

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NOTICE 3580 OF 2025

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.

SECTION A: DRAFTS FOR COMMENTS

The following draft standards are hereby issued for public comments in compliance with the norm for the development of the South Africa National standards in terms of section 23(2)(a) (ii) of the Standards Act.

| Draft Standard No. and Edition | Title, scope and purport | Closing Date |
|--------------------------------|---|--------------|
| SANS 16422-2:20xx Ed 1 | <p>Pipes and joints made of oriented unplasticized poly(vinyl chloride)(PVC-O) for the conveyance of water under pressure - Part 2:Pipes. <i>This document specifies the characteristics of solid-wall pipes made of oriented unplasticized poly(vinyl chloride) (PVC-O) for piping systems intended to be used underground or above-ground (where protected from direct sunlight), for water supply, buried drainage, sewerage, treated wastewater and irrigation under pressure. It also specifies the test parameters for the test methods referred to in this document. In conjunction with ISO 16422-1 and ISO 16422-5, this document is applicable to oriented PVC-O pipes, with or without integral socket, intended to be used for the following:</i></p> <ul style="list-style-type: none"> <i>a) water mains and services lines;</i> <i>b) conveyance of water for both outside and inside buildings;</i> <i>c) drainage, sewerage and treated wastewater under pressure;</i> <i>d) irrigation under pressure.</i> <p><i>This document is applicable to piping systems intended for the supply of water under pressure up to and including 25 °C (cold water), intended for human consumption and for general purposes as well as for wastewater under pressure.</i></p> <p><i>This document is also applicable to components for the conveyance of water and wastewater up to and including 45 °C. For temperatures between 25 °C and 45 °C, see Figure C.1.</i></p> <p><i>The piping system according to this document is intended for the conveyance of cold water up to pressures of 25 bar1) and especially in those applications where special performance requirements are needed, such as impact loads and pressure fluctuations, up to pressure of 25 bar.</i></p> | 2025-12-30 |
| SANS 9351:20xx Ed 1 | Galvanic anodes for cathodic protection in seawater and saline sediments. <i>This standard defines requirements and gives recommendations for the chemical composition, electrochemical properties, physical tolerances and test and inspection procedures for cast galvanic anodes of aluminium, magnesium and zinc-based alloys for cathodic protection in seawater, saline sediment and brackish water.</i> | 2025-12-30 |
| SANS 15257:20XX Ed 1 | Cathodic protection - Competence levels of cathodic protection persons - Basis for a certification scheme. <i>This standard defines five levels of competence (detailed in clause 4) for persons working in the field of cathodic protection (CP), including survey, design, installation, testing, aintenance and advancing the science of cathodic protection.</i> | 2025-12-30 |
| SANS 16422-1:20xx Ed 1 | <p>Pipes and joints made of oriented unplasticized poly(vinyl chloride) (PVC-O) for the conveyance of water under pressure - Part 1: General. <i>This document specifies the general characteristics of solid-wall pipes made of oriented unplasticized poly(vinyl chloride) (PVC-O) for piping systems intended to be used underground or above-ground (where protected from direct sunlight), for water supply, buried drainage, sewerage, treated waste water and irrigation under pressure.</i></p> <p><i>In conjunction with ISO 16422-2, ISO/TS 16422-3, ISO 16422-5 and ISO 1452-4, this document is applicable to PVC-O pipes and PVC-O fittings, as well as to valves, their joints and to joints with components of other plastics and non-plastics materials intended to be used for the following:</i></p> | 2025-12-30 |

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| | <p>a) water mains and services lines; b) conveyance of water for both outside and inside buildings; c) drainage, sewerage and treated wastewater under pressure; d) irrigation under pressure.</p> <p><i>This document is applicable to piping systems intended for the supply of water under pressure up to and including 25 °C (cold water), intended for human consumption and for general purposes as well as for wastewater under pressure.</i></p> <p><i>This document is also applicable to components for the conveyance of water and wastewater up to and including 45 °C. For temperatures between 25 °C and 45 °C, see ISO 16422-2:2023, Figure C.1.</i></p> <p><i>The piping system according to this document is intended for the conveyance of cold water up to pressures of 25 bar1) and especially in those applications where special performance</i></p> | |
| SANS 16422-5:20xx Ed 1 | Pipes and joints made of oriented unplasticized poly(vinyl chloride)(PVC-O) for the conveyance of water under pressure - Part 5 - Fitness for purpose of the system. <i>This standard specifies the characteristics of the fitness for purpose of oriented unplasticized poly(vinyl chloride) (PVC-O) solid wall piping intended to be used underground or above-ground where protected from direct sunlight, for water supply, buried drainage, sewerage, treated wastewater and irrigation under pressure.</i> | 2025-12-30 |
| SANS 23088:20XX Ed 1 | Gas cylinders: Periodic inspection and testing of welded steel pressure drums Capacities up to 1000 l. <i>This document specifies the requirements for periodic inspection and testing of welded steel transportable pressure drums of water capacity from 150 l up to 1 000 l and up to 300 bar test pressure intended for compressed and liquefied gases.</i> | 2025-12-30 |
| SANS 8825-5:20xx Ed 2 | Information technology - ASN.1 encoding rules - Part 5: Mapping W3C XML schema definitions into ASN.1. <i>This standard specifies two versions of a mapping from any XSD Schema into an Abstract Syntax Notation One (ASN.1) schema. The ASN.1 schema for both versions support the same semantics and validate the same set of XML documents.</i> | 2025-12-30 |
| SANS 19784-1:20XX Ed 2 | Information technology - Biometric application programming interface Part 1: BioAPI specification. <i>This standard defines the Application Programming Interface (API) and Service Provider Interface (SPI) for standard interfaces within a biometric system that support the provision of that biometric system using components from multiple vendors.</i> | 2025-12-30 |
| SANS 3233-1:XXXX Ed 1 | Paints and varnishes - Determination of the percentage volume of non-volatile matter - Part 1: Method using a coated test panel to determine non-volatile matter and to determine dry film density by the Archimedes principle. <i>This document specifies a method for determining the non-volatile matter by volume (NVV) of coating materials and related products by measuring the density of a dried coating for any specified temperature range and period of drying or curing. This method determines the non-volatile matter immediately after application. Using the non-volatile matter by volume results obtained in accordance with this document, it is possible to calculate the spreading rate of coating materials. The method specified in this document is the preferred method for air-drying materials. Its use for other materials has not yet been tested. Annex B gives an overview of the existing methods for determination of non-volatile-matter content and volume of non-volatile matter.</i> <i>This document is not applicable to coating materials in which the critical pigment volume concentration is exceeded.</i> | 2025-12-30 |
| SATR 33402:20xx Ed 1 | Good practice in reference material preparation. <i>This standard gives general information on the key steps for the preparation of candidate matrix reference materials(RMs)including the material specification,sourcing and selection of bulk material, and the processing of the material, which are important steps for the production of matrix RMs.</i> | 2025-12-30 |

SCHEDULE A.1: AMENDMENT OF EXISTING STANDARDS

The following draft amendments are hereby issued for public comments in compliance with the norm for the development of the South African National Standards in terms of section 23(2)(a) (ii) of the Standards Act.

| Draft Standard No. and Edition | Title | Scope of amendment | Closing Date |
|---------------------------------------|--|--|---------------------|
| ARP 060:20XX Ed 1.1 | <i>Guidance on the use and application of hot-dip galvanized steel piping for the transportation of potable water in South Africa</i> | Amended to update referenced standards. | 2025-12-30 |
| SANS 906:20XX Ed 2.4 | <i>Stainless steel wash-hand basins and wash troughs</i> | Amended to delete the appendix on notes to purchasers. | 2025-12-30 |
| SANS 975:20XX Ed 1.8 | <i>Prestressed concrete pipes</i> | Amended to update definitions, the subclause on materials and applicable standards | 2025-12-30 |
| SANS 986:XXXX Ed 3.4 | <i>Precast reinforced concrete culverts</i> | Amended to delete the annex on notes to purchasers. | 2025-12-30 |
| SANS 1407:20XX Ed 2.3 | <i>Anodized coatings on aluminium (for general applications)</i> | Amended to delete the annex on notes to purchasers. | 2025-12-30 |
| SANS 1493:20XX Ed 1.3 | <i>Electroless nickel-phosphorus plated coatings</i> | Amended to delete annex of notes to purchasers | 2025-12-30 |
| SANS 1626:XXXX Ed 1.3 | <i>Electrodeposited coatings of silver and silver alloys for decorative and protective purposes</i> | Amended to delete the annex on notes to purchasers. | 2025-12-30 |
| SANS 1627:XXXX Ed 1.3 | <i>Electrodeposited coatings of gold and gold alloys for decorative and protective purposes</i> | Amended to delete the annex on notes to purchasers. | 2025-12-30 |
| SANS 1465-1:20XX Ed 1.3 | <i>Steel castings for general engineering applications Part 1: Carbon and low alloy steel castings</i> | Amended to remove note to purchasers. | |
| SANS 10087-1:20XX Ed 7.1 | <i>The handling, storage, distribution and maintenance of liquefied petroleum gas in domestic, commercial, and industrial installations Part 1: Liquefied petroleum gas installations involving gas storage containers of individual water capacity not exceeding 500 L and a combined water capacity not exceeding 3 000 L per installation</i> | Amended to update the clauses on containers, piping, fittings, and other components, inspection, testing, and instruction to users, electrical equipment and other sources of ignition, and on decommissioning of LPG installations, and the annex on determination of pipe sizes. | 2025-12-30 |
| SANS 10237:202x Ed 2.1 | <i>The design, testing and installation of self-supporting metal cladding.</i> | Amended to delete referenced standard and to reduce the spacing of the indelible distinctive mark from 3,0 m interval to 1,8 m. | 2025-12-30 |
| SANS 10260-1:202x Ed 2.1 | <i>Industrial gas pipelines Part 1: Design, Construction, Installation, Operation, Examination and Maintenance (Excluding Acetylene)</i> | Amended to update table 3, figure 9, the requirements on routing in ducts, and the clause on use of the pressure system. | 2025-12-30 |
| SANS 907:20XX Ed 2.2 | <i>Stainless steel sinks for institutional use</i> | Amended to delete annex of notes to purchasers | 2025-12-30 |
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If your organization is interested in participating in these committees, or would like to send comments on draft documents, please send an e-mail to Dsscomments@sabs.co.za for more information.

SCHEDULE 5: ADDRESS OF THE SOUTH AFRICAN BUREAU OF STANDARDS HEAD OFFICE

Copies of the standards mentioned in this notice can be obtained from the Head Office of the South African Bureau of Standards at 1 Dr Lategan Road, Groenkloof, Private Bag X191, Pretoria 0001.