and inspection of the geometrical and material quality characteristics of specific types of plain bearings.
SANS 12302:2005/ ISO 12302:1993	<i>Plain bearings – Quality characteristics – Statistical process control (SPC).</i> Specifies for plain bearings (except thick-walled IM-bearings) those quality characteristics in accordance with SANS 12301 which can be used to regulate and control a production process on the basis of statistical process control (SPC).
SANS 12308:2005/ ISO 12308:1994	<i>Plain bearings – Quality assurance – Sample types – Definitions, applications and testing.</i> Defines the types of plain bearing samples such as are exchanged between purchaser and manufacturer.
SANS 15127:2005/ ISO 15127:2001	<i>Information and documentation – Vocabulary.</i> Facilitates international communication in the field of information and documentation. It presents terms and definitions of selected concepts relevant to the field and identifies relations between the entries.
SANS 20013-H:2005/ ECE R13-H:1998	<i>Uniform provisions concerning the approval of passenger cars with regard to braking.</i> Applies to the braking of vehicles of category M1, as defined in annex 7 to the Consolidated Resolution on the Construction of Vehicles (R.E.3) (TRANS/WP.78/Rev 1). This Regulation does not cover vehicles with a design speed not exceeding 25 km/h and vehicles fitted for invalid drivers.
SANS 20053:2005/ ECE R53:2002	<i>Uniform provisions concerning the approval of category 4 vehicles with regard to the installation of lighting and light-signalling devices.</i> Applies to the approval of lighting installations of two-wheeled power-driven vehicles without side-car, having a maximum design speed exceeding 50 km/h and/or a cylinder capacity exceeding 50 cm ³ .
SANS 50081-72:2005/ EN 81-72:2003	<i>Safety rules for the construction and installation of lifts – Particular applications for passenger and goods lifts – Part 72: Fire fighters lifts.</i> Applies to firefighters lifts equipped with a fire-protected lobby and any new firefighters lifts installed after the date of publication of this standard. Does not apply to double-deck lifts, lifts installed in existing buildings and the use of lifts with partially enclosed wells for use as firefighters lifts.
SANS 60099-7:2005/ IEC PAS 60099-7:2004	<i>Surge arresters – Part 7: Glossary of terms and definitions from IEC publications 60099-1, 60099-4, 60099-6, 61643-1, 61643-12, 61643-21, 61643-311, 61643-321, 61643-331 and 61643-341.</i> Compiles a list of terms and definitions relative to IEC publications from IEC technical committee 37: Surge arresters and subcommittees 37A Surge protective devices and 37B: Surge protective components, current at the date of this publication.

Standard No. and year	Title, scope and purport
SANS 62271-310:2005/ IEC/TR 62271-310:2004	High-voltage switchgear and controlgear – Part 310: Electrical endurance testing for circuit-breakers of rated voltage 72,5 kV and above. Applicable to class E2 circuit-breakers rated 72,5 kV and above, intended for use on overhead lines.
SANS 101651:2005/ ETSI TR 101651:1999	Electromagnetic compatibility and Radio spectrum Matters (ERM): Classification of the electromagnetic environment conditions for equipment in telecommunication networks. Provides information on the electromagnetic environmental conditions encountered when telecommunications equipment is installed and is a compilation of data concerning electromagnetic environmental conditions.

Standard No. and year	Title, scope and purport
SANS 22:2005 (Ed. 2.3)	Glazed ceramic wall tiles and fittings. Consolidated edition incorporating amendment No. 3. Amended to change the designation from SABS to SANS and to change the definition of "d e ' ' .
SANS 265:2005 (Ed. 3.1)	Gummed paper tape (Metric units). Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards and to update the definition of "acceptable".
SANS 336:2005 (SANS 336:2004/ ETSI TBR 21:1998)	Terminal Equipment (TE): Attachment requirements for pan-European approval for connection to the analogue Public Switched Telephone Networks (PSTNs) of TE (excluding TE supporting the voice telephony service) in which network addressing, if provided, is by means of Dual Tone Multi Frequency (DTMF) signalling. Specifies the technical characteristics (electrical and mechanical interface requirements and access control protocol) to be provided by a single Terminal Equipment (TE) which is intended for pan-European approval; and capable of 2-wire access to an analogue Public Switched Telephone Network (PSTN) line at the Network Termination Point (NTP); but excluding TE which is capable of supporting the voice telephony justified case service. Covers TE which is capable of originating a circuit-switched call using Dual Tone Multi Frequency (DTMF) signalling or receiving an incoming circuit-switched call (or both). The connection arrangements (plug or socket, of the supplier's choice) to be provided by the TE, are also specified.
SANS 1218:2005 (Ed. 1.4)	Hydraulic oil (anti-wear type). Consolidated edition incorporating amendment No. 4. Amended to delete references to IP 334, ASTM D 2882 and SABS 0157, and replace them with ISO 14635-1, ASTM D 7043 and SANS 9001 respectively and to update the clause on quality verification.
SANS 1291-2:2005 (SABS 1291-2:1993)	Flexible polyurethane foam sleeping mats and mattresses – Part 2: Foam mattresses for domestic and hotel use. Specifies the characteristics of five types of foam mattresses suitable for domestic and hotel use.
SANS 1348:2005 (Ed. 1.2)	Polyvinyl acetate dispersion adhesives for wood. consolidated edition incorporating amendment No. 2. Amended to change the designation of SABS standards to SANS standards and to update the definition for "acceptable".
SANS 1431:2005 (Ed. 1.7)	Weldable structural steels. Consolidated edition incorporating amendment No. 7. Amended to delete reference to SANS 10057 and to change the heading in 6.5.4, to replace values for the chemical compositions Cu, Ni, Cr and Mo in table 1 and 2 with a note, to allow the electronic transfer of test certificates and to update referenced standards.
SANS 1438-3:2005 (Ed. 1.4)	Helmet light assemblies for miners – Part 3: Cables. Consolidated edition incorporating amendment No. 4. Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1472:2005 (Ed. 1.1)	Plastics safety glazing materials for motor vehicles. Consolidated edition incorporating amendment No. 1. Amended to delete the footnote to apparatus in the test for abrasion resistance, to change the designation of SABS standards to SANS standards, and to update referenced standards.
SANS 1632-3:2005 (Ed. 1.1)	Batteries – Part 3: Vented-type prismatic nickel-cadmium cells and batteries. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards, to update normative references and to update cross-references to normative references.
SANS 1660:2005 (SABS 1660:1996)	Correction fluids. Specifies the requirements for correction fluids that are intended for the correction of typing and writing errors and that are used for copy preparation. Also covers correction fluids that are used in conjunction with thinners.
SANS 1700-17-7:1998/ ISO 8734:1997	Fasteners – Part 17: Pins – Section 7: Parallel pins, of hardened steel and martensitic stainless steel (Dowel pins). National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1700-17-10:1996/ ISO 8737:1986	Fasteners – Part 17: Pins – Section 10: Taper pins with external thread, unhardened. National amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.
SANS 1783-2:2005 (Ed. 1.5)	Softwood timber – Part 2: Stress-graded structural timber and timber for frame wall construction. Consolidated edition incorporating amendment No. 5. Amended to add a grade requirement for the strength verification of visually graded structural timber, to include additional nominal widths in the table on nominal sizes of structural timber, to correct a nominal width in the table on tolerances, and to change the marking requirements for size of marking.
SANS 1808-58:2005 (Ed. 1.2)	Water supply and distribution system components – Part 58: In-line strainers Consolidated edition incorporating amendment No. 2. Amended to update the list of parts in the foreword, to update referenced standards, to redefine "acceptable", to change the requirement for stainless steel and to delete reference to the certification mark.

Standard No. and year	Title, scope and purport
SANS 2220-2-22005 (Ed. 1.1)	<i>Electrical security systems – Part 2-2: Access control systems: Central processor. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards, and to update the introductory paragraph to the normative references clause and referenced standards.</i>
SANS 3096:2005/ ISO 3096:1996	<i>Rolling bearings – Needle rollers – Dimensions and tolerances. ISO technical corrigendum No. 1. Amended to update the first edition by defining the symbols w_{ed} and by establishing tolerances.</i>
SANS 3759:1994/ ISO 3759:1994	<i>Textiles – Preparation, marking and measuring of fabric specimens and garments in tests for determination of dimensional change. ISO technical corrigendum No. 2. To correct the date of publication of ISO 139 and to replace figure 1.</i>
SANS 5142:2005 (SABS SM 142:1975)	<i>Paints and varnishes – Sanding properties of paint films. Specifies a method for the determination of the sanding properties of paint and related coating films.</i>
SANS 5146:2005 (SABS SM 146:1975)	<i>Paints and varnishes – Resistance to impact of paint films. Describes a method for rapidly defaming, by impact with a spherical indenter, a coating film and its substrate and evaluating the effect of such deformation.</i>
SANS 6046:2005 (Ed. 1.1)	<i>Detection of thermoplasticity in wood adhesives: Creep test. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 6160:2005 (Ed. 1.1)	<i>Electrical resistance of floors. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 10111-2-4:2005/ ISO 5458:1998 (SABS 01111-2-4:1993)	<i>Geometrical Product Specifications (GPS) – Geometrical tolerancing – Positional tolerancing. Describes positional tolerancing. This tolerancing method is applied to the location of a point, of a line nominally straight and of a surface nominally plane, e.g. the centre of a sphere, the axis of a hole or shaft and the median surface of a slot.</i>
SANS 10198-4:2005 (SABS 01984:1988)	<i>The selection, handling and installation of electric power cables of rating not exceeding 33 kV – Part 4: Current ratings. Deals with factors to be taken into account when an electrical distribution system is being designed. It covers current ratings for five types of cables installed under stipulated standard conditions. Rating factors for deviations from standard conditions of installation are tabulated and, in addition, short-circuit ratings for symmetrical and earth faults are given.</i>
SANS 10240:2005 (Ed. 2.1)	<i>The installation of replacement auto glass in motor vehicles by the direct glazing method. Consolidated edition incorporating amendment No. 1. Amended to change the designation of SABS standards to SANS standards with no technical changes.</i>
SANS 10276:2005 (Ed. 1.1)	<i>Motor vehicle radiator reconditioning workshops. Consolidated edition incorporating amendment No. 1. Amended to change the designation from SABS to SANS, and to delete reference to the SABS as inspectorate authority.</i>
SANS 16949:2002/ ISO/TS 16949:2002 ISO corrected version	<i>Quality management systems – Particular requirements for the application of ISO 9001:2000 for automotive production and relevant service part organizations. Specifies requirements for a quality management system when an organization needs to demonstrate its ability to consistently provide a 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.</i>
SANS 20013-H:2005/ ECE R13-H:1998	<i>Uniform provisions concerning the approval of passenger cars with regard to braking. ECE corrigendum No. 1. Amended clauses 5.2.20.3 and 5.2.20.5 by adding a sentence on secondary braking to both</i>
SANS 20053:2005/ IEC R53:2002	<i>Uniform provisions concerning the approval of category L₁ and L₂ vehicles with regard to the installation of lighting and light-signalling devices. ECE amendment No. 1. Amended to change the technical specifications for number 1 in the sub-clause on rear headlamps and passing light.</i>
SANS 60335-2-2:2005/ IEC 60335-2-2 (Ed. 3.1)	<i>Household and similar appliances – Safety – Part 2-2: Particular requirements for vacuum cleaners and suction cleaning appliances. Consolidated edition incorporating IEC amendment No. 1. Amended to add information on abnormal operation.</i>

Standard No. and year	Title, scope and purport
SANS 60335-2-4:2003/ IEC 60335-2-4:2002	Household and similar electrical appliances – Safety – Part 2-4: Particular requirements for spin extractors . IEC amendment No. 1. Amended to clarify the scope, replace a normative reference, change the general test conditions, and the tests for endurance, stability and mechanical hazards, mechanical strength and components. IEC corrigendum 1 to IEC amendment No. 1. Corrected the amendment to the mechanical strength test.
SANS 60335-2-7:2005/ IEC 60335-2-7:2004 (Ed. 4.1)	Household and similar electrical appliances – Safety – Part 2-7: Particular requirements for washing machines . Consolidated edition incorporating IEC amendment No. 1. Amended to clarify the scope, to modify marking requirements and test conditions, and to amend the test methods for endurance, abnormal operation, stability and mechanical hazards, mechanical strength and construction.
SANS 60335-2-13:2005/ IEC 60335-2-13:2004 (Ed. 2.1)	Household and similar electrical appliances – Safety – Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances. Consolidated edition incorporating IEC amendment No. 1. Amended to include works within the scope, limit the size of household deep fat fryers to 5 L, specify that sunflower oil shall be used for testing purposes and to add instructions for the cleaning of food surfaces.
SANS 60335-2-23:2003/ IEC 60335-2-23:2003	Household and similar electrical appliances – Safety – Part 2-23: Particular requirements for appliances for skin or hair care. IEC technical corrigendum No. 1. Changed to correct the reference to a table in clause 19.101.
SANS 60335-2-27:2005/ IEC 60335-2-27:2004 (Ed. 3.1)	Household and similar electrical appliances – Safety – Part 2-27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation. Consolidated edition incorporating IEC amendment No. 1. Amended to move the classification of ultraviolet appliances into an informative annex, to change the classification and marking requirements and to amend the radiation test.
SANS 60335-2-54:2005/ IEC 60335-2-54:2004 (Ed. 3.1)	Household and similar electrical appliances – Safety – Part 2-54: Particular requirements for surface-cleaning appliances for household use employing liquids or steam. Consolidated edition incorporating IEC amendment No. 1. Amended to include wallpaper strippers within the scope, to specify the IPX rating requirements for class I and class II hand-held appliances, to correct the description of appliances that generate steam, to change construction requirements and instructions for pressurized appliances, and to add a mechanical strength test for hand-held appliances.
SANS 60335-2-65:2003/ IEC 60335-2-65:2002	Household and similar electrical appliances – Safety – Part 2-65: Particular requirements for air-cleaning appliances . IEC corrigendum No. 1. Changed to correct the limit of ozone in the radiation test.
SANS 60335-2-66:2003/ IEC 60335-2-66:2002	Household and similar electrical appliances – Safety – Part 2-66: Particular requirements for water-bed heaters . IEC corrigendum No. 1. Correction of a dimension in the definition for normal operation.
SANS 60598-2-25:1994/ IEC 60598-2-25:1994	Luminaires – Part 2-25: Particular requirements – Luminaires for use in clinical areas of hospitals and health care buildings. IEC amendment No. 1. Amended to add a normative reference, to change requirements for construction, protection against electric shock, an endurance test and thermal tests, and to delete annex A.
SANS 60947-5-2:2005/ IEC 60947-5-2:2004 (Ed. 2.2)	Low-voltage switchgear and controlgear – Part 5-2: Control circuit devices and switching elements – Proximity switches . Consolidated edition incorporating IEC amendment No. 1. Amended to clarify the normative reference statement, to add new referenced standards and definitions, to modify figure 1 and 1a titles, to add a note at the end of the subclause for operation of photo-electric proximity switches and to modify and add new test requirements.
SANS 61047:2005/ IEC 61047:2004 (SABS IEC 61047:2001)	DC or AC supplied electronic step-down converters for filament lamps – Performance requirements . Specifies performance requirements for electronic step-down converters for use on d.c. supplies up to 250 V and a.c. supplies up to 1 000 V at 50 Hz or 60 Hz with operating frequencies deviating from the supply frequency, associated with tungsten halogen lamps as specified in SANS 60357 and other filament lamps.
SANS 61184:1997/ IEC 61184:1997	Bayonet lampholders. IEC amendment No. 2. Amended to change the scope, to replace normative references, to add new definitions and marking requirements, to change requirements for moisture resistance, insulation resistance and electric strength, creepage distances and clearances, resistance to heat, fire and hacking.

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 1609-2:1994	Radio transmissions in the VHF band – Part 2: Radio data system (RDS)
SANS 1701-1-2:1997	Bearings – Part 1: Vocabulary – Section 2: Plain bearings – Terms, definitions and classification – Design, bearing materials and their properties
SANS 1701-1-3:1997	Bearings – Part 1: Vocabulary – Section 3: Plain bearings – Terms, definitions and classification – Friction and wear
SANS 1701-1-4:1997	Bearings – Part 1: Vocabulary – Section 4: Plain bearings – Terms, definitions and classification – Lubrication
SANS 1701-1-6:1997	Bearings – Part 1: Vocabulary – Section 6: Plain bearings – Terms, characteristics and causes of damage and changes in appearance
SANS 1701-3-5:1996	Bearings – Part 3: Plain bearings – Section 5: Lead and tin casting alloys for multilayer plain bearings

Standard No. and year	Title
SANS 1701-34:1996	<i>Bearings – Part 3: Plain bearings – Section 8: Multilayer materials for thin-walled plain bearings</i>
SANS 1701-3-20:1996	<i>Bearings – Part 3: Plain bearings – Section 20: Thermoplastics for plain bearings – Classification and designation</i>
SANS 1701-6-3:1997	<i>Bearings – Part 6: Quality assurance and testing of bearings – Section 3: Plain tearings – Hardness testing of bearing materials – Compound materials</i>
SANS 1701-6-4:1997	<i>Bearings – Part 6: Quality assurance and testing of bearings – Section 4: Plain bearings – Hardness testing of bearing materials – Solid materials</i>
SANS 5045:1975	<i>Spraying properties of distempers and emulsion paints</i>
SANS 5200:1981	<i>Arsenic content of water</i>
SANS 6057:1982	<i>Electrical conductivity of water</i>
SANS 6058:1982	<i>Selenium content of water</i>
SANS 10044-5:1983	<i>Welding – Part 5: The fusion welding of steel (including austenitic stainless steel): Tests for the approval of welders where weld procedure approval is not required</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.