

**DEPARTMENT OF TRADE AND INDUSTRY**  
**NOTICE 95 OF 2016**

**STANDARDS ACT, 2008**  
**STANDARDS MATTERS**

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

**SCHEDULE 1: ISSUE OF NEW STANDARDS**

The following standards have been issued in terms of section 24(1)(a) of the Standards Act.

Standard No. and year	Title, scope and purport
SANS 1318:2016	<i>Scholastic stationery</i> . Covers several types of books and sheets of paper intended for scholastic and related uses. Specifies the covers, the bindings, the grades of paper and the types of ruling.
SANS 1706:2015	<i>Analysis of copper-chromium-arsenic (CCA) treated wood by X-ray fluorescence spectroscopy</i> . Specifies a method for determining the retention of copper-chromium-arsenic (CCA) in treated wood by quantitative analysis using X-ray fluorescence spectroscopy.
SANS 3001-CO3-1:2015	<i>Civil engineering test methods Part CO3-1: Concrete durability index testing - Preparation of test specimens</i> . Describes the method to produce specimens that are circular and have been prepared by coring and cutting concrete cubes in the laboratory, or by taking cores from concrete elements on site.
SANS 3001-CO3-2:2015	<i>Civil engineering test methods Part CO3-2: Concrete durability index testing - Oxygen permeability test</i> . Describes the method to test for oxygen permeability on concrete specimens that have been prepared by coring and cutting concrete cubes in the laboratory, or by taking cores from concrete elements on site.
SANS 3001-CO3-3:2015	<i>Civil engineering test methods Part CO3-3: Concrete durability index testing - Chloride conductivity test</i> . Describes the method to test for chloride conductivity on concrete specimens that have been prepared by coring and cutting concrete cubes in the laboratory, or by taking cores from concrete elements on site.
SANS 4695:2015/ ISO 4695:2007	<i>Iron ores for blast furnace feedstocks - Determination of the reducibility by the rate of reduction index</i> . Specifies a method to provide a relative measure for evaluating the extent to and ease with which oxygen can be removed from iron ores, when reduced under conditions resembling those prevailing in the reduction zone of a blast furnace.
SANS 4696-2:2015/ ISO 4696-2:2007	<i>Iron ores for blast furnace feedstocks - Determination of low-temperature reduction-disintegration indices by static method Part 2: Reduction with CO and N<sub>2</sub></i> . Specifies a method to provide a relative measure for evaluating the degree of size degradation of iron ores when reduced with carbon monoxide and nitrogen, under conditions resembling those prevailing in the low-temperature reduction zone of a blast furnace. Applies to lump ores, sinters and hot-bonded pellets.
SANS 11258:2015/ ISO 11258:2007	<i>Iron ores for shaft direct-reduction feedstocks - Determination of the reducibility index, final degree of reduction and degree of metallization</i> . Specifies a method to provide a relative measure for evaluating the extent and ease to which oxygen can be removed from iron ores, when reduced under conditions resembling those prevailing in shaft direct-reduction processes. Also specifies the determination of the reducibility, final degree of reduction and degree of metallization. Applies to lump ores and hot-bonded pellets.
SANS 12653-3:2015/ ISO 12653-3:2014	<i>Electronic imaging - Test target for scanning of office documents -Part 3:Test target for use in lower resolution applications</i> . Specifies a test target for assessing the consistency of the output over time from lower resolution reflection scanning systems. Applicable to assessing the output quality of black-and-white and colour scanners used for black-and-white or colour office documents, with or without half tone.
SANS 24617-2:2016/ ISO 24617-2:2012	<i>Language resource management - Semantic annotation framework (SemAF) - Part 2: Dialogue acts</i> . Provides a set of empirically and theoretically well-motivated concepts for dialogue annotation, a formal language for expressing dialogue annotations the dialogue act markup language (DiAML) and a method for segmenting a dialogue into semantic units. Specifies data categories for reference sets of communicative functions and dimensions of dialogue analysis and provides principles and guidelines for extending these sets or selecting coherent subsets of them.
SANS 27032:2015/ ISO/IEC 27032:2012	<i>Information technology - Security techniques - Guidelines for cybersecurity</i> . Specifies guidelines for improving the state of cybersecurity, which includes domains relating to information security, network security, internet security and critical information infrastructure protection.
SANS 50081-31:2015/ EN 81-31:2010	<i>Safety rules for the construction and installation of lifts - Special lifts for the transport of persons and goods - Part 31 access goods only lift</i> . Applies to new electric accessible goods only lifts with traction or positive drive and new hydraulic accessible goods only lifts, permanently installed in restricted areas or only used by authorized and instructed persons (users) (or both), servicing fixed and permanently landing levels, having a load carrying unit made of a single load carrying area, designed for the transportation of goods only, moving along a fixed path (e.g. scissor lifts, lifts with guide rails) and inclined not more than 15 degrees to the vertical, with rated speed not exceeding 1 m/s.

Standard No. and year	Title, scope and purport
SANS 50081-41:2015/ EN 81-41:2010	<i>Safety rules for the construction and installation of lifts - Special lifts for the transport of persons and goods - Part 41: Vertical lifting platforms intended for use by persons with impaired mobility.</i> Deals with the safety requirements for construction, manufacturing, installation, maintenance and dismantling of electrically powered vertical lifting platforms affixed to a building structure intended for use by persons with impaired mobility: travelling vertically between predefined levels along a guided path whose inclination to the vertical does not exceed 15 degrees; intended for use by persons with or without a wheelchair; supported or sustained by rack or pinion, wire ropes, chains, screw and nut, friction/traction between wheels and the rail, guarded chain, scissors mechanism or hydraulic jack (direct or indirect); with enclosed liftways; with a speed not greater than 0,15 m/s, with platforms where the carrier is not completely enclosed.
SANS 55331:2015/ EN 15331:2011	<i>Criteria for design, management and control of maintenance services for buildings.</i> Specifies the criteria and the general methods that can be used in the planning, management and control of maintenance in buildings and their surrounding area according to the applicable legal requirements, objectives of the owners and users and the required quality of maintenance.
SANS 53795:2015/ EN 13795:2011	<i>Criteria for design, management and control of maintenance services for buildings.</i> Specifies the criteria and the general methods that can be used in the planning, management and control of maintenance in buildings and their surrounding area according to the applicable legal requirements, objectives of the owners and users and the required quality of maintenance.
SANS 62485-1:2015/ IEC 62485-1:2015	<i>Safety requirements for secondary batteries and battery installations - Part 1: General safety information.</i> Specifies the basic requirements for secondary batteries and battery installations.
SANS 62485-4:2015/ IEC 62485-4:2015	<i>Safety requirements for secondary batteries and battery installations - Part 4: Valve-regulated lead-acid batteries for use in portable appliances.</i> Applies to the safety aspects associated with the accommodation, the arrangements of circuits and the operation of secondary valve-regulated lead-acid cells and batteries in portable appliances. Specifies requirements to prevent the misuse of batteries in the course of operation in order to provide protective measures, avoid injury to persons in the case of battery failure and to provide sufficient information to users.
SATR 62056-41:2015/ IEC/TR 62056-41:1998	<i>Electricity metering-Data exchange for meter reading, tariff and load control-Part 41: Data exchange using wide area networks: Public switched telephone network (PSTN) with LINK+ protocol.</i> Describes a three layer data exchange architecture used for communication with large industrial and commercial customers' metering equipment (aiming, in particular, at the remote reading of these meters for billing purposes). Uses the public switched telephone network (PSTN) as a communication medium for this data exchange.
SANS 80004-1:2015/ ISO/TS 80004-1:2010	<i>Nanotechnologies - Vocabulary - Part 1: Core terms.</i>
SANS 80004-4:2015/ ISO/TS 80004-4:2010	<i>Nanotechnologies - Vocabulary - Part 4 : Nanostructured materials.</i> Gives terms and definitions for materials in the field of nanotechnologies where one or more components are nanoscale regions and the materials exhibit properties attributable to the presence of those nanoscale regions. Is intended to facilitate communications between organizations and individuals in industry and those who interact with them.
SANS 80004-5:2015/ ISO/TS 80004-5:2011	<i>Nanotechnologies - Vocabulary - Part 5: Nano/bio interface.</i> Lists terms and definitions related to the interface between nanomaterials and biology. Is intended to facilitate communications between scientists, engineers, technologists, designers, manufacturers, regulators, NGOs, consumer organizations, members of the public and others with an interest in the application or use of nanotechnologies in biology or biotechnology or the use of biological matter or principles in nanotechnology.
SANS 80004-6:2015/ ISO/TS 80004-6:2013	<i>Nanotechnologies - Vocabulary - Part 6 : Nano-object characterization.</i> Lists terms and definitions relevant to the characterization of nano-objects.
SANS 80004-8:2015/ ISO/TS 80004-8:2013	<i>Nanotechnologies - Vocabulary - Part 8 : Nanomanufacturing processes.</i> Gives terms and definitions related to nanomanufacturing processes in the field of nanotechnologies. Forms one part of multi-part terminology and definitions documentation covering the different aspects of nanotechnologies.

## SCHEDULE 2: AMENDMENT OF EXISTING STANDARDS

The following standards have been amended in terms of section 24(1)(a) of the Standards Act.

Standard No. and year	Title, scope and purport
SANS 164-1:2015 (Ed. 5.3)	<i>Plug and socket-outlet systems for household and similar purposes for use in South Africa Part 1: Conventional system, 16 A 250 V a.c. Consolidated edition incorporating amendment No. 3.</i> Amended to update the requirements, and to update standards sheet 1.1 .
SANS 542:2015 (Ed. 4.2)	<i>Concrete roofing tiles. Consolidated edition incorporating amendment No. 2.</i> Amended to correct the table on sample size for quality disputes.
SANS 660:2015 (Ed. 3.7)	<i>School furniture. Consolidated edition incorporating amendment No. 7.</i> Amended to modify a definition, to expand the types of desks covered, to update requirements in the appendix on classroom furniture, to integrate references to these updated requirements into the text, and to update referenced standards.
SANS 822:2016 (Ed. 2)	<i>Paper sizes and specific end-uses.</i> Covers trimmed sizes of paper used for administrative, commercial, and technical purposes and for certain classes of printed matter.

Standard No. and year	Title, scope and purport
SANS 1186-1:2015 (Ed. 3.7)	<i>Symbolic safety signs Part 1: Standard signs and general requirements. Consolidated edition incorporating amendment No. 7.</i> Amended to update the scope, referenced standards, and the requirements in the clauses on safety colours, materials of backing sheets for standard, retro-reflective and photoluminescent signs, embossed signs, colours of signs, and inspection and methods of test and in the annex on positioning, fixing, illumination and maintenance of signs.
SANS 1492-1:2015 (Ed. 2.2)	<i>Men's shoes with stuck-on outer soles Part 1: Flat lasted construction. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 1492-2:2015 (Ed. 2.2)	<i>Men's shoes with stuck-on outer soles Part 2: California type construction. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 1492-3:2015 (Ed. 2.2)	<i>Men's shoes with stuck-on outer soles Part 3: Moccasin type construction. Consolidated edition incorporating amendment No. 2.</i> Amended to update referenced standards.
SANS 5641:2015/ (Ed.3)	<i>Determination of wet and dry bursting strengths of stiffeners.</i> Specifies a method for the determination of wet and dry bursting strengths of stiffeners.
SANS 5642:2015/ (Ed.3)	<i>Determination of water absorption of inner soles and inner-sole material.</i> Specifies the method for the determination of water absorption of inner soles and inner-sole material.
SANS 14065:2015/ ISO 14065:2013 (Ed.3)	<i>Greenhouse gases - Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition.</i> Specifies principles and requirements for bodies that undertake validation or verification of greenhouse gas (CHG) assertions.
SANS 60086:2016/ IEC 60086:2014 (Ed. 4)	<i>Primary batteries Part 4: Safety of lithium batteries.</i> Specifies tests and requirements for primary lithium batteries to ensure their safe operation under intended use and reasonably foreseeable misuse.
SANS 60079-19:2015/ IEC 60079-19:2010 (Ed. 3.1)	<i>Explosive atmospheres - Part 19: Equipment repair, overhaul and reclamation. Consolidated edition incorporating amendment No. 1.</i> Amended to update referenced standards, to update the requirements in the clauses on additional requirements for the repair and overhaul of equipment with type of protection "e" (increased safety) and additional requirements for the repair and overhaul of equipment with type of protection "n", and to add annex D..
SANS 60598-2-20:2016/ IEC 60598-2-20:2014 (Ed. 3)	<i>Luminaires Part 2-20: Particular requirements - Lighting chains.</i> Specifies requirements for lighting chains fitted with series, parallel or a combination of series/parallel connected light sources for use either indoors or outdoors on supply voltages not exceeding 250 V. Includes combinations with rope lights (also known as sealed lighting chains).
SANS 60705:2015/ IEC 60705:2010 (Ed. 3.1)	<i>Household microwave ovens - Methods for measuring performance. Consolidated edition incorporating amendment No. 1.</i> Amended to add information to the foreword and the introduction, to rename the usable volume to calculated volume and to revise the measurement method for the calculated volume, which is in accordance with IEC 60350-1 (published in South Africa as an identical adoption under the designation SANS 60350-1), to add definitions of "microwave function", "combination microwave function", "set to off mode", "set to standby mode", "cooling down period", and "food support", to include a method for measuring the energy consumption of the microwave function, to include more precise requirements for instruments and measurements, to add additional product specific requirements for measuring the energy consumption of low power modes, and to include a method for measuring the energy consumption for the cooling down period.
SANS 60851-2:2015/ IEC 60851-2:2015 (Ed. 2.1)	<i>Winding wires - Test methods Part 2: Determination of dimensions. Consolidated edition incorporating amendment No. 1.</i> Amended to update the table on types of winding wire (table 1b), to add a table on paper covered wire (table 1c), and to add an informative annex on the relationship between force and pressure for a typical measuring range.
SANS 61347-1:2015/ IEC 61347-1:2014 (Ed. 3)	<i>Lamp controlgear Part 1: General and safety requirements.</i> Specifies general and safety requirements for lamp controlgear for use on d.c. supplies up to 250 V or a.c. supplies up to 1 000 V (or both) at 50 Hz or 60 Hz. Also covers lamp controlgear for lamps which are not yet standardized. Tests dealt with in this standard are type tests. Does not include requirements for testing individual lamp controlgear during production.
SANS 62386-101:2015/ IEC 62386-101:2014 (Ed. 2)	<i>Digital addressable lighting interface -- Part 101: General requirements -- System components.</i> Applies to system components in a bus system for control by digital signals of electronic lighting equipment. Should be in line with the requirements of IEC 61347, with the addition of d.c. supplies.
SANS 62386-102:2015/ IEC 62386-102:2014 (Ed. 2)	<i>Digital addressable lighting interface Part 102: General requirements - Control gear.</i> Applies to control gear in a bus system for control by digital signals of electronic lighting equipment.

**SCHEDULE 3: WITHDRAWAL OF STANDARDS**

In terms of section 24(1)(C) of the Standards Act, the following standards have been withdrawn.

Standard No. and year	Title
SANS 1489:2001	<i>Flameproof restrained and bolted type plugs and sockets.</i>
SANS 15443-3:2009/ IEC TR 15443-3:2007	<i>Information technology - Security techniques - A framework for IT security assurance Part 3: Analysis of assurance methods.</i>
SANS 8044:2008/ ISO/IEC TR 18044:2004	<i>Information technology - Security techniques - Information security incident management.</i>

**SCHEDULE 4: ESTABLISHMENT OR DISBANDMENT OF TECHNICAL COMMITTEES**

In terms of section 4(2) (l) the SABS has established the following technical committees:.

Technical Committee No:	TITLE	SCOPE

If your organization is interested in participating in these committees, please send an e-mail to [rose.masha@sabs.co.za](mailto:rose.masha@sabs.co.za) for more information.

**SCHEDULE 5: WITHDRAWAL OF INFORMATIVE AND NORMATIVE DOCUMENTS**

In terms of section 24(5) of the Standards Act, the following documents are being considered.

CKS 0	1987	Policy and guide for standardization and co-ordination of purchases
CKS 112	1972	Metal crutches for adults
CKS 121	1980	Steel single divans, single folding beds, and double decker bunks
CKS 129	1985	Colours for textiles
CKS 136	1981	Wrapping paper
CKS 138	2009	Custard powder
CKS 139	2009	Meat extract
CKS 140	2009	Baking powder
CKS 155	1972	Total back-extension harness
CKS 157	2009	Bowl stands
CKS 163	2009	Mustard powder
CKS 174	1969	8-ml Containers for freeze-dried vaccines
CKS 179	2009	Drip stands (for saline solutions and other fluids)
CKS 181	2009	Drug/poison cabinets
CKS 209	1977	Medicine spoon (plastics)
CKS 217	2010	Bedpan and urinal stands
CKS 218	2011	Hospital bed sheeting (rubber-proofed)
CKS 221	1974	Rubber bungs
CKS 224	1970	Autoclave indicator tape
CKS 225	1970	Envelopes for X-ray films
CKS 230	1970	Barriers for bridges (traffic and pedestrian)
CKS 232	2009	Swab racks
CKS 233	2010	Stools (surgeons, anaesthetists)
CKS 237	2009	Bassinets (cribs) with stands
CKS 238	2009	Weighing scales for patients (doctor's type)
CKS 239	2010	Commodes (wheel chair type)

CKS 240	2009	Baby weighing scales (counter design)
CKS 241	2009	Mayo's tables
CKS 242	2009	Tea trolleys
CKS 243	2009	Examination couches
CKS 245	1999	Masking tape
CKS 250	1970	General requirements for brushware
CKS 255	2009	Stools, hospital (Visitors, Bathroom)
CKS 261	2009	Jelly crystals
CKS 263	2009	Clamps for hospital beds
CKS 265	2009	Extension rods for hospital beds
CKS 266	2010	Lifting poles for patients
CKS 28	1973	Packs for textile goods
CKS 282	2011	Rubber hot water bottles
CKS 285	2012	Dispensers for paper towels (Metric units)
CKS 286	1971	Fish protein concentrate for human consumption
CKS 289	2007	Magou powder (fortified)
CKS 290	2008	Soup powder and gravy powder
CKS 294	2009	Kick-about
CKS 30	1985	Non-insulated stainless steel food containers (for solid food, liquid food and water)
CKS 31	1972	Insulated stainless steel food containers
CKS 312	2009	Umbilical cord fasteners
CKS 317	1972	Clinical thermometers
CKS 330	2011	Elastic mesh tubular bandages
CKS 336	2013	Mortuary trolleys
CKS 339	2009	Peanut butter
CKS 340	1979	Plastics refuse bags (disposable)
CKS 343	2009	Orthopaedic traction-pieces and hangers
CKS 350	2009	Guard rails for hospital beds
CKS 352	2009	Non-automated sphygmomanometers, aneroid and mercury
CKS 36	2014	Chalk writing boards for schools
CKS 368	1973	Lever arch files for stationery
CKS 370	2013	Adjustable steel shelving
CKS 371	1973	Adjustable wooden shelving
CKS 373	2009	Recovery beds (X-ray type)
CKS 374	2009	Leg and body cradles
CKS 388	2011	Rubber waterstops
CKS 390	2009	Orthopaedic beds
CKS 408	1974	Electrically-heated incubators for infants
CKS 413	1974	Adjustable glass-louvred windows
CKS 440	1993	Coffins and caskets
CKS 446	1978	Physical properties of moulded rubber and plastics soles, heels, and heel top-pieces
CKS 447	2013	High-low beds
CKS 449	1976	Plastics (polyolefin) containers for general use in hospitals
CKS 451	1976	Anti-intruder fences
CKS 456	2009	Medical forceps (other than tooth-extracting forceps)
CKS 457	1976	Desks
CKS 458	2008	Protein, vitamin, mineral (PVM) supplementary food mixture
CKS 462	2009	Orthopaedic flannelette bandages

CKS 463	2013	Non-body-worn urinary drainage bags
CKS 464	2010	Non-woven surgical dressings
CKS 468	2009	Tooth-extracting forceps
CKS 469	2009	Medical scissors
CKS 471	1976	Side upper leather (with a smooth corrected grain)
CKS 479	2007	Grain sorghum malt
CKS 488	2008	Field dress material (polyester-and-cotton)
CKS 489	2011	EPDM-styrene rubber sheet (for waterproofing)
CKS 497	2013	Organic chlorine bleach
CKS 499	2013	Laundry alkali
CKS 500	1978	Recommended yarn linear densities (cotton industry)
CKS 503	1978	Coal tar fuels
CKS 517	2011	Rubber and plastics sports balls (medicine, medau, and gymnastics)
CKS 553	1980	Unproofed core-spun ducks
CKS 554	1980	Processed core-spun ducks
CKS 556	2009	Mobile medicine (utility drug) cabinet
CKS 562	1982	Mosquito netting
CKS 583	1983	Special requirements for resin-treated cellulosic fabrics
CKS 587	1983	Trichloroisocyanurate tablets
CKS 596	1998	Scholastic stationery
CKS 605	1987	Pressure regulators for medical gases
CKS 612	1987	Paper for offset lithographic printing
CKS 613	2009	Bed tilting devices
CKS 615	2012	Foam mattresses for hospitals
CKS 617	2009	Footstools for hospital use
CKS 618	2009	Worcestershire sauce
CKS 62	1970	Cleaning benzine
CKS 624	2011	Anaesthetic machines
CKS 629	2002	Processed and low-flammable polyester canvas
CKS 630	2009	Mayonnaise, salad cream and salad dressing
CKS 633	2008	Textured soya protein foodstuffs
CKS 635	2013	Adjustable ward beds
CKS 637	1992	Tents (Hip-roof, cottage, bow and bell types)
CKS 638	2010	Orthopaedic cord
CKS 641	2010	Elasticated tubular bandages
CKS 643	1993	Transparency films for use in photocopiers
CKS 646	2009	Dehydrated vegetables
CKS 648	2010	Elasticated, disposable diapers
CKS 653	1998	Fanfold Stationery
CKS 67	1987	Paper bags
CKS 673	1989	Carbonless copy paper
CKS 675	2012	DDT wettable powder for malaria vector control
CKS 676	2005	Disposable non-woven laminated surgical fabrics
CKS 677	1990	Portable steam sterilizers for unwrapped instruments and utensils
CKS 679	2010	Disposable spun-laced surgical fabric
CKS 190	1973	Printed, side upper leather
CKS 36	2014	Chalk writing boards for schools

**SCHEDULE 6: 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. Gauteng head office, 1 Dr Lategan Road, Groenkloof, Private Bag X191, Pretoria 0001.
  2. Western Cape Regional Office, SABS, Liesbeek Park Way, Rosebank, PO Box 615, Rondebosch 7701.
  3. Eastern Cape Regional Office, SABS, 30 Kipling Road, cor. Diaz and Kipling Roads, Port Elizabeth, PO Box 3013, North End 6056.
  4. KwaZulu-Natal Regional Office, SABS, 15 Garth Road, Waterfall Park, Durban, PO Box 30087, Mayville 4058.
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