

DEPARTMENT OF TRADE AND INDUSTRY

No. 308

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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 706:2009	<i>Leather wetting.</i> Covers vegetable-tanned leather wetting. Specifies general requirements, dimensions, joints, grooving, feathering, colour, wet stitch tear strength, bond strengths, resistance to grain cracking, grease content and acidity.
SANS 714:2009	<i>Lining leather (chrome-tanned syntan-retanned side).</i> Covers full chrome-tanned syntan-retanned side leather for use as linings in footwear. Specifies general, chemical and physical requirements.
SANS 1304-2:2009	<i>Light ladders Part 2: Portable aluminium ladders, steps and trestles for household use.</i> Specifies requirements for material, construction and performance of portable aluminium ladders, steps and trestles for domestic use. Does not apply to ladders for commercial use or special professional use such as fire brigade ladders or mobile ladders, which require mechanical aids for erection.
SANS 1718-10:2009	<i>Gaming equipment – Part 10: Server-based gaming systems.</i> Provides requirements for all computer system configurations and their associated components used for server-based gaming. Includes requirements for: a) gaming devices comprised of a collection of conventional gaming devices or client stations connected to a system for the purposes of downloading games or control programs but capable of operating independently such that the game outcome is determined by the gaming device or client station and not by the system, and b) gaming devices comprised of a server or system part and client stations that, together, form a single integrated device where the system portion of the game determines the outcomes of the individual games conducted on the client stations and the client stations cannot operate independently from the system. Also covers situations where the servers might be situated off-site but all player interaction for the purposes of gambling takes place on licensed premises. Does not include additional requirements that might be specified by the PLA for applications where the server is based off-site.
SANS 3001-AG1:2009	<i>Civil engineering test methods – Part AG1: Particle size analysis of aggregates by sieving.</i> Applies to coarse and fine aggregates and describes a method to prepare a test sample and determine the particle size distribution of particles of diameter retained on the 75 µm sieve.
SANS 3001-AG2:2009	<i>Civil engineering test methods – Part AG2: Determination of the average least dimension of aggregates by direct measurement.</i> Describes a method to determine the average least dimension (ALD) of aggregate by direct measurement.
SANS 3001-GR3:2009	<i>Civil engineering test methods – Part AG3: Determination of the average least dimension of aggregates by computation.</i> Describes a method to determine the average least dimension (ALD) of an aggregate by computation using the particle size analysis and flakiness index.
SANS 3001-AG4:2009	<i>Civil engineering test methods – Part AG4: Determination of the flakiness index of coarse aggregate.</i> Specifies a method for determining the flakiness index of coarse aggregate, expressed as the mass of particles of applicable size passing slots with prescribed widths, as a percentage of the total mass of the aggregate. Is conducted on coarse aggregate that passes a sieve with aperture size of 75 mm and that is retained on a 5 mm sieve.
SANS 3001-GR2:2009	<i>Civil engineering test methods – Part GR2: Dry preparation and dry particle size analysis of graded materials.</i> Covers the dry preparation and quantitative determination of the particle size distribution by dry sieving of graded materials (gravels and sands) with particle sizes larger than 425 µm.
SANS 3001-PR5:2009	<i>Civil engineering test methods – Part PR5: Computation of soil-mortar percentages, coarse sand ratio, grading modulus and fineness modulus.</i> Describes the calculation of various relationships based on the particle size distribution of materials.
SANS 3001-PR10:2009	<i>Civil engineering test methods – Part PR10: Checking, handling, maintenance and verification of test sieves.</i> Describes the correct method for the handling and use of test sieves.

Standard No. and year	Title, scope and purport
SANS 12885:2009/ ISO/TR 12885:2008	<i>Nanotechnologies – Health and safety practices in occupational settings relevant to nanotechnologies.</i> Describes health and safety practices in occupational settings relevant to nanotechnologies. It focuses on the occupational manufacture and use of engineered nanomaterials. It does not address health and safety issues or practices associated with nanomaterials generated by natural processes, hot processes and other standard operations which unintentionally generate nanomaterials, or potential consumer exposures or uses, though some of the information in ISO/TR 12885:2008 might be relevant to those areas. Use of the information in ISO/TR 12885:2008 could help companies, researchers, workers and other people to prevent adverse health and safety consequences during the production, handling, use and disposal of manufactured nanomaterials. This advice is broadly applicable across a range of nanomaterials and applications.
SANS 50025-1:2009/ EN 10025-1:2004	<i>Hot rolled products of structural steels – Part 1: General technical delivery conditions.</i> Specifies the general delivery conditions and requirements for flat and long products of hot rolled structural steels excluding structural hollow sections and tubes.
SANS 50025-3:2009/ EN 10025-3:2004	<i>Hot rolled products of structural steels – Part 3: Technical delivery conditions for normalized/normalized rolled weldable fine grain structural steels.</i> Specifies requirements for flat and long products of hot rolled weldable fine grain structural steels in the normalized/normalized rolled delivery condition in the grades and qualities given in the chemical composition and mechanical properties tables.
SANS 50025-5:2009/ EN 10025-5:2004	<i>Hot rolled products of structural steels – Part 5: Technical delivery conditions for structural steels with improved atmospheric corrosion resistance.</i> Specifies requirements for flat and long products of hot rolled steels with improved atmospheric corrosion resistance in the grades and qualities given in tables 2 and 3 (chemical composition) and tables 4 and 5 (mechanical properties) in the usual delivery conditions as given in 6.3.
SANS 53149-1:2009/ EN 13149-1:2004	<i>Public transport – Road vehicle scheduling and control systems – Part 1: WORLDIFIP definition and application rules for onboard data transmission.</i> Presents the general application rules of onboard data transmission bus and also covers the link between equipments inside a single vehicle.
SANS 53149-2:2009/ EN 13149-2:2004	<i>Public transport – Road vehicle scheduling and control systems – Part 2: WORLDIFIP cabling specifications.</i> Specifies onboard data transmission bus equipment, its operations, and monitoring of the fleet. It includes operations aid systems, automatic passenger information systems and fare collection systems. Directly related to the functions of a vehicle i.e. the driver dashboard, engine management, brake system and door opening.
SANS 53149-4:2009/ EN 13149-4:2004	<i>Public transport – Road vehicle scheduling and control systems – Part 4: General application rules for CANopen transmission buses.</i> Specifies the choice and the general application's rules of an onboard data transmission bus between the different equipment for service operations and monitoring of the fleet. Applies to equipment installed onboard buses, trolleybuses and tramways only as part of a bus fleet operation.
SANS 53149-5:2009/ EN 13149-5:2004	<i>Public transport – Road vehicle scheduling and control systems – Part 5: CANopen cabling specifications.</i> Specifies the choice and the general application's rules of an onboard data transmission bus between the different equipment for service operations and monitoring of the fleet. Excludes tramways when they are operated as part of a train, subway or metro operation. Equipment includes operation aid systems, automatic passenger information systems, fare collection systems. There is no ranking between the two bus systems.
SANS 53372:2009/ EN 13372:2004	<i>Road Transport and Traffic Telematics (RTTT) – Dedicated short-range communication – Profiles for RTTT applications.</i> Specifies definitions of terms used in condition monitoring and diagnostics of machines. Intended to provide users and manufacturers of condition monitoring and diagnostics systems with a common vocabulary.

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 137:2009 (Ed. 1.1)	<i>Resin cored solders (non-corrosive). Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to remove reference to the standardization mark, and to update the referenced standards.
SANS 138:2009 (Ed. 1.1)	<i>Resin cored solders (highly activated). Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards and to remove reference to the standardization mark scheme.
SANS 540-2:2009 (Ed. 4.1)	<i>Fibreboard products – Part 2: Coated fibreboard. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update referenced standards, and to remove reference to the certification mark.
SANS 636:2009 (SABS 636:2001)	<i>Disinfectants based on quaternary ammonium compounds.</i> Specifies requirements for two types of disinfectants based on quaternary ammonium compounds intended for use on inanimate surfaces. It is intended for the evaluation of disinfectants based on quaternary ammonium compounds for general use.
SANS 639:2009 (SABS 639:2001)	<i>Detergent-disinfectants based on quaternary ammonium compounds.</i> Specifies requirements for two types of disinfectants based on quaternary ammonium compounds intended for use on inanimate surfaces. It is intended for the evaluation of disinfectants based on quaternary ammonium compounds for general use.
SANS 675:2009 (SABS 675:1007)	<i>Zinc-coated fencing wire.</i> Specifies the characteristics of drawn steel wire, zinc-coated by the hot-dip process, to be used for line fencing wire or barbed fencing wire for general purposes.

Standard No. and year	Title, scope and purport
SANS 907:2009 (Ed. 2.1)	<i>Stainless steel sinks for institutional use. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable", and to update a referenced standard.
SANS 921:2009 (Ed. 3.1)	<i>Pitch-impregnated fibre pipes and fittings and jointing. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable", to delete reference to the certification mark, and to update referenced standards.
SANS 1365:2009 (SABS 1365:1995)	<i>Solvent degreasers that contain chlorinated hydrocarbons.</i> Specifies the requirements for 6 types of water-free solvent degreasers that contain chlorinated hydrocarbon compounds. Types 1, 3 and 4 are intended for use by hand wiping, brushing, spraying and dipping. Types 5 and 6 are intended for use in closed systems. Type 8 degreasers can be used for both purposes.
SANS 1389:2009 (Ed. 1.1)	<i>Tables. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, to update the definition of "acceptable", to change the requirements for enamel paints and laminated timbers, to update referenced standards, and to remove reference to the standardization mark.
SANS 1411-2:2009 (Ed. 2.2)	<i>Materials of insulated electric cables and flexible cords – Part 2: Polyvinyl chloride (PVC). Consolidated edition incorporating amendment No. 2.</i> Amended to include requirements for compatibility, to change the units of measurement in the case of ageing and the test for loss of mass on heating and to correct editorial errors in tables 2 and 3.
SANS 1411-4:2009 (Ed. 2.2)	<i>Materials of insulated electric cables and flexible cords – Part 4: Cross-linked polyethylene (XLPE). Consolidated edition incorporating amendment No. 2.</i> Amended to include requirements for compatibility and to omit references to specific subclauses in referenced standards.
SANS 1411-5:2009 (Ed. 3.1)	<i>Materials of insulated electric cables and flexible cords – Part 5: Halogen-free, flame-retardant materials. Consolidated edition incorporating amendment No. 1.</i> Amended to change specific applications of HFB1 material, to delete the requirements for degree of cross-linking, to change the units of measurement in the case of ageing and the test period in the water immersion test, and to include requirements for compatibility.
SANS 1411-7:2009 (Ed. 2.1)	<i>Materials of insulated electric cables and flexible cords – Part 7: Polyethylene (PE). Consolidated edition incorporating amendment No. 1.</i> Amended to change the units of measurement in the case of ageing and the test duration in the water immersion test, and to include requirements for compatibility.
SANS 1645:2009 (Ed. 1.2)	<i>Portable insulated domestic food containers. Consolidated edition incorporating amendment No. 2.</i> Amended to change the designation of SABS standards to a SANS standards, to update the introductory paragraph to the normative references clause, to update referenced standards, and to update the definition of "acceptable".
SANS 5261: 2009 (Ed. 3.1)	<i>Bactericidal efficacy of anti-bacterial liquid toilet soap. Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, and to update reference numbers for test organisms (3.5).
SANS 5302:2009 (SABS SM 302:1977)	<i>Pesticides – Rearing and handling of the skin and hide beetle (Dermestes maculatus de Geer).</i> Specifies a method for the rearing and handling of the skin and hide beetle (Dermestes maculatus De Geer).
SANS 5419:2009 (SABS SM 419:1970)	<i>Pesticides – Evaluation of rodentproofness of building materials and constructions.</i> Specifies a method for the evaluation of rodentproofness of building materials and constructions.
SANS 5509:2009 (Ed. 2.1)	<i>Bactericidal efficacy of disinfectants: Kelsey Sykes test (modified). Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards, and to update reference numbers for test organisms (3.5).
SANS 5811:2009 (SABS SM 811:1978)	<i>Pesticides – Rearing and handling of the lesser grain borer (Rhizopertha dominica F.).</i> Specifies a method for the rearing and handling of the lesser grain borer (Rhizopertha dominica F.).
SANS 5815:2009 (SABS SM 815:1978)	<i>Pesticides – Rearing and handling of the silver fish (Lepisma saccharina L.).</i> Specifies a method for the rearing and handling of the silver fish (Lepisma saccharina L.).
SANS 5973:2009 (Ed. 1.1)	<i>Average adhesive bond quality of plywood and composite boards (knife test). Consolidated edition incorporating amendment No. 1.</i> Amended to change the designation of SABS standards to SANS standards.
SANS 6266:2009 (Ed. 1.1)	<i>Virucidal efficacy of disinfectants and detergent-disinfectants using bacteriophages as indicator organisms. Consolidated edition incorporating amendment No. 1.</i> Amended to update a bacteriophage strain used as an indicator organism, to change the designation of SABS standards to SANS standards, to correct the temperature required for autoclaving, and to update reference numbers for test organisms.
SANS 10043:2009 (Ed. 4.1)	<i>The installation of wood and laminate flooring. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards.
SANS 10118:2009 (SABS 0118:1990)	<i>The aerial application of pesticides.</i> Covers the aerial application of pesticides and the requirements for the training of agricultural pilots, aircraft to be used for the application, landing places, protection of pilots and ground personnel, health precautions for pilots and ground personnel, the registration holder of the pesticide, the chemical distributor, the sponsor, and aerial application companies, and first-aid treatment in cases of suspected poisoning.
SANS 10186:2009 (Ed. 3.2)	<i>The installation of textile floor coverings. Consolidated edition incorporating amendment No. 2.</i> Amended to add a definition for "acceptable", and to re-word the text in the subclauses on partially bonded installation (5.5.4.2.1.2) and bonding (5.5.4.2.2.1).
SANS 10263-5:2009 (Ed. 1.1)	<i>The warehousing of dangerous goods – Part 5: The storage and handling of oxidizing substances. Consolidated edition incorporating amendment No. 1.</i> Amended to reword the foreword, to change the scope to exclude laboratories, to update a referenced standard and to update the list of parts in the foreword.