

DEPARTMENT OF TRADE AND INDUSTRY

NOTICE 774 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 15961-1:2016/ ISO/IEC 15961-1:2013	<i>Information technology – Radio frequency identification (RFID) for item management: Data protocol –Part 1: Application interface.</i> Focuses on the abstract interface between an application and the data processor, and includes the specification and definition of application commands and responses. Allows data and commands to be specified in a standardized way, independent of the particular air interface of ISO/IEC 18000.
SANS 3001-AG9:2016	<i>Civil engineering test methods – Part AG9: Determination of the Treton impact value for aggregates and gravels.</i> Describes a method for determining the Treton impact value of a prepared aggregate or gravel sample, by measuring the fines passing a 2 mm sieve, generated by tamping the fraction of material passing a 20 mm sieve and retained on a 16 mm sieve with a 15 kg weight.
SANS 19135-1:2016/ ISO 19135-1:2015	<i>Geographic information – Procedures for item registration – Part 1: Fundamentals.</i> Specifies procedures to be followed in establishing, maintaining, and publishing registers of unique, unambiguous, and permanent identifiers and meanings that are assigned to items of geographic information. Specifies elements that are necessary to manage the registration of these items.
SANS 19160-1:2016/ ISO 19160-1:2015	<i>Addressing – Part 1: Conceptual model.</i> Defines a conceptual model for address information (address model), together with the terms and definitions that describe the concepts in the model. Lifecycle, metadata, and address aliases are included in the conceptual model. The model is presented in the Unified Modeling Language (UML).
SANS 21101:2016/ ISO 21101:2014	<i>Adventure tourism – Safety management systems – Requirements.</i> Outlines the requirements of a safety management system for adventure tourism activity providers.
SANS 54390:2016/ EN 14390:2007	<i>Fire test – Large-scale room reference test for surface products.</i> Specifies a test method to evaluate the reaction to fire performance of building products.
SANS 60364-7-712:2016/ IEC 60364-7-712:2002	<i>Electrical installations of buildings – Part 7-712: Requirements for special installations or locations – Solar photovoltaic (PV) power supply systems.</i> Specifies requirements for installation of PV power supply systems including systems with AC modules.
SANS 60704-2-6:2016/ IEC 60704-2-6:2012	<i>Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2-6: Particular requirements for tumble dryers.</i> Applies to single unit electric tumble dryers intended for placing on the floor against a wall, building in or placing under a counter, a kitchen work-top or under a sink, wall-mounting or mounting on a counter.
SANS 61511-1:2016/ IEC 61511-1:2003	<i>Functional safety – Safety instrumented systems for the process industry sector – Part 1: Framework, definitions, systems, hardware and software requirements.</i> Gives requirements for the specification, design, installation, operation and maintenance of a safety instrumented system.
SANS 61511-2:2016/ IEC 61511-2:2003	<i>Functional safety – Safety instrumented systems for the process industry sector – Part 2: Guidelines for the application of IEC 61511-1.</i> Provides guidance on the specification, design, installation, operation and maintenance of Safety Instrumented Functions and related safety instrumented system as defined in IEC 61511-1 (published in South Africa as an identical adoption under the designation SANS 61511-1).
SANS 62675:2016/ IEC 62826:2014	<i>Secondary cells and batteries containing alkaline or other non-acid electrolytes – Sealed nickel-metal hydride prismatic rechargeable single cells.</i> Specifies marking, designation, dimensions, tests and requirements for sealed nickel-metal hydride prismatic secondary single cells.
SANS 62826:2016/ IEC 62826:2014	<i>Surface cleaning appliances – Floor treatment machines with or without traction drive, for commercial use – Methods of measuring the performance.</i> Lists the characteristic performance parameters for walk-behind and ride-on floor scrubbers and sweepers and other floor cleaning machines in accordance with IEC 60335-2-72 (published in South Africa as an identical adoption under the designation SANS 60335-2-72).
SANS 301908-16:2016/ ETSI EN 301 908-16:2010	<i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 16: Harmonized EN for IMT-2000, Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) (UE) covering the essential requirements of article 3.2 of the R&TTE Directive.</i> Applies to User Equipment (also denoted as Mobile Stations or Access Terminals) radio type for Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) compliant with TTA-1121.001 [3].

Standard No. and year	Title, scope and purport
SANS 301908-17:2016/ ETSI EN 301 908-17:2010	<i>Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS), Repeaters and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 17: Harmonized EN for IMT-2000, Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) (BS) covering the essential requirements of article 3.2 of the R&TTE Directive. Applies to Base Stations radio equipment type (also known as Access Networks) for Evolved CDMA Multi-Carrier Ultra Mobile Broadband (UMB) compliant with TIA-1121.001 [4].</i>
SATR 61968-900:2016/ IEC/TR 61968-900:2015	<i>Application integration at electric utilities – System interfaces for distribution management – Part 900: Guidance for implementation of IEC 61968-9. Serves as an application guide for the implementation of IEC 61968-9 (published in South Africa as an identical adoption under the designation SANS 61968-9.</i>
SATS 17021-5:2016/ ISO/IEC TS 17021-5:2014	<i>Conformity assessment -Requirements for bodies providing audit and certification of management systems – Part 5: Competence requirements for auditing and certification of asset management systems. Specifies additional competence requirements for personnel involved in the certification process for asset management systems.</i>

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
ARP 013:2016 (E.d 4)	<i>Rules for the structure and drafting of national standards. Specifies rules for the structure and drafting of documents intended to become South African National Standards and other normative documents. Does not specify the typography and layout of published documents, which are determined by the formatting rules of the SABS Standards Division.</i>
SANS 199:2016 (E.d 3.1)	<i>Shut-off valves for transportable, refillable liquefied petroleum gas cylinders. Consolidated edition incorporating amendment No. 1. Amended to update the introduction, the scope, terms and definitions, the requirements for copper alloys and for valve outlet and inlet threads, to refer to bleed valves and screws, to update dimensional details for inlet and outlet connections and valve type tests, to clarify requirements to be tested, to change the annex on production testing and inspection (annex C) from informative to normative, and to update the bibliography.</i>
SANS 290:2016 (E.d 2)	<i>Mineral insulating oils - Management of polychlorinated biphenyls (PCBs) Covers requirements for the management of dielectric fluid that contains PCBs, PCB-contaminated or pure PCB material, and other material that comes into contact with PCB fluid.</i>
SANS 340:2016/ ISO 340:2013 (E.d 3)	<i>Conveyor belts – Laboratory scale flammability characteristics – Requirements and test method. Specifies a method for assessing, on a small scale, the reaction of a conveyor belt to an ignition flame source.</i>
SANS 706:2016 (E.d 1.1)	<i>Leather welting. Consolidated edition incorporating amendment No. 1. Amended to update referenced standards.</i>
SANS 868-3-1:2016 (E.d 1.1)	<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 3-1: Hazardous locations on surface – Basic explosion-protected engines. Consolidated edition incorporating amendment No. 1. Amended to update referenced standards.</i>
SANS 1056-3:2016 (E.d 2.5)	<i>Ball valves Part 3: Light duty valves (not fire-safe). Consolidated edition incorporating amendment No. 5. Amended to update referenced standards, requirements for compression fittings, connections, packaging and marking requirements.</i>
SANS 1520-1:2016 (E.d 2)	<i>Flexible electric trailing cables for use in mines Part 1: cables with operating voltages of 640/1100 V and 1900/3300 V. Covers the construction, materials, dimensions and electrical properties of low-voltage flexible electric trailing cables for use in mines.</i>
SANS 1661:2016/ (E.d 3.1)	<i>Cord extension sets. Consolidated edition incorporating amendment No. 1. Amended to update referenced standards, definitions and particular requirements, to remove the requirements for a thermal overload cut-out for three or more socket-outlets and renumber accordingly, and to add requirements for a daisy chain cord extension set and a thermal overload operating curve.</i>
SANS 1774:2016 (E.d 2)	<i>Liquefied petroleum gases. Specifies requirements for liquefied petroleum gas mixtures intended primarily for use as fuel in domestic, commercial and industrial installations where a fuel volatility between that of commercial propane and commercial butane is acceptable; for commercial propane intended primarily as fuel in installations which are designed to use a fuel of high volatility; and for commercial butane intended primarily as fuel in installations where fuel volatility is not necessarily a criterion.</i>
SANS 3000-2-2:2016 (E.d 2)	<i>Railway safety management – Part 2-2: Requirements for systemic engineering and operational safety standards - Track and associated civil infrastructure and installations. Describes the minimum requirements for track and associated civil infrastructure and installations for network operators, and where relevant, by train and station operators and other interested and affected parties to accomplish the required levels of safety and performance.</i>
SANS 5506:2016/ (E.d 3.2)	<i>Tear resistance of rubber cable sheathing. Consolidated edition incorporating amendment No. 2. Amended to update a referenced standard.</i>
SANS 6210:2016/ (E.d 3.2)	<i>Domestic solar water heaters – Mechanical qualification tests. Consolidated edition incorporating amendment No. 1. Amended to update stagnation test for collectors.</i>