July 2015

Welcome to Standards Australia’s Sector Updates for July 2015.

Throughout this document, covering all 12 sectors, you will find information relating to approved Standards development projects, draft Standards that are currently out for public comment, recently published documents and publications that have been withdrawn.

Please click on your sector of interest.

~ Agriculture, Forestry, Fishing and Food
~ Mining
~ Manufacturing and Processing
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~ Water and Waste Services
~ Transport and Logistics
~ Health and Community Services
~ Consumer Products & Services and Safety
~ Education and Training Services
~ Communications, Information Technology and e-Commerce Services
~ Public Safety, Public Administration; Business and Management

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Web: Simply fill in the form on our website https://crmportal.standards.org.au/enquiry
New Projects
No new projects have been approved for development for the Agriculture, Forestry, Fishing and Food Sector between 4 June 2015 and 1 July 2015.

Drafts for Public Comment
The Drafts for Public Comment stage is an important part of the Standards development process. Draft Standards documents are circulated for public comment to ensure the wider community of stakeholders have the opportunity to input to the development of a Standard. All comments are considered in detail by the relevant Committee and, if necessary, further drafting is undertaken.

**Water microbiology - Part 17.1: Spores of Clostridium perfringens - Membrane filtration method**
Draft No: DR AS 4276.17.1:2015
Committee: FT-020
Date that comment closes: 1 July 2015

**Water microbiology - Method 23: Soils, sediments, sludges, slurries and bio-solids - Procedures for sample preparation**
Draft No: DR AS 4276.23:2015
Committee: FT-020
Date that comment closes: 3 July 2015

The full list of drafts for public comment, across all sectors, can also be found by visiting [www.standards.org.au](http://www.standards.org.au) then clicking on Drafts for Public Comment.

Recently Published Documents
Below is a list of Australian Standards published for the Agriculture, Forestry, Fishing and Food Sector between 1 July 2014 and 1 July 2015.

Copies of these Australian Standards are available for purchase from Standards Australia’s publisher, SAI Global: [www.saiglobal.com/shop](http://www.saiglobal.com/shop).

Should you wish to provide feedback regarding the publication please do so by contacting the Standards Australia Customer Information Service.

**Sensory analysis - Part 1.1: Methodology - General guidance**
Product Designation: AS 2542.1.1
Scope: Adopts ISO 6658:2005 to provide general guidance on the use of sensory analysis, including tests for the examination of food and techniques to be used if statistical analysis of the results is required.

**Sensory analysis - Part 1.3: Methodology - Selection, training and monitoring of selected assessors and expert sensory assessors**
Product Designation: AS 2542.1.3
Scope: Adopts ISO 8586:2012 to provide guidelines for the selection, training and monitoring of assessors participating in sensory analysis.
Sensory analysis - Part 2.2: Methodology - Triangle test
Product Designation: AS 2542.2.2
Scope: Adopts ISO 4120:2004 to provide a procedure for determining whether a perceptible sensory difference or similarity exists between samples of two products. The method is a forced-choice procedure. The method is applicable whether a difference exists in a single sensory attribute or in several attributes.

Sensory analysis - Part 2.3: Methodology - Guidelines for the use of quantitative response scales (rating)
Product Designation: AS 2542.2.3
Scope: Adopts ISO 4121:2003 to provide guidelines describing quantitative response scales (where the response obtained indicates the intensity of perception) and their use when assessing samples.

Sensory analysis - Part 2.4: Methodology - Duo-trio test
Product Designation: AS 2542.2.4
Scope: Provides a procedure for determining whether a perceptible sensory difference or similarity exists between samples of two products. The method is applicable whether a difference exists in a single sensory attribute or in several attributes.

Sensory analysis - Part 2.5: Methodology - 'A-not A' test
Product Designation: AS 2542.2.5
Scope: This Standard sets out a method for the ‘A–not A’ test for use in the sensory analysis of foods.

Sensory analysis - Part 2.6: Methodology - Ranking
Product Designation: AS 2542.2.6
Scope: Adopts ISO 8587:2006 to provide a procedure for determining the rank order in a specified attribute or criterion for three or more samples.

Sensory analysis - Part 3: Vocabulary
Product Designation: AS 2542.3
Scope: Adopts ISO 5492:2008 to provide definitions of terms that are used in Australia for sensory analysis.

Food microbiology - Method 6: Examination for specific organisms - Campylobacter
Product Designation: AS 5013.6
Scope: This Standard sets out reference methods for the detection and enumeration of Campylobacter jejuni and Campylobacter coli in meat and poultry.
History: Originated as AS 1766.2.13—1991. Revised and designated as AS 5013.6:2015.

Guide to determining the equivalence of food microbiology test methods - Part 1: Qualitative tests
Product Designation: AS 4659.1
Scope: This Standard sets out a protocol that may be used to determine whether an alternate method will yield a result equivalent to an Australian Standard food microbiology method (AS 5013 series), the result for which is reported as ‘detected’ or ‘not detected’.
Guide to determining the equivalence of food microbiology test methods - Part 2:
Quantitative tests
Product Designation: AS 4659.2
Scope: This Standard sets out a protocol that may be used to determine whether an alternate
enumeration method will yield an equivalent result to an Australian Standard food microbiology
method (AS 5013 series).
as AS 4659.2:2015.

Guide to determining the equivalence of food microbiology test methods - Part 3:
Confirmation tests
Product Designation: AS 4659.3
Scope: This Standard sets out a protocol that may be used to determine whether an alternate
method will yield a result equivalent to an Australian Standard, food microbiology method
(AS 5013 series), for confirmation tests using a pure culture.
as AS 4659.3:2015.

Tree stock for landscape use
Product Designation: AS 2303
Scope: Specifies above-ground and below-ground requirements for trees that are to be
supplied for landscape use. It sets out requirements for containerized, bare rooted and ex-
ground trees and applies to all stages of tree growth, from propagation through to dispatch.
History: First published as AS 2303:2015.

Withdrawals and Reconfirmations

Standards Australia is committed to maintaining a contemporary and relevant suite of
Australian Standards. This is to ensure our stakeholders, and especially the users of products
and services based on our Standards, are confident that our Standards mirror contemporary
practice, are technologically up to date, and reflect current views on safety, quality and
environmental impact.

For a list of aged Australian Standards that are proposed for withdrawal or reconfirmation,
please refer to the "Proposed Projects and Withdrawals" section on the Standards Australia
website.

No Australian Standards have been submitted for withdrawal for the Agriculture, Forestry,
Fishing and Food Sector between 4 June 2015 and 1 July 2015.
International Participation

Proposal on a new field of technical activity: Rare Earth

The scope of this new field of technical activity is standardisation in the field of rare earth ores, concentrates, metals, alloys, compounds, materials, including the reuse and recycling of waste rare earth products.

It is proposed to develop a three-category standard system for the full life cycle of rare earth, the first category being basic standards; the second, testing and analysis standards; and the third, rare earth product standards.

– Category 1: Basic standards; terms and definitions; designation system; packing, marking, transport and storage;
– Category 2: Testing and analysis standards; chemical analysis of rare earth concentrates, metals and materials; determination of particle size and specific surface area of rare earth compounds;
– Category 3: Product standards; rare earth product standards from concentrates to materials, including reuse and recycling aspects.

Priorities will be given to the items listed in the first and second categories, because common understanding of definitions and common testing methods are essential for producers and users of rare earths globally. They are the base for the standardisation of rare earths internationally.

For more information or to provide any comments on this proposal, please email Jonathan Russell, National Sector Manager: Jonathan.Russell@standards.org.au, by 10 August 2015.

New Projects

No new projects have been approved for development for the Mining Sector between 4 June 2015 and 1 July 2015.

Drafts for Public Comment

The Drafts for Public Comment stage is an important part of the Standards development process. Draft Standards documents are circulated for public comment to ensure the wider community of stakeholders have the opportunity to input to the development of a Standard. All comments are considered in detail by the relevant Committee and, if necessary, further drafting is undertaken.

There are currently no drafts at public comment stage for the Mining Sector between 4 June 2015 and 1 July 2015.

The full list of drafts for public comment, across all sectors, can also be found by visiting www.standards.org.au then clicking on Drafts for Public Comment.
Recently Published Documents

Below is a list of Australian Standards published for the Mining Sector between 1 July 2014 and 1 July 2015.

Copies of these Australian Standards are available for purchase from Standards Australia’s publisher, SAI Global: www.saiglobal.com/shop.

Should you wish to provide feedback regarding the publication please do so by contacting the Standards Australia Customer Information Service.

Certified reference materials - Part 2.32: Iron ore - Preparation and certification of ASCRM-032 (Pilbara Hematite)
Product Designation: SA TR 2.32
Scope: This document describes the preparation and certification of the certified reference material ASCRM-032 (Pilbara Hematite).
History: Originated as SA TR 2.32—2014. Reissued incorporating Amendment No. 1 (September 2014).

Refractories and refractory materials - Physical test methods - Method 5: Determination of bulk density, apparent porosity and true porosity (ISO 5017:2013, MOD)
Product Designation: AS 1774.5
Scope: This Standard is an adoption with national modifications and has been reproduced from ISO 5017:2013, Dense shaped refractory products—Determination of bulk density, apparent porosity and true porosity, and has been varied as indicated to take account of Australian conditions. Appendix ZZ lists the variations to ISO 5017:2013 for the application of this Standard in Australia.

Underground mining—Shaft equipment - Part 6: Fixed guides, rope guides and rubbing ropes for conveyances
Product Designation: AS/NZS 3785.6
Scope: Specifies requirements for fixed guides, rope guides and rubbing ropes for conveyances used in vertical mine shafts.

Withdrawals and Reconfirmations

Standards Australia is committed to maintaining a contemporary and relevant suite of Australian Standards. This is to ensure our stakeholders, and especially the users of products and services based on our Standards, are confident that our Standards mirror contemporary practice, are technologically up to date, and reflect current views on safety, quality and environmental impact.

For a list of aged Australian Standards that are proposed for withdrawal or reconfirmation, please refer to the "Proposed Projects and Withdrawals" section on the Standards Australia website.

No Australian Standards have been submitted for withdrawal for the Mining Sector between 4 June 2015 and 1 July 2015.
New Projects

No new projects have been approved for development for the Manufacturing and Processing Sector between 4 June 2015 and 1 July 2015.

Drafts for Public Comment

The Drafts for Public Comment stage is an important part of the Standards development process. Draft Standards documents are circulated for public comment to ensure the wider community of stakeholders have the opportunity to input to the development of a Standard. All comments are considered in detail by the relevant Committee and, if necessary, further drafting is undertaken.

PVC-U pipes and fittings for drain, waste and vent application
Draft No: DR AS/NZS 1260:2015
Committee: PL-021
Date that comment closes: 29 July 2015

ISO metric hexagon bolts and screws - Product grades A and B - Part 1: Bolts
Draft No: DR AS 1110.1:2015
Committee: ME-029
Date that comment closes: 15 July 2015

ISO metric hexagon bolts and screws - Product grades A and B - Part 2: Screws
Draft No: DR AS 1110.2:2015
Committee: ME-029
Date that comment closes: 15 July 2015

ISO metric hexagon bolts and screws - Product grade C - Part 1: Bolts
Draft No: DR AS 1111.1:2015
Committee: ME-029
Date that comment closes: 15 July 2015

ISO metric hexagon bolts and screws - Product grade C - Part 2: Screws
Draft No: DR AS 1111.2:2015
Committee: ME-029
Date that comment closes: 15 July 2015

Mechanical properties of fasteners made of carbon steel and alloy steel - Part 1: Bolts, screws and studs
Draft No: DR AS 4291.1:2015
Committee: ME-029
Date that comment closes: 15 July 2015

Mechanical properties of fasteners made of carbon steel and alloy steel - Part 5: Set screws and similar threaded fasteners not under tensile stress
Draft No: DR AS 4291.5:2015
Committee: ME-029
Date that comment closes: 15 July 2015

Hexagon head tapping screws
Draft No: DR AS/NZS 4402:2015
Committee: ME-029
Date that comment closes: 15 July 2015
Slotted pan head tapping screws
Draft No: DR AS/NZS 4403:2015
Committee: ME-029
Date that comment closes: 15 July 2015

Slotted countersunk (flat) head tapping screws (common head style)
Draft No: DR AS/NZS 4404:2015
Committee: ME-029
Date that comment closes: 15 July 2015

Slotted raised countersunk (oval) head tapping screws (common head style)
Draft No: DR AS/NZS 4405:2015
Committee: ME-029
Date that comment closes: 15 July 2015

Cross-recessed pan head tapping screws
Draft No: DR AS/NZS 4406:2015
Committee: ME-029
Date that comment closes: 15 July 2015

Cross-recessed countersunk (flat) head tapping screws (common head style)
Draft No: DR AS/NZS 4407:2015
Committee: ME-029
Date that comment closes: 15 July 2015

Cross-recessed raised countersunk (oval) head tapping screws
Draft No: DR AS/NZS 4408:2015
Committee: ME-029
Date that comment closes: 15 July 2015

Hexagon washer head tapping screws
Draft No: DR AS/NZS 4409:2015
Committee: ME-029
Date that comment closes: 15 July 2015

Heat-treated steel tapping screws - Mechanical properties
Draft No: DR AS/NZS 4412:2015
Committee: ME-029
Date that comment closes: 15 July 2015

Supplementary cementitious materials - Part 1: Fly ash
Draft No: DR AS/NZS 3582.1:2015
Committee: BD-031
Date that comment closes: 13 August 2015

Supplementary cementitious materials - Part 2: Slag - Ground granulated blast-furnace
Draft No: DR AS 3582.2:2015
Committee: BD-031
Date that comment closes: 13 August 2015

Supplementary cementitious materials - Part 3: Amorphous silica
Draft No: DR AS/NZS 3582.3:2015
Committee: BD-031
Date that comment closes: 13 August 2015

Aggregates and rock for engineering purposes - Part 1: Concrete aggregates
Committee: CE-012
Date that comment closes: 2 September 2015

The full list of drafts for public comment, across all sectors, can also be found by visiting www.standards.org.au then clicking on Drafts for Public Comment.
Recently Published Documents

Below is a list of Australian Standards published for the Manufacturing and Processing Sector between 1 July 2014 and 1 July 2015.

Copies of these Australian Standards are available for purchase from Standards Australia’s publisher, SAI Global: www.saiglobal.com/shop.

Should you wish to provide feedback regarding the publication please do so by contacting the Standards Australia Customer Information Service.

Product Designation: AS/NZS 2535.1
Scope: Establishes methods for determining the thermal performance of glazed liquid heating solar collectors. It provides test methods and calculation procedures for determining the steady-state and quasi-steady-state thermal performance of solar collectors. The Standard is technically equivalent to and has been reproduced from ISO 9806-1:1994.

Plastics piping systems for soil and waste discharge (low and high temperature) inside buildings - Polypropylene (PP) (ISO 7671:2003, MOD)
Product Designation: AS/NZS 7671
Scope: N/A

Methods for sampling and testing aggregates – Method 60.1: Potential alkali-silica reactivity – Accelerated mortar bar method
Product Designation: AS 1141.60.1
Scope: Sets out the procedure to classify aggregate according to its susceptibility to alkali attack leading to expansive reactions in concrete.
History: First published as AS 1141.60.1:2014.

Methods for sampling and testing aggregates – Method 60.2: Potential alkali-silica reactivity – Concrete prism method
Product Designation: AS 1141.60.2
Scope: Sets out the procedure to classify aggregate according to its susceptibility to alkali attack leading to expansive reactions in concrete.
History: First published as AS 1141.60.2:2014.

Short-link chain for lifting purposes
Product Designation: AS 2321
Scope: Specifies requirements for non-calibrated short-link chain for lifting purposes, which is manufactured from welded round-steel short links.

Protective helmets for structural firefighting
Product Designation: AS/NZS 4067
Scope: Specifies requirements for helmets designed to protect the head from a blow by a heavy or sharp object, as well as adverse environmental conditions likely to be encountered in structural firefighting.
Methods of sampling and testing asphalt - Method 8: Voids and volumetric properties of compacted asphalt mixes
Product Designation: AS/NZS 2891.8
Scope: This Standard sets out the method for determining the following properties of compacted asphalt: (a) Percentage air voids from separately determined values of bulk density and maximum density. (b) Absorbed binder, effective binder, maximum theoretical density, voids in the mineral aggregate, and voids filled with binder where the proportions of component materials are known.

Methods of sampling and testing asphalt - Method 9.1: Determination of bulk density of compacted asphalt - Waxing procedure
Product Designation: AS/NZS 2891.9.1
Scope: This Standard sets out the method for determining the bulk density of compacted dense graded asphalt using a waxing procedure.

Methods of sampling and testing asphalt - Method 9.2: Determination of bulk density of compacted asphalt - Presaturation method
Product Designation: AS/NZS 2891.9.2
Scope: This Standard sets out the method for determining the bulk density of compacted asphalt using a presaturation procedure. The test method is applicable only to dense graded asphalt having a water absorption by volume no more than 2.0% or stone mastic asphalt having a water absorption by volume no more than 1.0%, as calculated in Clause 7.1.

Methods of sampling and testing asphalt - Method 9.3: Determination of bulk density of compacted asphalt - Mensuration method
Product Designation: AS/NZS 2891.9.3
Scope: This Standard sets out the method for determining the bulk density by measurement of compacted asphalt specimens. The method is particularly appropriate for use with open-graded mix or dense-graded mix with surface voids larger than 3 mm diameter.

Solar and heat pump water heaters - Design and construction
Product Designation: AS/NZS 2712
Scope: Specifies performance-based requirements for the design and construction of both components of solar and heat pump hot water supply systems, and complete systems, for household premises and for commercial and industrial installations comparable with household installations, intended to deliver drinking water of acceptable quality.

Non-destructive testing - Qualification and certification of NDT personnel
Product Designation: AS ISO 9712
Scope: Adopts ISO 9712:2012 to specify requirements for principles for the qualification and certification of personnel who perform industrial non-destructive testing (NDT).
Aggregates and rock for engineering purposes - Part 1: Concrete aggregates
Product Designation: AS 2758.1
Scope: Provides a basis for specifying requirements for aggregates intended for use in the production of concrete, including precast products.

Heated water systems - Calculation of energy consumption
Product Designation: AS/NZS 4234
Scope: This Standard sets out a method of evaluating the annual energy performance of water heaters using a combination of test results for component performance and a mathematical model to determine the standardized annual purchased energy use.

Children’s nightwear and limited daywear having reduced fire hazard
Product Designation: AS/NZS 1249
Scope: Specifies design, flammability performance and labelling requirements for four categories of children’s nightwear garments, together with some daywear/underwear items that may be commonly used as nightwear.

Structural steel welding - Part 1: Welding of steel structures
Product Designation: AS/NZS 1554.1
Scope: Specifies requirements for the welding of steel structures made up of combinations of steel plate, sheet or sections, including hollow sections and built-up sections, or castings and forgings.

Structural steel welding - Part 3: Welding of reinforcing steel
Product Designation: AS/NZS 1554.3
Scope: Specifies requirements for the welding of reinforcing steel used in concrete structures that are designed and constructed in accordance with AS 3600 or NZS 3101.1, as well as other Standards that may be appropriate. It also applies to the welding of steel connection devices, inserts, anchors and anchor details, including prefabricated assemblies required in reinforced and precast concrete constructions.

Structural steel welding - Part 4: Welding of high strength quenched and tempered steels
Product Designation: AS/NZS 1554.4
Scope: Specifies requirements for the welding of steel structures made up of combinations of steel plate, sheet or sections, including hollow sections and built up sections, or castings and forgings.

Structural steel welding - Part 5: Welding of steel structures subject to high levels of fatigue loading
Product Designation: AS/NZS 1554.5
Scope: Specifies requirements for the welding of steel structures made up of combinations of steel plate, sheet or sections, including hollow sections and built-up sections, or castings and forgings.
Structural steel welding - Part 7: Welding of sheet steel structures
Product Designation: AS/NZS 1554.7
Scope: Specifies requirements for the arc welding of steel structures made up of combinations of steel plate, sheet or sections, including pipe, hollow sections and built up sections (collectively referred to herein as sheet steels) up to 4.8 mm in thickness.

Safety of machinery - Part 1100: Application guide
Product Designation: AS/NZS 4024.1100
Scope: Provides background information and an application guide for the AS/(NZS) 4024.1 series.

Methods of testing concrete - Method 5: Determination of mass per unit volume of freshly mixed concrete
Product Designation: AS 1012.5
Scope: Sets out the method for determining the mass per unit volume of freshly mixed concrete that is in the plastic state.

Methods of testing concrete - Method 6: Determination of bleeding of concrete
Product Designation: AS 1012.6
Scope: Sets out the method for determining the relative quantity and rate that mixing water will bleed from a sample of freshly mixed concrete under the conditions of the test.

Pressure equipment - Hazard levels
Product Designation: AS 4343
Scope: Specifies criteria for determining the hazard levels of various types of pressure equipment to AS/NZS 1200. It also classifies fluids for use with pressure equipment.

Methods of sampling and testing asphalt - Method 2.1: Sample preparation - Mixing, quartering and conditioning of asphalt in the laboratory
Product Designation: AS/NZS 2891.2.1
Scope: Sets out a method for mixing, quartering and conditioning of asphalt mixes prepared in a laboratory.

Condition monitoring and diagnostics of machines - Requirements for qualification and assessment of personnel - Part 4: Field lubricant analysis
Product Designation: AS ISO 18436.4
Scope: Adopts ISO 18436-4:2014, which specifies the requirements for qualification and assessment of personnel who perform machinery condition monitoring and diagnostics using field lubricant analysis.
History: First published as AS ISO 18436.4:2014.

Condition monitoring and diagnostics of machines - Requirements for qualification and assessment of personnel - Part 6: Acoustic emission
Product Designation: AS ISO 18436.6
Condition monitoring and diagnostics of machines - Requirements for qualification and assessment of personnel - Part 7: Thermography
Product Designation: AS ISO 18436.7
Scope: Adopts ISO 18436-7:2014, which specifies the requirements for qualification and assessment of personnel who perform machinery condition monitoring and diagnostics using field lubricant analysis.
History: First published as AS ISO 18436.7:2014.

Methods for sampling and testing aggregates - Method 28: Ball mill value
Product Designation: AS 1141.28
Scope: This Standard sets out the method for the determination of the Ball mill value of rock spalls, drill cores and ripped or broken rock.

Methods for sampling and testing aggregates - Method 29: Accelerated soundness index by reflux
Product Designation: AS 1141.29
Scope: This Standard sets out the method used to estimate the durability of a basaltic source rock or product by providing a measure of the amount of physical degradation induced in the sample by immersion in boiling ethylene glycol.

Guide to the protection of structural steel against atmospheric corrosion by the use of protective coatings - Part 1: Paint coatings
Product Designation: AS/NZS 2312.1
Scope: Provides guidelines for the selection and specification of paint coating systems for the protection of structural steel work against atmospheric corrosion.

Guide to the protection of structural steel against atmospheric corrosion by the use of protective coatings - Part 2: Hot dip galvanizing
Product Designation: AS/NZS 2312.2
Scope: Provides guidelines and recommendations regarding general principles of design, appropriate for articles to be hot dip galvanized for corrosion protection.

Cathodic protection of metals - Part 1: Pipes and cables
Product Designation: AS 2832.1
Scope: Specifies requirements for the cathodic protection of buried or submerged metallic pipes and cables. This Standard does not apply to offshore submarine pipelines.

Pressure equipment - Conformity assessment
Product Designation: AS 3920
Scope: Specifies the minimum requirements for the assessment for conformity of boilers, pressure vessels and pressure piping, including pressure-retaining accessories, to a nominated, recognized pressure equipment Standard or Code.

Non-destructive testing - Qualification and certification of NDT personnel
Product Designation: AS ISO 9712
Scope: Adopts ISO 9712:2012 to specify requirements for principles for the qualification and certification of personnel who perform industrial non-destructive testing (NDT).
Methods for sampling and testing aggregates - Method 27: Resistance to wear by attrition
Product Designation: AS 1141.27
Scope: Sets out the method for testing aggregate or rock for resistance to wear using the Deval attrition machine, and for measuring the attrition value of freshly crushed rock.

Methods of testing concrete - Method 3.5: Determination of properties related to the consistency of concrete - Slump flow, T500 and J-ring test
Product Designation: AS 1012.3.5
Scope: Sets out the method for determining the slump flow of self compacting concrete (SCC) with a measurable diameter of spread of the flowing concrete in excess of 500 mm when the nominal size of aggregate does not exceed 20 mm.
History: First published as AS 1012.3.5:2015.

Methods of testing concrete - Method 8.3: Methods of making and curing concrete - Mortar and grout specimens
Product Designation: AS 1012.8.3
Scope: This Standard sets out the method for making, curing and testing mortar and grout cubes for compression sampled in the laboratory or in the field.
History: First published as AS 1012.8.3:2015.

Methods of testing concrete - Method 24: Determination of the tensile bond strength of concrete - Repairs and strengthening systems
Product Designation: AS 1012.24
Scope: This Standard describes a procedure for the determination of the tensile bond strength of concrete repairs, which use mortars, grouts, concretes and other products. This method also applies for the determination of the tensile bond strength of concrete strengthening systems such as fibre reinforced polymer (FRP) composites.
History: First published as AS 1012.24:2015.

Cranes, hoists and winches - Part 11: Vehicle-loading cranes (EN 12999:2011, MOD)
Product Designation: AS 1418.11
Scope: Sets out requirements for vehicle-loading cranes.
Reissued incorporating Amendment No. 1 (March 2015).

Specification and supply of concrete
Product Designation: AS 1379
Scope: Sets out minimum requirements for the materials, plant and equipment used in the supply of concrete; the production and, if applicable, the delivery of concrete in the plastic state; specifying, sampling, testing and compliance with specified properties of plastic and hardened concrete; and the uniformity of mixing.

Methods of testing bitumen and related roadmaking products - Method 21: Sample preparation
Product Designation: AS/NZS 2341.21
Scope: Sets out sample preparation protocols applying to all samples of bitumen (including multigrade bitumen), bituminous emulsion and cutback bitumen that are to be tested in accordance with the test methods in the AS/NZS 2341 series (see AS/NZS 2341.0) and for all test methods specified in AS 2008, AS 1160 and AS 2157.
Methods for sampling and testing aggregates - Method 2: Basic testing equipment
Product Designation: AS 1141.2
Scope: Sets out requirements for basic equipment used in the performance of tests of the AS 1141 (AS/NZS 1141) series. Calibration and maintenance requirements for equipment are included in this Standard, which are intended to apply to the equipment listed in this Method and to equipment required in other parts of the AS 1141 (AS/NZS 1141) series.

Methods for sampling and testing aggregates - Method 12: Materials finer than 75 μm in aggregates (by washing)
Product Designation: AS 1141.12
Scope: Sets out the method for the determination of the amount of material finer than 75 μm in aggregate, by washing.

Methods for sampling and testing aggregates - Method 31: Light particles
Product Designation: AS 1141.31
Scope: Sets out the method for determining the amount of light particles (i.e. particles whose density is less than 2.0 g/mL) in fine and coarse aggregates.

Plain washers for metric bolts, screws and nuts for general purposes - Part 1: General plan
Product Designation: AS 1237.1
Scope: Specifies the nominal dimensions for plain washers product grades A and C for use with metric general-purpose bolts, screws and nuts with nominal thread diameter from 1 mm to 150 mm inclusive. This Standard is identical with and has been reproduced from ISO 887:2000.

Methods of testing concrete - Method 23: Water content of freshly mixed concrete - Microwave oven method
Product Designation: AS 1012.23
Scope: Provides a method of estimation of the free water content of fresh concrete using a relatively high-powered microwave oven within a short period of time.
History: First published as AS 1012.23:2015.

Methods of sampling and testing asphalt - Method 5: Compaction of asphalt by Marshall method and determination of stability and flow - Marshall procedure
Product Designation: AS/NZS 2891.5
Scope: Sets out the method for preparing specimens of asphalt (either produced in the laboratory or at a mixing plant) by the Marshall procedure and determining stability and flow values of the specimens using the Marshall apparatus. It is applicable to asphalt mixes not exceeding 20 mm nominal size.

Methods of sampling and testing asphalt - Method 7.1: Determination of maximum density of asphalt - Water displacement method
Product Designation: AS/NZS 2891.7.1
Scope: Determines the maximum density of asphalt by displacement of water using either an on balance method or an under balance weighing method.

Pulps - Sampling for testing
Product Designation: AS/NZS ISO 7213
Methods of test for pulp and paper - Part 206s: Freeness of pulp
Product Designation: AS/NZS 1301.206s
Scope: Specifies a procedure for determining the drainage properties of pulp stock.

Methods of test for pulp and paper - Part 418s: Ash content of wood, pulp, paper and board
Product Designation: AS/NZS 1301.418s
Scope: Specifies procedures for the determination of ash content of all types of wood, pulp, paper and board.

Methods for sampling and testing aggregates - Method 33: Clay and fine silt (settling method)
Product Designation: AS 1141.33
Scope: Describes a settling test which may be used in the field or laboratory as a guide to the amount of fine silt, clay and similar materials in fine aggregates. The test is not recommended for fine aggregates known to have more than 10% passing the 75 \( \mu \)m sieve aperture as it is unlikely that the clay and fine silt will separate from sand-sized particles in the settling column. The test may not be suitable for fine aggregates containing some active clays as these clays may not separate from the sand during the settlement period. This test is not suitable for testing manufactured sands.

Methods for sampling and testing aggregates - Part 1: Definitions
Product Designation: AS 1141.1
Scope: Defines terms used in the AS 1141 series of methods for the sampling and testing of aggregates used in concrete, asphalt, sprayed bituminous surfacings, pavements, railway ballast and for other engineering purposes.

Gas cylinders - Part 5: Filling, inspection and testing of refillable cylinders
Product Designation: AS 2030.5
Scope: Specifies requirements for the filling, inspection and testing of refillable gas cylinders for the storage and transport of compressed and liquefied gases, of water capacity ranging from 0.1 kg to 3000 kg.

Methods of testing bitumen and related roadmaking products - Method 2: Determination of dynamic viscosity by vacuum capillary viscometer
Product Designation: AS/NZS 2341.2
Scope: Sets out procedures for the determination of dynamic viscosity of materials having viscosities in the range 0.0036 Pa.s to 580 000 Pa.s, using two different types of vacuum capillary viscometers. In particular, the method is applicable to bitumen for pavements (as specified in AS 2008), and cutback bitumen (as specified in AS 2157).

Methods of test for pulp and paper - Method 426s: Paper and board - Determination of thickness, density and specific volume
Product Designation: AS/NZS 1301.426s
Scope: Adopts ISO 534:2011 to specify methods for measuring the thickness of paper and board and of calculating the apparent bulk density or the apparent sheet density.
Cranes, hoists and winches - Part 11: Vehicle-loading cranes (EN 12999:2011, MOD)
Product Designation: AS 1418.11
Scope: Sets out requirements for vehicle-loading cranes.

Alkali Aggregate Reaction - Guidelines on Minimising the Risk of Damage to Concrete Structures in Australia
Product Designation: SA HB 79
Scope: Considers the phenomenon of alkali aggregate reaction (AAR) in concrete and makes recommendations for its practical management in Australia, and in particular, provides guidance for the specification of future work.

Methods of testing concrete - Method 8.4: Method for making and curing concrete - Drying shrinkage specimens prepared in the field or in the laboratory
Product Designation: AS 1012.8.4
Scope: This Standard sets out a method for preparing concrete drying shrinkage specimens. It provides for preparation of specimens in the laboratory or in the field, in which the nominal size of aggregate in the concrete, in accordance with AS 2758.1, does not exceed 40 mm.
History: First published as part of AS 1012.13—1970. Revised and redesignated as AS 1012.8.4:2015.

Methods of testing concrete - Method 13: Determination of the drying shrinkage of concrete for samples prepared in the field or in the laboratory
Product Designation: AS 1012.13
Scope: This Standard sets out a method for curing concrete shrinkage specimens in the laboratory, and for determining the length changes of these specimens due to drying in air. It provides for testing of specimens prepared in the laboratory or in the field in accordance with AS 1012.8.4, in which the nominal size of aggregate in the concrete, in accordance with AS 2758.1, does not exceed 40 mm.

Protective footwear for firefighters - Requirements and test methods (EN 15090:2012, MOD) (Ruling 1 to AS/NZS 4821:2014)
Product Designation: AS/NZS 4821 Rul 1
Scope: N/A

Bar chairs in reinforced concrete - Product requirements and test methods
Product Designation: AS/NZS 2425
Scope: Specifies requirements for bar chairs and spacers, including continuous bar chairs, and covers strength, permanent deflection, accuracy of manufacturing within acceptable tolerances (dimensions and stability), identification/batch/supplier traceability and fixing.
History: First published as AS/NZS 2425:2015.

Methods of sampling and testing asphalt - Method 10: Moisture content of asphalt
Product Designation: AS/NZS 2891.10
Scope: Sets out the method for determining the moisture content of asphalt by oven drying.

Freight containers - Part 1: Classification, dimensions and ratings (ISO 668:2013, MOD)
Product Designation: AS 3711.1
Scope: Adopts ISO 668:2013, which establishes a classification of series 1 freight containers based on external dimensions, and specifies the associated ratings and, where appropriate, the minimum internal and door opening dimensions for certain types of containers.
Product Designation: AS 3711.2
Scope: Adopts ISO 830:1999, which presents definitions of terms relating to freight containers.

Freight containers - Part 3: Corner fittings (ISO 1161:1984, MOD)
Product Designation: AS 3711.3
Scope: Adopts ISO 1161:1984, which establishes the basic dimensions and the functional and strength requirements of corner fittings for series 1 freight containers, i.e. containers which conform to ISO 668 and ISO 1496 with the exception of air mode containers (see ISO 8323).

Freight containers - Part 4: General purpose containers (ISO 1496-1:2013, MOD)
Product Designation: AS 3711.4
Scope: Adopts ISO 1496-1:2013, which specifies the basic specifications and testing requirements for ISO series 1 freight containers of the totally enclosed general purpose types and certain specific purpose types (closed, vented, ventilated or open top) which are suitable for international exchange and for conveyance by road, rail and sea, including interchange between these forms of transport.

Product Designation: AS 3711.5
Scope: Adopts ISO 1496-2:2008, which gives the basic specifications and testing requirements for ISO series 1 thermal containers for international exchange and for conveyance of goods by road, rail and sea, including interchange between these forms of transport.

Series R freight containers - Part 1: Requirements for container compliance
Product Designation: AS 4615.1
Scope: Sets out minimum requirements for the compliance of series R freight containers prior to transport use.

Series R freight containers - Part 2: Platform and platform-based containers
Product Designation: AS 4615.2
Scope: Sets out basic specifications and testing requirements for series R freight containers of the platform and platform-based types with nominal lengths of 12 m (40 ft) and 6 m (20 ft).

Aggregates and rock for engineering purposes - Part 7: Railway ballast
Product Designation: AS 2758.7
Scope: Provides a basis for specifying requirements for aggregates intended for use as railway ballast.

Withdrawals and Reconfirmations
Standards Australia is committed to maintaining a contemporary and relevant suite of Australian Standards. This is to ensure our stakeholders, and especially the users of products and services based on our Standards, are confident that our Standards mirror contemporary practice, are technologically up to date, and reflect current views on safety, quality and environmental impact.

For a list of aged Australian Standards that are proposed for withdrawal or reconfirmation, please refer to the "Proposed Projects and Withdrawals" section on the Standards Australia website.

No Australian Standards have been submitted for withdrawal for the Manufacturing and Processing Sector between 4 June 2015 and 1 July 2015.
New Projects

No new projects have been approved for development for the Building and Construction Sector between 4 June 2015 and 1 July 2015.

Drafts for Public Comment

The Drafts for Public Comment stage is an important part of the Standards development process. Draft Standards documents are circulated for public comment to ensure the wider community of stakeholders have the opportunity to input to the development of a Standard. All comments are considered in detail by the relevant Committee and, if necessary, further drafting is undertaken.

Methods of testing soils for engineering purposes - Method 1.3.1: Sampling and preparation of soils - Undisturbed samples - Standard method
Draft No: DR AS 1289.1.3.1:2015
Committee: CE-009
Date that comment closes: 15 July 2015

Pliable building membranes and underlays - Part 1: Materials
Draft No: DR AS/NZS 4200.1:2015
Committee: BD-058
Date that comment closes: 17 July 2015

Pliable building membranes and underlays - Part 2: Installation
Draft No: DR AS 4200.2:2015
Committee: BD-058
Date that comment closes: 17 July 2015

Parking facilities - Part 3: Bicycle parking
Draft No DR AS 2890.3:2015
Committee: CE-001
Date that comment closes: 23 July 2015

Bridge design - Part 1: Scope and general principles
Draft No DR AS 5100.1:2015
Committee: BD-090
Date that comment closes: 14 August 2015

Methods of testing roof tiles - Method 8: Adhesive mechanical fasteners - Flexible pointing
Draft No DR AS 4046.8:2015
Committee: BD-008
Date that comment closes: 17 August 2015

Timber structures - Part 1: Design methods
Draft No DR AS 1720.1-2010 Amd 3:2015
Committee: TM-010
Date that comment closes: 28 July 2015
Methods of testing soils for engineering purposes - Method 6.4.1: Soil strength and consolidation tests - Determination of compressive strength of a soil - Compressive strength of a specimen tested in undrained triaxial compression without measurement of pore water pressure
Draft No DR AS 1289.6.4.1:2015
Committee: CE-009
Date that comment closes: 19 August 2015

The full list of drafts for public comment, across all sectors, can also be found by visiting www.standards.org.au then clicking on Drafts for Public Comment.

Recently Published Documents
Below is a list of Australian Standards published for the Building and Construction Sector between 1 July 2014 and 1 July 2015.

Copies of these Australian Standards are available for purchase from Standards Australia’s publisher, SAI Global: www.saiglobal.com/shop.

Should you wish to provide feedback regarding the publication please do so by contacting the Standards Australia Customer Information Service.

Emergency escape lighting and exit signs for buildings - Part 1: System design, installation and operation
Product Designation: AS 2293.1
Scope: Specifies the requirements for the design and installation of systems of emergency escape lighting and illuminated exit signage intended to illuminate upon failure of supply to the normal lighting. Includes requirements specific to central battery and single point/self contained arrangements. Does not include standby lighting or high risk task area lighting. Does not specify the types of buildings where these systems are required. Does not specify maintenance requirements (Refer to AS 2293.2). Does not detail constructional requirements for complying exit signs (Refer to AS 2293.3). Includes basic information to assist in correct choice and spacings of exit signs.

Methods of testing soils for engineering purposes - Method 3.8.3: Soil classification tests - Dispersion - Determination of pinhole dispersion classification of a soil
Product Designation: AS 1289.3.8.3:2014
Scope: Sets out the method for the determination of pinhole dispersion classification of compacted fine-grained soil; the test is carried out on the portion of soil passing the 2.36 mm aperture sieve.

Windows and external glazed doors in buildings
Product Designation: AS 2047
Scope: Sets out requirements for materials, construction, installation and glazing for external windows, sliding and swinging glazed doors, including French and bi-fold doors, adjustable louvres, shopfronts and window walls with one-piece framing elements.
Methods of testing soils for engineering purposes - Method 6.1.1: Soil strength and consolidation tests - Determination of the California Bearing Ratio of a soil - Standard laboratory method for a remoulded specimen

Product Designation: AS 1289.6.1.1
Scope: This Standard sets out a method for determining the California Bearing Ratio (CBR) of a soil when compacted and tested in the laboratory. The CBR value is measured on the fraction of material passing the 19 mm sieve. This Standard is not applicable to materials with more than 20% retained on the 19 mm sieve.

Termite management - Part 1: New building work

Product Designation: AS 3660.1
Scope: Sets out requirements for the design and construction of subterranean termite management systems for new buildings and new building work.

Termite management - Part 3: Assessment criteria for termite management systems

Product Designation: AS 3660.3
Scope: Specifies the criteria for assessing the effectiveness of termite management systems intended for use in buildings and structures as required by AS 3660.1 or AS 3660.2. It also outlines procedures to assess the ability of a system and its components to manage termite activity in and around buildings and structures.

Methods of testing soils for engineering purposes - Part 0: Definitions and general requirements

Product Designation: AS 1289.0
Scope: This Standard provides general requirements and information for the methods in the AS 1289 series. It provides the following: (a) A list of related documents. (b) Definitions. (c) General requirements for apparatus used in a number of the methods and a list of Standards with which that apparatus is required to comply. (d) Soil groups for use in a number of the methods and related provisions.

Lifts, escalators and moving walks - Ruling 1: Low rise platforms for passengers (Ruling to AS 1735.14-1998)

Product Designation: AS 1735.14-1998 Rul 1
Scope: Sets out Rulings to AS 1735.14—1998, which provide interpretations to specific enquiries that have a wide area of practical application but are generally not suitable for inclusion in the Standard.

Methods for fire tests on building materials, components and structures - Part 4: Fire-resistance tests for elements of construction

Product Designation: AS 1530.4
Scope: Sets out test procedures and criteria for the determination of fire-resistance of elements of building construction.
Design for access and mobility - Part 4.1: Means to assist the orientation of people with vision impairment - Tactile ground surface indicators
Product Designation: AS/NZS 1428.4.1
Scope: Sets out requirements for the design and application of tactile ground surface indicators for new buildings to ensure safe and dignified mobility of people who are blind or vision impaired.

Fire detection and alarm systems - Part 3: Audible alarm systems
Product Designation: AS ISO 7240.3

Fire detection and alarm systems - Part 23: Visual alarm systems
Product Designation: AS ISO 7240.23
Scope: Sets out requirements and methods of test for visual alarm devices in fire detection and fire alarm systems and emergency warning control and indicating equipment in and around buildings. Identical with and reproduced from ISO 7240-23:2013.

Smoke alarms using scattered light, transmitted light or ionization
Product Designation: AS 3786
Scope: Specifies requirements, test methods and functional criteria for smoke alarms that operate using scattered light, transmitted light or ionization, intended for household or similar residential applications.

Methods of testing soil for engineering purposes - Method 3.8.3: Soil classification tests - Dispersion - Determination of pinhole dispersion classification of a soil
Product Designation: AS 1289.3.8.3
Scope: Sets out the method for the determination of pinhole dispersion classification of compacted fine-grained soil; the test is carried out on the portion of soil passing the 2.36 mm aperture sieve.

Scaffolding - Part 3: Prefabricated and tube-and-coupler scaffolding
Product Designation: AS/NZS 1576.3
Scope: Specifies product information to be included with and test and performance requirements for prefabricated and tube-and-coupler scaffolding.

Lifts, escalators and moving walks - Part 5: Escalators and moving walks
Product Designation: AS 1735.5
Scope: Adopts EN 115-1:2008, which sets out requirements for the construction and installation of escalators and moving walks for carrying passengers.
Masonry structures
Product Designation: AS 3700
Scope: Provides designers, engineers and specifiers with the minimum requirements for the
design and construction of unreinforced, reinforced and prestressed masonry, including built-in
components, for use in masonry applications.
incorporating Amendment No. 2 (April 2015).

Fire detection and alarm systems - Part 24: Sound-system loudspeakers
Product Designation: AS ISO 7240.24
Scope: Adopts ISO 7240-24:2010, including Amendment 1:2013, which sets out requirements
and methods of test for sound-system loudspeakers in fire detection and fire alarm systems and
emergency warning control and indicating equipment in and around buildings.

Safety requirements for lifts (elevators) - Part 1: Global essential safety requirements
(GESRs)
Product Designation: AS ISO 22559.1
Scope: Specifies global essential safety requirements (GESRs) for lifts (elevators), their
components and functions, and establishes a system and provides methods for minimizing
safety risks that may arise in the course of the operation and use of, or work on, lifts (elevators).
History: First published as AS ISO 22559.1:2015.

Roof safety mesh
Product Designation: AS/NZS 4389
Scope: Sets out requirements for the design, construction, testing and installation of roof safety
mesh as a primary means for fall protection when working at heights in domestic, commercial
and industrial building applications that use metal or timber purlins, or a tested supporting
member.
1639—1990 and AS 2424—1991 revised, amalgamated and redesignated in part as AS/NZS

Withdrawals and Reconfirmations
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Standards. This is to ensure our stakeholders, and especially the users of products and services
based on our Standards, are confident that our Standards mirror contemporary practice, are
technologically up to date, and reflect current views on safety, quality and environmental impact.

For a list of aged Australian Standards that are proposed for withdrawal or reconfirmation,
please refer to the “Proposed Projects and Withdrawals” section on the Standards Australia
website.

No Australian Standards have been submitted for withdrawal for the Building and Construction
Sector between 4 June 2015 and 1 July 2015.
New Projects
No new projects have been approved for development for the Electrotechnology and Energy Sector between 4 June 2015 and 1 July 2015.

Drafts for Public Comment
The Drafts for Public Comment stage is an important part of the Standards development process. Draft Standards documents are circulated for public comment to ensure the wider community of stakeholders have the opportunity to input to the development of a Standard. All comments are considered in detail by the relevant Committee and, if necessary, further drafting is undertaken.

Luminaires - Part 2.12: Particular requirements - Mains socketoutlet mounted nightlights (IEC 60598-2-12, Ed 2.0 (2013) MOD)
Draft No: DR AS/NZS 60598.2.12:2015
Committee: EL-041
Date that comment closes: 14 July 2015

Household and similar electrical appliances - Safety - Part 2.40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers
Draft No: DR 15901
Committee: EL-002
Date that comment closes: 24 July 2015

Household and similar electrical appliances - Safety - Part 2.58: Particular requirements for commercial electric dishwashing machines
Draft No: DR 15902
Committee: EL-002
Date that comment closes: 24 July 2015

Household and similar electrical appliances - Safety - Part 2.65: Particular requirements for air-cleaning appliances
Draft No: DR 15903
Committee: EL-002
Date that comment closes: 24 July 2015

Household and similar electrical appliances - Safety - Part 2.81: Particular requirements for foot warmers and heating mats
Draft No: DR 15904
Committee: EL-002
Date that comment closes: 24 July 2015

Household and similar electrical appliances - Safety - Part 2.82: Particular requirements for amusement machines and personal service machines
Draft No: DR 15905
Committee: EL-002
Date that comment closes: 24 July 2015

Household and similar electrical appliances - Safety - Part 2.95: Particular requirements for drives for vertically moving garage doors for residential use
Draft No: DR 15906
Committee: EL-002
Date that comment closes: 24 July 2015
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 2.9: Particular requirements for hand-held tappers and threaders
Draft No: DR 15907
Committee: EL-002
Date that comment closes: 24 July 2015

Household and similar electrical appliances - Safety - Part 2.111: Particular requirements for electric ondol mattress with a non-flexible heated part
Draft No: DR 15908
Committee: EL-002
Date that comment closes: 24 July 2015

Household and similar electrical appliances - Safety - Part 1: General requirements
Draft No: DR 15909
Committee: EL-002
Date that comment closes: 24 July 2015

Household and similar electrical appliances - Safety - Part 2.11: Particular requirements for tumble dryers
Draft No: DR 15910
Committee: EL-002
Date that comment closes: 24 July 2015

Household and similar electrical appliances - Safety - Part 2.2: Particular requirements for vacuum cleaners and water-suction cleaning appliances
Draft No: DR 15911
Committee: EL-002
Date that comment closes: 24 July 2015

Amendment No. 3 to AS/NZS 60335.2.30:2009 Household and similar electrical appliances - Safety - Part 2.30: Particular requirements for room heaters
Draft No: DR 15912
Committee: EL-002
Date that comment closes: 24 July 2015

Amendment No. 1 to AS/NZS 60335.2.30:2015 Household and similar electrical appliances - Safety - Part 2.30: Particular requirements for room heaters
Draft No: DR 15913
Committee: EL-002
Date that comment closes: 24 July 2015

Household and similar electrical appliances - Safety - Part 2.31: Particular requirements for range hoods and other cooking fume extractors
Draft No: DR 15914
Committee: EL-002
Date that comment closes: 24 July 2015

Household and similar electrical appliances - Safety - Part 2.4: Particular requirements for spin extractors
Draft No: DR 15915
Committee: EL-002
Date that comment closes: 24 July 2015

Household and similar electrical appliances - Safety - Part 2.5: Particular requirements for dishwashers
Draft No: DR 15916
Committee: EL-002
Date that comment closes: 24 July 2015
Household and similar electrical appliances - Safety - Part 2.6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances
Draft No: DR 15917
Committee: EL-002
Date that comment closes: 24 July 2015

Household and similar electrical appliances - Safety - Part 2.7: Particular requirements for washing machines
Draft No: DR 15918
Committee: EL-002
Date that comment closes: 24 July 2015

Household and similar electrical appliances - Safety - Part 2.9: Particular requirements for grills, toasters and similar portable cooking appliances
Draft No: DR 15919
Committee: EL-002
Date that comment closes: 24 July 2015

Safety of power transformers, power supplies, reactors and similar products - Part 1: General requirements and tests
Draft No: DR 15920
Committee: EL-002
Date that comment closes: 24 July 2015

Approval and test specification - Lampholder adaptors
Draft No: DR AS/NZS 3119:2015
Committee: EL-041
Date that comment closes: 20 July 2015

Approval and test specification - Electric shaver supply units
Draft No: DR AS/NZS 3194:2015
Committee: EL-004
Date that comment closes: 13 August 2015

Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures ‘d’
Draft No: DR AS/NZS 60079.1:2015
Committee: EL-014
Date that comment closes: 7 August 2015

Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure ‘p’
Draft No: DR AS/NZS 60079.2:2015
Committee: EL-014
Date that comment closes: 7 August 2015

Explosive atmospheres - Part 5: Equipment protection by powdered filling ‘q’
Draft No: DR AS/NZS 60079.5:2015
Committee: EL-014
Date that comment closes: 7 August 2015

Explosive atmospheres - Part 6: Equipment protection by oil immersion ‘o’
Draft No: DR AS/NZS 60079.6:2015
Committee: EL-014
Date that comment closes: 7 August 2015

Explosive atmospheres - Part 10.2: Classification of areas—Combustible dust atmospheres
Draft No: DR AS/NZS 60079.10.2:2015
Committee: EL-014
Date that comment closes: 7 August 2015

Explosive atmospheres - Part 26: Equipment with equipment protection level (EPL) Ga
Draft No: DR AS/NZS 60079.26:2015
Committee: EL-014
Date that comment closes: 7 August 2015
Explosive atmospheres - Part 29.2: Gas detectors - Selection, installation, use and maintenance of detectors for flammable gases and oxygen
Draft No: DR AS/NZS 60079.29.2:2015
Committee: EL-014
Date that comment closes: 7 August 2015

The full list of drafts for public comment, across all sectors, can also be found by visiting [www.standards.org.au](http://www.standards.org.au) then clicking on Drafts for Public Comment.

Recently Published Documents

Below is a list of Australian Standards published for the Electrotechnology and Energy Sector between 1 July 2014 and 1 July 2015.

Copies of these Australian Standards are available for purchase from Standards Australia’s publisher, SAI Global: [www.saiglobal.com/shop](http://www.saiglobal.com/shop).

Should you wish to provide feedback regarding the publication please do so by contacting the Standards Australia Customer Information Service.

Double-capped fluorescent lamps - Performance specifications – Part 3: Procedure for quantitative analysis of mercury present in fluorescent lamps
Product Designation: AS/NZS 4782.3
Scope: Specifies sample preparation and test method procedure to determine the mercury content in fluorescent lamps.

Product Designation: AS/NZS 3823.4.1
Scope: Adopts ISO 16358-1:2013 with national modifications to provide a method of testing and calculating the seasonal performance factor of equipment using temperature bin distributions.
History: First published as AS/NZS 3823.4.1:2014.

Product Designation: AS/NZS 3823.4.2
Scope: Adopts ISO 16358-2:2013 with national modifications to provide a method of testing and calculating the seasonal performance factor of equipment using temperature bin distributions.
History: First published as AS/NZS 3823.4.2:2014.

Product Designation: AS/NZS 3823.4.3
Scope: Adopts ISO 16358-3:2013 to provide a method of testing and calculating the annual performance factor of equipment using temperature bin distributions.
History: First published as AS/NZS 3823.4.3:2014.

Energy audits - Part 1: Commercial buildings
Product Designation: AS/NZS 3598.1
Scope: Sets out minimum requirements for commissioning and conducting three prescribed types of commercial building energy audits that identify opportunities for cost effective investments to improve energy performance.
Energy audits - Part 2: Industrial and related activities
Product Designation: AS/NZS 3598.2
Scope: Sets out minimum requirements for commissioning and conducting three prescribed types of industrial energy audits that identify opportunities for cost effective investments to improve energy performance of industrial facilities (including quarries, mines and upstream petroleum operations).

Energy audits - Part 3: Transport related activities
Product Designation: AS/NZS 3598.3
Scope: Sets out minimum requirements for commissioning and conducting three prescribed types of transport system energy audits that identify opportunities for cost effective investments to improve energy performance.

Installation and safety requirements for photovoltaic (PV) arrays
Product Designation: AS/NZS 5033
Scope: Sets out general installation and safety requirements for photovoltaic (PV) arrays, including d.c. array wiring, electrical protection devices, switching and earthing up to but not including energy storage devices, power conversion equipment or loads.

Lighting for roads and public spaces - Part 5: Tunnels and underpasses
Product Designation: AS/NZS 1158.5
Scope: Specifies performance and design requirements for lighting schemes for tunnels and underpasses. It also specifies the luminaire data and other design data that is needed to facilitate the lighting design and the assessment of compliance with the requirements of this Standard.

Demand response capabilities and supporting technologies for electrical products - Part 3.1: Interaction of demand response enabling devices and electrical products - Operational instructions and connections for air conditioners
Product Designation: AS/NZS 4755.3.1
Scope: Specifies a set of operational instructions that will meet the requirements of remote agents wishing to control the energy consumption and operation of air conditioners and establishes a consistent approach to the method of connecting the demand response interface to the demand response enabling device (DRED).

Approval and test specification - Air-break switches
Product Designation: AS/NZS 3133
Scope: Specifies requirements for air-break switches having current ratings not exceeding 125 A for use in electrical circuits and equipment operating at low voltage but not exceeding 500 V and intended for household or similar use and for use in indoor and outdoor electrical installations. To be read in conjunction with AS/NZS 3100.

Household and similar electrical appliances – Safety – Part 2.110: Particular requirements for commercial microwave appliances with insertion or contacting appliances
Product Designation: AS/NZS 60335.2.110
Scope: This International Standard deals with the safety of microwave appliances intended for commercial use, their rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral and 480 V for other appliances.
History: Originated in Australia and New Zealand as AS/NZS 60335.2.110:2014.
Household and similar electrical appliances – Safety – Part 2.84: Particular requirements for toilet appliances
Product Designation: AS/NZS 60335.2.84
Scope: This international standard deals with the safety of electric toilets in which excrement is stored, dried, or destructed, their rated voltage being not more than 250 V. Electric toilets may be used to process garbage such as paper and food waste. This standard also applies to electric equipment for use with conventional toilets, examples of such equipment are automatic seat covering devices; chopping units; heated seats; pumping units; water heaters for shower units.

Household and similar electrical appliances – Safety – Part 2.32: Particular requirements for massage appliances
Product Designation: AS/NZS 60335.2.32
Scope: This international standard deals with the safety of electric massage appliances for household and similar purposes, their rated voltage being not more than 250 V for single phase and 480 V for other appliances. Some examples of appliances within the scope of this standard are foot massagers, hand-held massagers, massage beds, massage chairs, massage pads and massage belts.

Household and similar electrical appliances – Safety – Part 2.9: Particular requirements for grills, toasters and similar appliances (IEC 60335-2-9 Ed 6.1, MOD)
Product Designation: AS/NZS 60335.2.9
Scope: This International Standard deals with the safety of electric portable appliances for household and similar purposes that have a cooking function such as baking, roasting and grilling, their rated voltage being not more than 250 V.

Household and similar electrical appliances – Safety – Part 2.6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances (IEC 60335-2-6 Ed 6, MOD)
Product Designation: AS/NZS 60335.2.6
Scope: This international standard deals with the safety of stationary electric cooking ranges, hobs, ovens and similar appliances for household use, their rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral, and 480 V for other appliances. This International Standard also includes some requirements for ovens that are intended to be used on board ships. Examples of appliances that are within the scope of this standard are griddles; grills; induction hobs; induction wok elements; pyrolytic self-cleaning ovens and steam ovens.

Household and similar electrical appliances – Safety – Part 1: General requirements
Product Designation: AS/NZS 60335.1
Scope: This Standard is an adoption with national modifications of the fifth edition of IEC 60335-1, Household and similar electrical appliances – Safety – Part 1: General requirements including its Corrigendum 1 (July 2010). It has been varied as indicated to take account of Australian and New Zealand conditions.
Household and similar electrical appliances – Safety – Part 2.4: Particular requirements for spin extractors
Product Designation: AS/NZS 60335.2.4
Scope: This part is to be used in conjunction with the appropriate Part 2 of AS/NZS 60335. The Parts 2 contain clauses to supplement or modify the corresponding clauses in this part to provide the relevant requirements for each type of appliance. The national variations to the IEC 60335-1 Ed 5 form the Australian and New Zealand national variations for purposes of the IECEE scheme for recognition of results of testing to standards for safety of electrical equipment (the CB scheme).

Household and similar electrical appliances – Safety – Part 2.21: Particular requirements for storage water heaters
Product Designation: AS/NZS 60335.2.21
Scope: This International Standard deals with the safety of electric storage water heaters for household and similar purposes and intended for heating water below boiling temperature, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. However immersion heater units intended to be retrofitted in a heat exchange closed water heater are prohibited unless the immersion heater unit has been tested with the tank models and brands listed in the instructions of the immersion heater unit; the tank models and brands list the models of the immersion heater units that can be retrofitted.

Household and similar electrical appliances – Safety – Part 2.67: Particular requirements for floor treatment machines for commercial use
Product Designation: AS/NZS 60335.2.67
Scope: This International Standard deals with the safety of powered floor treatment machines intended for commercial indoor or outdoor use for scrubbing, wet or dry pick-up, polishing and dry buffing, application of wax, sealing products and powder based detergents, shampooing, stripping, grinding and scarifying of floors with an artificial surface.

Household and similar electrical appliances – Safety – Part 2.75: Particular requirements for commercial dispensing appliances and vending machines
Product Designation: AS/NZS 60335.2.75
Scope: This International Standard deals with the safety of electric commercial dispensing appliances and vending machines for preparation or delivery of food, drinks and consumer products, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances.

Household and similar electrical appliances – Safety – Part 2.98: Particular requirements for spin humidifiers
Product Designation: AS/NZS 60335.2.98
Scope: This International Standard deals with the safety of stand alone electric spin extractors, and spin extractors incorporated in washing machines that have separate containers for washing and spin extraction for household and similar purposes that have a capacity not exceeding 10 kg of dry cloth and a drum peripheral speed not exceeding 50 m/s, their rated voltages being not more than 250 V for single-phase appliances and 480 V for other appliances.
Household and similar electrical appliances – Safety – Part 2.109: Particular requirements for UV water treatment appliances
Product Designation: AS/NZS 60335.2.109
Scope: This international Standard deals with the safety of UV radiation water treatment appliances for household and similar purposes, their rated voltage being not more than 250 V. History: Originated in Australia and New Zealand as AS/NZS 60335.2.109:2011. Reissued incorporating Amendment No. 1 (November 2014).

Approval and test specification - Edison screw lampholders
Product Designation: AS/NZS 3140

Lighting poles and brack arms - Recommended dimensions
Product Designation: AS 1798

Approval and test specification - Bayonet lampholders
Product Designation: AS/NZS 3117

High-voltage switchgear and controlgear - Part 4: Handling procedures for sulphur hexafluoride (SF6) and its mixtures
Product Designation: AS IEC 62271.4
Scope: Adopts IEC 62271-4:2013 to provide procedures for handling of SF6 during installation, commissioning, normal and abnormal operations, and disposal at the end-of-life of high-voltage switchgear and controlgear. History: First published as AS IEC 62271.4:2015.

High-voltage switchgear and controlgear - Part 105: Alternating current switch-fuse combinations for rated voltages about 1kV up to and including 52kV
Product Designation: AS IEC 62271.105

Conduit systems for cable management - Part 1: General requirements
Product Designation: AS/NZS 61386.1
Conduit systems for cable management - Part 21: Particular requirements - Rigid conduit systems
Product Designation: AS/NZS 61386.21
Scope: Specifies particular requirements for rigid conduit systems and smooth bore profile wall conduit systems to be applied in conjunction with the general requirements of AS/NZS 61386.1:2015.

Conduit systems for cable management - Part 22: Particular requirements - Pliable conduit systems
Product Designation: AS/NZS 61386.22
Scope: Specifies particular requirements for pliable conduit systems including self-recovering conduit systems. To be used in conjunction with AS/NZS 2053.1:2013.

Conduit systems for cable management - Part 23: Particular requirements - Flexible conduit systems
Product Designation: AS/NZS 61386.23
Scope: Specifies particular requirements for flexible conduit systems. To be used in conjunction with AS/NZS 2053.1:2013.

Industrial and commercial gas-fired appliances
Product Designation: AS 3814
Scope: Specifies the uniform minimum requirements for the design, construction and safe operation of Type B appliances that are intended for use with town gas, natural gas, simulated natural gas, liquefied petroleum gas and tempered liquefied petroleum gas or any combination of these gases either together or with other fuels.

Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) - Part 1: General rules (IEC 61008-1, Ed. 3.2 (2013) MOD)
Product Designation: AS/NZS 61008.1
Scope: Adopts IEC 61008-1, Ed. 3.2 (2013) to specify requirements for residual current operated circuit-breakers with integral overcurrent protection functionally independent of, or functionally dependent on, line voltage for household and similar uses.

Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBOs) - Part 1: General rules (IEC 61009-1, Ed. 3.2 (2013) MOD)
Product Designation: AS/NZS 61009.1
Scope: Adopts IEC 61009-1, Ed. 3.2 (2013) to specify requirements for residual current operated circuit-breakers with integral overcurrent protection functionally independent of, or functionally dependent on, line voltage for household and similar uses.
**Household and similar electrical appliances - Safety - Part 2.11: Particular requirements for tumble dryers**

Product Designation: AS/NZS 60335.2.11

Scope: This International Standard deals with the safety of electric tumble dryers intended for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. This standard will supersede AS/NZS 60335.2.11:2002, two years from the date of publication. During this period it is anticipated that regulatory authorities will approve tumble dryers to either standard.


**Household and similar electrical appliances - Safety - Part 2.34: Particular requirements for motor-compressors**

Product Designation: AS/NZS 60335.2.34

Scope: This International Standard deals with the safety of sealed (hermetic and semi-hermetic type) motor-compressors, their protection and control systems, if any, which are intended for use in equipment for household and similar purposes and which conform with the standards applicable to such equipment. It applies to motor-compressors tested separately, under the most severe conditions that may be expected to occur in normal use, their rated voltage being not more than 250 V for single-phase motor-compressors and 480 V for other motor-compressors.


**Household and similar electrical appliances - Safety - Part 2.27: Particular requirements for appliances for skin exposure to ultraviolet and infrared radiation**

Product Designation: AS/NZS 60335.2.27

Scope: This International Standard deals with the safety of electrical appliances incorporating emitters for exposing the skin to ultraviolet or infrared radiation, for household and similar use, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. Appliances not intended for normal household use but which nevertheless may be a source of danger to the public, such as appliances intended to be used in tanning salons, beauty parlours and similar premises, are also within the scope of this standard.


**Edison screw lampholders (IEC 60238, Ed. 8.2 (2011) MOD)**

Product Designation: AS/NZS 60238

Scope: Adopts IEC 60238, Ed. 8.2 (2011), which applies to lampholders with Edison thread E14, E27 and E40, designed for connection to the supply of lamps and semi-luminaires only.


**Bayonet lampholders (IEC 61184, Ed. 3.1 (2011) MOD)**

Product Designation: AS/NZS 61184

Scope: Adopts IEC 61184, Ed. 3.1 (2011), which applies to bayonet lampholders B15d and B22d for connection of lamps and semi-luminaires to a supply voltage of 250 V.


**Lighting for roads and public spaces - Part 4: Lighting of pedestrian crossings**

Product Designation: AS/NZS 1158.4

Scope: Specifies performance requirements for designers of pedestrian crossings and manufacturers of luminaires in order to enhance the visibility and safety of pedestrians.

Approval and test specification - Miniature overcurrent circuit-breakers

Product Designation: AS/NZS 3111
Scope: Specifies essential safety requirements for approval and test purposes for miniature overcurrent circuit-breakers. It is intended to be read in conjunction with AS/NZS 3100.

Low-voltage switchgear and controlgear - Part 1: General rules

Product Designation: AS/NZS ISO/IEC 60947.1
Scope: Adopts IEC 60947-1, Ed. 5.2 (2014) to state the general rules and common safety requirements for low voltage switchgear and controlgear.

Low-voltage switchgear and controlgear - Part 2: Circuit-breakers

Product Designation: AS/NZS ISO/IEC 60947.2
Scope: Adopts IEC 60947-2, Ed. 4.2 (2012) which applies to circuit-breakers, the man contacts of which are intended to be connected to circuits, the rates voltage of which does not exceed 1 000 V a.c. or 1 500 V d.c.; it also contains additional requirements for integrally fused circuit-breakers.

Low-voltage switchgear and controlgear - Part 4.1: Contactors and motorstarters - Electromechanical contactors and motor-starters

Product Designation: AS/NZS ISO/IEC 60947.4.1
Scope: Adopts IEC 60947-4-1, Ed. 3.1 (2012) which applies to the types of equipment listed in 1.1.1 and 1.1.2 whose main contacts are intended to be connected to circuits the rated voltage of which does not exceed 1,000 V a.c. or 1,500 V d.c.

Low-voltage switchgear and controlgear - Part 4.2: Contactors and motorstarters - AC semiconductor motor controllers and starters

Product Designation: AS/NZS ISO/IEC 60947.4.2
Scope: Adopts IEC 60947-4-2, Ed. 3.0 (2011) which applies to a.c. semiconductor motor controllers and starters, which may include a series mechanical switching device, intended to be connected to circuits, the rated voltage of which does not exceed 1,000 V a.c.
History: Originated as AS 1202.5–1985. Revised and redesignated as AS/NZS IEC 60947.4.2:2015.

Low-voltage switchgear and controlgear - Part 5.1: Control circuit devices and switching elements - Electromechanical control circuit devices

Product Designation: AS/NZS ISO/IEC 60947.5.1
Scope: Adopts IEC 60947-5-1, Ed. 3.1 (2009) which applies to control circuit devices and switching elements intended for controlling, signalling, interlocking, etc., of switchgear and controlgear. It applies to control circuit devices having a rated voltage not exceeding 1,000 V a.c. (at a frequency not exceeding 1,000 Hz) or 600 V d.c.

Low-voltage switchgear and controlgear - Part 5.2: Control circuit devices and switching elements - Proximity switches

Product Designation: AS/NZS ISO/IEC 60947.5.2
Scope: Adopts IEC 60947-5-2, Ed. 3.1 (2012) which applies to inductive and capacitive proximity switches that sense the presence of metallic and/or non-metallic objects, ultrasonic proximity switches that sense the presence of sound reflecting objects, photoelectric proximity switches that sense the presence of objects and non-mechanical magnetic proximity switches that sense the presence of objects with a magnetic field.
History: Originated as AS 3947.5.2–1995. Revised and redesignated as AS/NZS IEC 60947.5.2:2015.
Low-voltage switchgear and controlgear - Part 5.4: Control circuit devices and switching elements - Method of assessing the performance of low-energy contacts - Special tests
Product Designation: AS/NZS ISO/IEC 60947.5.4
Scope: Adopts IEC 60947-5-4, Ed. 2.0 (2002) which proposes a method of assessing the performances of low energy contacts.
History: Originated as AS/NZS 3947.5.4:2000. Revised and redesignated as AS/NZS IEC 60947.5.4:2015.

Low-voltage switchgear and controlgear - Part 5.7: Control circuit devices and switching elements - Requirements for proximity devices with analogue output
Product Designation: AS/NZS ISO/IEC 60947.5.7
Scope: Adopts IEC 60947-5-7, Ed. 1.0 (2003) which provides requirements for proximity devices with analogue output.
History: Originated as AS 60947.5.7—2004. Revised and redesignated as AS/NZS IEC 60947.5.7:2015.

Low-voltage switchgear and controlgear - Part 5.8: Control circuit devices and switching elements - Three-position enabling switches
Product Designation: AS/NZS ISO/IEC 60947.5.8
Scope: Adopts IEC 60947-5-8, Ed. 1.0 (2006) to specify requirements for three-position enabling switches.
History: First published as AS/NZS IEC 60947.5.8:2015.

Low-voltage switchgear and controlgear - Part 5.9: Control circuit devices and switching elements - Flow rate switches
Product Designation: AS/NZS ISO/IEC 60947.5.9
Scope: Adopts IEC 60947-5-9, Ed. 1.0 (2006) which applies to flow rate switches that sense the rate of flow of a gas, a liquid or a granular solid. These switches change their output state if a pre-set value for the speed of flow is exceeded.
History: First published as AS/NZS IEC 60947.5.9:2015.

Low-voltage switchgear and controlgear - Part 6.2: Multiple function equipment - Control and protective switching devices (or equipment) (CPS)
Product Designation: AS/NZS ISO/IEC 60947.6.2
Scope: Adopts IEC 60947-6-2, Ed. 2.1 (2007) which applies to control and protective switching devices (or equipment) (CPS), the main contacts of which are intended to be connected to circuits of rated voltage not exceeding 1,000 V a.c. or 1,500 V d.c.

Low-voltage switchgear and controlgear - Part 7.1: Ancillary equipment - Terminal blocks for copper conductors
Product Designation: AS/NZS ISO/IEC 60947.7.1
Scope: Adopts IEC 60947-7-1, Ed. 3.0 (2009) which specifies requirements for terminal blocks with screw-type or screwless-type clamping units primarily intended for industrial or similar use and to be fixed to a support to provide electrical and mechanical connection between copper conductors. It applies to terminal blocks intended to connect round copper conductors, with or without special preparation, having a cross-section between 0.2 mm² and 300 mm² (AWG 24/600 kcmil), intended to be used in circuits of a rated voltage not exceeding 1,000 V a.c. up to 1,000 Hz or 1,500 V d.c.
History: Originated as AS 3947.7.1—1996. Revised and redesignated as AS/NZS IEC 60947.7.1:2015.

Low-voltage switchgear and controlgear - Part 7.2: Ancillary equipment - Protective conductor terminal blocks for copper conductors
Product Designation: AS/NZS ISO/IEC 60947.7.2
Scope: Adopts IEC 60947-7-2, Ed. 3.0 (2009) which specifies requirements for protective conductor terminal blocks with PE function up to 120 mm² (250 kcmil) and for protective conductor terminal blocks with PEN function equal to and above 10 mm² (AWG 8) with screw-type or screwless-type clamping units, primarily intended for industrial applications.
History: Originated as AS 3947.7.2—1996. Revised and redesignated as AS/NZS IEC 60947.7.2:2015.
Low-voltage switchgear and controlgear - Part 7.3: Ancillary equipment - Safety requirements for fuse terminal blocks
Product Designation: AS/NZS ISO/IEC 60947.7.3
Scope: Adopts IEC 60947-7-3, Ed. 2.0 (2009) which specifies safety requirements and test methods for the mechanical, electrical and thermal characteristics of fuse terminal blocks, to ensure the compatibility between terminal blocks and standardized fuse-links.
History: Originated as AS 60947.7.3—2004. Revised and redesignated as AS/NZS IEC 60947.7.3:2015.

Low-voltage switchgear and controlgear - Part 7.4: Ancillary equipment - PCB terminal blocks for copper conductors
Product Designation: AS/NZS ISO/IEC 60947.7.4
Scope: Adopts IEC 60947-7.4, Ed. 1.0 (2013) which specifies requirements for PCB terminal blocks primarily intended for industrial or similar use.
History: First published as AS/NZS IEC 60947.7.4:2015.

Low-voltage switchgear and controlgear - Part 8: Control units for built-in thermal protection (PTC) for rotating electrical machines
Product Designation: AS/NZS ISO/IEC 60947.8
Scope: Adopts IEC 60947-8, Ed. 1.2 (2011) which specifies rules for control units, which perform the switching functions in response to the thermal detectors incorporated in rotating electrical machines according to IEC 60034-11, and the industrial application.

Household and similar electrical appliances - Safety - Part 2.30: Particular requirements for room heaters
Product Designation: AS/NZS 60335.2.30
Scope: Deals with the safety of electric room heaters for household and similar purposes, their rated voltage being not more than 250 V for single-phase appliances and 480 V for other appliances. Examples of appliances that are within the scope of this standard are convectors; fan heaters; heaters for use in greenhouses; liquid-filled radiators; panel heaters; radiant heaters; tubular heaters; ceiling mounted heat lamp appliances. For extraction fans of ceiling mounted heat lamp appliances, IEC 60335-2-80 is applicable as far as is reasonable.

Household and similar electrical appliances - Safety - Part 2.90: Particular requirements for commercial microwave ovens
Product Designation: AS/NZS 60335.2.90
Scope: Deals with the safety of microwave ovens with a cavity door intended for commercial use, their rated voltage being not more than 250 V for single-phase appliances connected between one phase and neutral and 480 V for other appliances; the safety of combination microwave ovens with a cavity door, the safety of microwave ovens without a cavity door and with transportation means that are intended for commercial use only, for the heating of food and beverages.

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 1: General requirements (IEC 62841.1 Ed 1, MOD)
Product Designation: AS/NZS 62841.1
Scope: This Standard is an adoption with national modifications of the first edition of IEC 62841-1, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety – Part 1: General requirements. It has been varied as indicated to take account of Australian and New Zealand conditions.
History: Originated as AS/NZS 62841.1:2015.
Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2.2: Particular requirements for hand-held screwdrivers and impact wrenches
Product Designation: AS/NZS 62841.2.2
Scope: This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-002- Safety of Household and Similar Electrical Appliances and Small Power Transformers to supersede AS/NZS 60745.2.2:2009 on 30 June 2018. During this period it is anticipated that regulatory authorities will approve hand-held screwdrivers and impact wrenches to either standard.

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2.4: Particular requirements for hand-held sanders and polishers other than disc type
Product Designation: AS/NZS 62841.2.4
Scope: This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-002- Safety of Household and Similar Electrical Appliances and Small Power Transformers to supersede AS/NZS 60745.2.4:2009 on 30 June 2018. During this period it is anticipated that regulatory authorities will approve hand-held sanders and polishers other than disc type to either standard.

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2.5: Particular requirements for hand-held circular saws
Product Designation: AS/NZS 62841.2.5
Scope: This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-002- Safety of Household and Similar Electrical Appliances and Small Power Transformers to supersede AS/NZS 60745.2.5:2011 on 30 June 2018. During this period it is anticipated that regulatory authorities will approve hand-held circular saws to either standard.

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3.1: Particular requirements for transportable table saws
Product Designation: AS/NZS 62841.3.1
Scope: This part of IEC 62841 applies to transportable table saws with – a toothed single blade; or – stacked blades that cut a single groove or slot; or – a moulding head cutter intended for cutting wood and analogous materials, plastics and nonferrous metals except magnesium with a saw blade diameter between 105 mm and 315 mm, which hereinafter may simply be referred to as saw or tool.
History: Originated as AS/NZS 662841.3.1:2015.

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3.6: Particular requirements for transportable diamond drills with liquid systems
Product Designation: AS/NZS 62841.3.6
Scope: This part of IEC 62841 applies to transportable diamond drills, intended to be connected to a liquid system. Liquid system may include liquid from a pipe or container.
History: Originated as AS/NZS 662841.3.6:2015.

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3.9: Particular requirements for transportable mitre saws
Product Designation: AS/NZS 62841.3.9
Scope: This part of IEC 62841 applies to transportable mitre saws intended to be used with a toothed saw blade for cutting wood and analogous materials, plastics and nonferrous metals except magnesium with a saw blade diameter not exceeding 360 mm, which hereinafter might simply be referred to as saw or tool.
History: Originated as AS/NZS 662841.3.9:2015.
Withdrawals and Reconfirmations

Standards Australia is committed to maintaining a contemporary and relevant suite of Australian Standards. This is to ensure our stakeholders, and especially the users of products and services based on our Standards, are confident that our Standards mirror contemporary practice, are technologically up to date, and reflect current views on safety, quality and environmental impact.

For a list of aged Australian Standards that are proposed for withdrawal or reconfirmation, please refer to the “Proposed Projects and Withdrawals” section on the Standards Australia website.

No Australian Standards have been submitted for withdrawal for the Electrotechnology and Energy Sector between 4 June 2015 and 1 July 2015.
New Projects

No new projects have been approved for development for the Water and Waste Services Sector between 4 June 2015 and 1 July 2015.

Drafts for Public Comment

The Drafts for Public Comment stage is an important part of the Standards development process. Draft Standards documents are circulated for public comment to ensure the wider community of stakeholders have the opportunity to input to the development of a Standard. All comments are considered in detail by the relevant Committee and, if necessary, further drafting is undertaken.

There are currently no drafts at public comment stage for Water and Waste Services Sector between 4 June 2015 and 1 July 2015.

The full list of drafts for public comment, across all sectors, can also be found by visiting www.standards.org.au then clicking on Drafts for Public Comment.

Recently Published Documents

Below is a list of Australian Standards published for the Water and Waste Services Sector between 1 July 2014 and 1 July 2015.

Copies of these Australian Standards are available for purchase from Standards Australia's publisher, SAI Global: www.saiglobal.com/shop.

Should you wish to provide feedback regarding the publication please do so by contacting the Standards Australia Customer Information Service.

Specifications for rainwater goods, accessories and fasteners - Part 1: Metal shape or sheet rainwater goods, metal accessories and fasteners
Product Designation: AS 2179.1
Scope: Specifies requirements for prepainted metal, metal and organic film/metal laminated shape or sheet rainwater goods, and metal accessories and fasteners.

Ductile iron pipes and fittings
Product Designation: AS/NZS 2280
Scope: Specifies requirements for ductile iron pressure pipes centrifugally cast in moulds, and ductile iron fittings of nominal sizes up to and including DN 750.
**Plumbing and drainage - Part 3: Stormwater drainage**

Product Designation: AS/NZS 3500.3

Scope: Sets out requirements for materials, design, installation and testing of roof drainage systems, surface drainage systems and subsoil drainage systems to a point of connection.


**Plumbing and drainage - Part 1: Water services**

Product Designation: AS/NZS 3500.1

Scope: Sets out requirements for the installation of water services from the point of connection to the network utility’s water supply or from an alternative drinking water supply to the points of discharge. This Standard applies to new installations as well as alterations, additions and repairs to existing installations.


**Plumbing and drainage - Part 2: Sanitary plumbing and drainage**

Product Designation: AS/NZS 3500.2

Scope: Specifies requirements for the design and installation of sanitary plumbing and drainage from fixtures to a sewer, common effluent system or an on-site wastewater management system. Applies to new installations, additions or repairs to existing installations.


**Withdrawals and Reconfirmations**

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No Australian Standards have been submitted for withdrawal for the Water and Waste Services Sector between 4 June 2015 and 1 July 2015.
New Projects
No new projects have been approved for development for the Transport and Logistics Sector between 4 June 2015 and 1 July 2015.

Drafts for Public Comment
The Drafts for Public Comment stage is an important part of the Standards development process. Draft Standards documents are circulated for public comment to ensure the wider community of stakeholders have the opportunity to input to the development of a Standard. All comments are considered in detail by the relevant Committee and, if necessary, further drafting is undertaken.

There are currently no drafts at public comment stage for the Transport and Logistics Services Sector between 4 June 2015 and 1 July 2015.

The full list of drafts for public comment, across all sectors, can also be found by visiting www.standards.org.au then clicking on Drafts for Public Comment.

Recently Published Documents
Below is a list of Australian Standards published for the Transport and Logistics Sector between 1 July 2014 and 1 July 2015.

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Should you wish to provide feedback regarding the publication please do so by contacting the Standards Australia Customer Information Service.

Manual of uniform traffic control devices - Part 1: General introduction and index of signs
Product Designation: AS 1742.1
Scope: Specifies road sign classifications, numbering systems and basic design requirements in terms of colour and shape coding. Provides an illustrated index of all road signs and sign types which have a standard sign number, and includes references to other Standards in the AS 1742 series which cover usage of each sign.

Manual of uniform traffic control devices - Part 6: Tourist and services signs
Product Designation: AS 1742.6
Scope: Specifies requirements for traffic control devices for tourist and service facilities and establishments, and features of tourist interest on all roads including expressway type roads. It includes the signposting of tourist information facilities and tourist drives and ways.

Manual of uniform traffic control devices - Part 14: Traffic signals
Product Designation: AS 1742.14
Scope: Specifies the type and layout of signals, aspects and displays to be used at locations controlled by traffic signals including overhead lane control devices. Basic requirements for signs and pavement markings to be used in conjunction with AS 1742.2, are also given. It does not cover railway level crossing signals nor portable traffic signals, which are covered in AS 4191.
Methods of testing child restraints - Method 4: Determination of the force required to adjust a harness
Product Designation: AS/NZS 3629.4
Scope: This Standard sets out the method for determining the force required to adjust a child restraint harness.

Traffic signal lanterns
Product Designation: AS 2144
Scope: This Standard specifies requirements for the design, construction and performance of traffic signal lanterns that use light emitting diode (LED) light sources and are intended to control the movement of vehicles, including bicycles, and pedestrians. It does not apply to the external control equipment that may be necessary for the functioning of the lanterns.

Protective helmets for vehicle users
Product Designation: AS/NZS 1698
Scope: This Standard specifies requirements for protective headgear for vehicle users, designed to mitigate the adverse effect of a blow to the head. The Standard is written with particular reference to motor cyclists, but is also applicable to users of other types of motor vehicles.

Standard alphabets for road signs
Product Designation: AS 1744
Scope: Specifies the forms and dimensions of a range of alphabet series, including characters for letters, numerals and text symbols to be used on standard road signs specified in AS 1743 and AS 1742 (series), and, in general, on any other signs used to convey text information to drivers about the driving task.

Powered industrial trucks - Part 1: General requirements
Product Designation: AS 2359.1
Scope: Sets out additional requirements not found in AS 2359.6 for the design, manufacture, marking and testing of self-propelled industrial trucks (hereafter referred to as 'trucks') and their attachments, as defined in AS 2359.7.

Powered industrial trucks and tractors - Brake performance and component strength
Product Designation: AS ISO 6292
Scope: Adopts ISO 6292:2008 to specify performance, test methods, controls, control forces and component strength for brake systems.
History: First published as AS ISO 6292:2015.
Industrial trucks - Safety requirements and verification - Part 5: Pedestrian-propelled trucks
Product Designation: AS 5144.5
Scope: Adopts ISO 3691.5:2014 to specify safety requirements and the means for their verification for the following types of pedestrian-propelled trucks (hereafter referred to as ‘trucks’), equipped with load-handling devices for normal industrial duties, e.g. fork arms and platforms, or integrated attachments for special applications.

Fork-lift trucks - Hook-on type fork arms and fork arm carriages - Mounting dimensions
Product Designation: AS 5143
Scope: Adopts ISO 2328:2011 to provide designers and manufacturers of powered industrial trucks with dimensions for fork arms and carriages to permit interchangeability of fork arms and attachments.

Powered industrial trucks - Test methods for verification of visibility - Part 1: Sit-on and stand-on operator trucks and variable-reach trucks up to and including 10 t capacity
Product Designation: AS ISO 13564.1
Scope: Adopts ISO 13564-1:2012 to provide designers and manufacturers of powered industrial trucks with the requirements and test procedures for visibility with fork arms. It does not cover trucks with a load.
History: First published as AS ISO 13564.1:2015.

Industrial trucks - Verification of stability - Part 1: General
Product Designation: AS ISO 22915.1
Scope: Adopts ISO 22915-1:2008 to provide designers and manufacturers of powered industrial trucks with the basic test criteria and common requirements when conducting stability tests.
History: First published as AS ISO 22915.1:2015.

Industrial trucks - Verification of stability - Part 2: Counterbalanced trucks with mast
Product Designation: AS ISO 22915.2
Scope: Adopts ISO 22915-2:2008 to provide designers and manufacturers of counterbalance powered industrial trucks with the test criteria when conducting stability tests.

Industrial trucks - Verification of stability - Part 3: Reach and straddle trucks
Product Designation: AS ISO 22915.3
Scope: Adopts ISO 22915-14:2014 to provide designers and manufacturers of reach and straddle powered industrial trucks with the test criteria when conducting stability tests.

Industrial trucks - Verification of stability - Part 4: Pallet stackers, double stackers and order-picking trucks with operator position elevating up to and including 1 200 mm lift height
Product Designation: AS ISO 22915.4
Scope: Adopts ISO 22915-4:2009 to provide designers and manufacturers of pallet stackers, double stackers and low level order-picking trucks with an elevating operator with a lift height up to 1200 mm the test criteria when conducting stability tests.
Industrial trucks - Verification of stability - Part 11: Industrial variable-reach trucks
Product Designation: AS ISO 22915.11
Scope: Adopts ISO 22915-11:2011 to provide designers and manufacturers of industrial variable reach (tele-handlers) with the test criteria when conducting stability tests.

Industrial trucks - Verification of stability - Part 13: Rough-terrain trucks with mast
Product Designation: AS ISO 22915.13
Scope: Adopts ISO 22915-13:2012 to provide designers and manufacturers of rough terrain trucks with a mast the test criteria when conducting stability tests.

Industrial trucks - Verification of stability - Part 14: Rough-terrain variable-reach trucks
Product Designation: AS ISO 22915.14
Scope: Adopts ISO 22915-14:2010 to provide designers and manufacturers of rough terrain variable reach trucks (tele-handlers) with test criteria when conducting stability tests.

Industrial trucks - Verification of stability - Part 16: Pedestrian-propelled trucks
Product Designation: AS ISO 22915.16
Scope: Adopts ISO 22915-16:2014 to provide designers and manufacturers of pedestrian controlled trucks with the test criteria for conducting stability tests.

Industrial trucks - Verification of stability - Part 21: Order-picking trucks with operator position elevating above 1 200 mm
Product Designation: AS ISO 22915.21
Scope: Adopts ISO 22915-21:2009 to provide designers and manufacturers of order-picking trucks with an elevator above 1200 mm, the test criteria for conducting stability tests.

Withdrawals and Reconfirmations

Standards Australia is committed to maintaining a contemporary and relevant suite of Australian Standards. This is to ensure our stakeholders, and especially the users of products and services based on our Standards, are confident that our Standards mirror contemporary practice, are technologically up to date, and reflect current views on safety, quality and environmental impact.

For a list of aged Australian Standards that are proposed for withdrawal or reconfirmation, please refer to the "Proposed Projects and Withdrawals" section on the Standards Australia website.

No Australian Standards have been submitted for withdrawal for the Transport and Logistics Services Sector between 4 June 2015 and 1 July 2015.
New Projects

No new projects have been approved for development for the Health and Community Services Sector between 4 June 2015 and 1 July 2015.

Drafts for Public Comment

The Drafts for Public Comment stage is an important part of the Standards development process. Draft Standards documents are circulated for public comment to ensure the wider community of stakeholders have the opportunity to input to the development of a Standard. All comments are considered in detail by the relevant Committee and, if necessary, further drafting is undertaken.

Wheelchairs - Part 3: Determination of effectiveness of brakes
Draft No: DR AS/NZS ISO 7176.3:2015
Committee: ME-067
Date that comment closes: 1 July 2015

Wheelchairs - Part 8: Requirements and test methods for static, impact and fatigue strengths
Draft No: DR AS/NZS ISO 7176.8:2015
Committee: ME-067
Date that comment closes: 1 July 2015

Wheelchairs - Resistance to ignition of non-integrated seat and back support cushions - Part 10: Requirements and test methods
Draft No: DR AS/NZS ISO 16840.10:2015
Committee: ME-067
Date that comment closes: 1 July 2015

Wheelchair seating - Part 12: Apparatus and method for cushion envelopment testing
Committee: ME-067
Date that comment closes: 1 July 2015

Wheelchair seating - Part 9: Technical guidelines for the use of interface pressure mapping for seating in the clinical setting
Draft No: DR SA/SNZ TR ISO 16840.9:2015
Committee: ME-067
Date that comment closes: 1 July 2015

Safe use of lasers in the building and construction industry
Draft No: DR AS 2397:2015
Committee: SF-019
Date that comment closes: 4 August 2015

The full list of drafts for public comment, across all sectors, can also be found by visiting www.standards.org.au then clicking on Drafts for Public Comment.
Recently Published Documents

Below is a list of Australian Standards published for the Health and Community Services Sector between 1 July 2014 and 1 July 2015.

Copies of these Australian Standards are available for purchase from Standards Australia’s publisher, SAI Global: [www.saiglobal.com/shop](http://www.saiglobal.com/shop).

Should you wish to provide feedback regarding the publication please do so by contacting the Standards Australia Customer Information Service.

**Single-use medical examination gloves - Part 1: Specification for gloves made from rubber latex or rubber solution (ISO 11193-1:2008, MOD)**
Product Designation: AS/NZS 4011.1
Scope: Adopts ISO 11193-1:2008 to specify requirements for packaged sterile, or bulked non-sterile, rubber gloves intended for use in medical examinations and diagnostic or therapeutic procedures to protect the patient and the user from cross-contamination. It also covers rubber gloves intended for use in handling contaminated medical materials.

Product Designation: AS/NZS 4011.2
Scope: Adopts ISO 11193-2:2006 to specify requirements for packaged sterile, or bulked non-sterile, poly(vinyl chloride) gloves intended for use in medical examinations, and diagnostic or therapeutic procedures, to protect the patient and the user from cross-contamination. It also covers poly(vinyl) chloride gloves intended for use in handling contaminated medical materials.

Product Designation: AS/NZS 4179
Scope: Adopts ISO 10282:2014 to specify requirements for packaged sterile rubber gloves intended for use in surgical procedures to protect the patient and the user from cross-contamination. It is applicable to single-use gloves that are worn once and then discarded. It does not apply to examination or procedure gloves.

**Person and provider identification in healthcare**
Product Designation: AS 4846
Scope: Provides a Standard for the healthcare industry on Healthcare Provider and Client Identifiers and Identification processes for clinical and administrative data management purposes.

**Implementation of Health Level Seven (HL7) Version 2.5 - Part 3: Electronic messages for exchange of information on medicines prescription**
Product Designation: AS 4700.3
Scope: This Standard covers implementation of electronic messages for exchange of information on medicines prescriptions in the community and hospital environment using the Health Level Seven (HL7) Version 2.5 protocol.

**CDA rendering interoperability specification**
Product Designation: SA TS 90009
Scope: Describes principles for CDA rendering interoperability and its anticipated benefits, and provides rendering requirements for constructing and presenting CDA documents.
History: First published as SA TS 90009:2014.
Collaborative care - Part 1: Logical content model
Product Designation: SA TS 90005.1
Scope: Provides the common information requirements, rules and logical information concepts across the domains of e-referral, event summary, shared health summary and specialist letter, and should be read in conjunction with the relevant part in this series for each domain.
History: First published as SA TS 90005.1:2014

Collaborative care - Part 2.1: E-referral logical content specification
Product Designation: SA TS 90005.2.1
Scope: A logical content specification for e-referrals; specifies the information structure of e-referrals in order to support the transfer of information about a specialist consultation initiated by a referral. Not a standalone document, this document has to be read in conjunction with SA TS 90005.1.
History: First published as SA TS 90005.2.1:2014

Collaborative care - Part 2.2: E-referral CDA implementation guide
Product Designation: SA TS 90005.2.2
Scope: Specifies the steps implementers need to take in mapping each data component of the logical content specification in SA TS 90005.2.1 to a corresponding CDA attribute or element. Contains descriptions of both constraints on the CDA and, where necessary, custom extensions to the CDA for the purposes of fulfilling the requirements for Australian implementations of an e-referral, as well as conformance requirements against which implementers can attest the conformance of their systems.
History: First published as SA TS 90005.2.2:2014

Collaborative care - Part 3.1: Event summary logical content specification
Product Designation: SA TS 90005.3.1
Scope: A logical content specification for an event summary that specifies the information structure of event summaries in order to support the transfer of health information. Not a standalone document, and has to be read in conjunction with SA TS 90005.1, Collaborative care, Part 1: Logical content model.
History: First published as SA TS 90005.3.1:2014

Collaborative care - Part 3.2: Event summary CDA implementation guide
Product Designation: SA TS 90005.3.2
Scope: Specifies the steps implementers need to take in mapping each data component of the logical content specification in SA TS 90005.3.1 to a corresponding CDA attribute or element. Contains descriptions of both constraints on the CDA and, where necessary, custom extensions to the CDA, for the purposes of fulfilling the requirements for Australian implementations of an event summary; also presents conformance requirements against which implementers can attest the conformance of their systems.
History: First published as SA TS 90005.3.2:2014

Collaborative care - Part 4.1: Shared health summary logical content specification
Product Designation: SA TS 90005.4.1
Scope: Logical content specification for a shared health summary; specifies the information structure in order to support the transfer of shared health summaries. Not a standalone document; has to be read in conjunction with SA TS 90005.1.
History: First published as SA TS 90005.4.1:2014

Collaborative care - Part 4.2: Shared health summary CDA implementation guide
Product Designation: SA TS 90005.4.2
Scope: Specifies the steps implementers need to take in mapping each data component of the logical content specification in SA TS 90005.4.1 to a corresponding CDA attribute or element. Contains descriptions of both constraints on the CDA and, where necessary, custom extensions to the CDA, for the purposes of fulfilling the requirements for Australian implementations of a shared health summary. Also presents conformance requirements against which implementers can attest the conformance of their systems.
History: First published as SA TS 90005.4.2:2014
Collaborative care - Part 5.1: Specialist letter logical content specification
Product Designation: SA TS 90005.5.1
Scope: Logical content specification for a specialist letter; not a standalone document, and has
to be read in conjunction with SA TS 90005.1. Specifies the essential clinical data groups and
elements to be captured in a specialist letter exchange and the constraints that should be
applied.
History: First published as SA TS 90005.5.1:2014

Collaborative care - Part 5.2: Specialist letter CDA implementation guide
Product Designation: SA TS 90005.5.2
Scope: Specifies the steps for implementers to take in mapping each data component of the
logical content specification in SA TS 90005.5.1 to a corresponding CDA attribute or element.
Contains descriptions of both constraints on the CDA and, where necessary, custom
extensions to the CDA, for the purposes of fulfilling the requirements for Australian
implementations of a specialist letter; also presents conformance requirements against which
implementers can attest the conformance of their systems.
History: First published as SA TS 90005.5.2:2014

Core discharge summary - Part 2: CDA implementation guide
Product Designation: SA TS 90006.2
Scope: Takes implementers step by step through mapping each data component of
ATS 90006.1 to a corresponding Clinical Data Architecture (CDA) attribute or element.
Contains descriptions of both constraints on the CDA and, where necessary, custom
extensions to the CDA, to fulfil the requirements for Australian implementations of a discharge
summary to be used for the electronic exchange of e-discharge summaries between
healthcare providers. Also presents conformance requirements against which implementers
can attest the conformance of their systems.
History: First published as SA TS 90006.2:2014

Consumer entered information - Part 2: CDA implementation guide
Product Designation: SA TS 90007.2
Scope: A guide to implementing the logical model detailed by SA TS 90007.1 as an HL7
Clinical Document Architecture Release 2 (CDA) XML document. Contains descriptions of
both constraints on the CDA and, where necessary, custom extensions to the CDA, for the
purposes of fulfilling the requirements for Australian implementations of consumer entered
information in the form of consumer entered health summaries and consumer entered notes.
Also presents conformance requirements against which implementers can attest the
conformance of their systems.
History: First published as SA TS 90007.2:2014

Consumer entered information - Part 1: Logical content specification
Product Designation: SA TS 90007.1
Scope: Specifies the essential clinical data groups and elements to be captured in a consumer
entered health summary exchange and the constraints that should be applied.
History: First published as SA TS 90007.1:2014

Medical electrical equipment - Part 2.22: Particular requirements for basic safety and
essential performance of surgical, cosmetic, therapeutic and diagnostic laser
equipment
Product Designation: AS IEC 60601.2.22
Scope: Adopts IEC 60601-2-22:2012, which sets out requirements for the basic safety and
essential performance of laser equipment for surgical, therapeutic, medical diagnostic,
cosmetic, or veterinary applications, intended for use on humans or animals, classified as a
Class 3B or Class 4 laser product.
Medical electrical equipment - Part 2.57: Particular requirements for the basic safety and essential performance of non-laser light source equipment intended for therapeutic, diagnostic, monitoring and cosmetic/aesthetic use

Product Designation: AS IEC 60601.2.57
Scope: Adopts IEC 60601-2-57:2011, which sets out requirements for the basic safety and essential performance of equipment incorporating one or more sources of optical radiation in the wavelength range 200 nm to 3000 nm, with the exception of laser radiation, intended to create non-visual photobiological effects in humans or animals for therapeutic, diagnostic, monitoring, cosmetic/aesthetic or veterinary applications.
History: First published as AS IEC 60601.2.57:2014.

Traditional Chinese medicine - Ginseng seeds and seedlings - Part 1: Panax ginseng C.A. Meyer

Product Designation: AS ISO 17217.1
Scope: Adopts ISO 17217:2014 to specify minimum requirements and test methods for ginseng seeds and seedlings Panax ginseng C.A. Meyer. It is suitable for marketing of cultivated ginseng seeds and seedlings. It is also suitable for quality assurance for ginseng cultivators.

Sterile acupuncture needles for single use

Product Designation: AS ISO 17218
Scope: Adopts ISO 17218:2014 to specify requirements for sterile acupuncture needles for single use (specialized for filiform needles).

Advance care directive custodian location - Part 1: Logical content specification

Product Designation: SA TS 90008.1
Scope: Specifies the essential clinical data groups and elements to be captured in an advance care directive custodian record exchange and the constraints that should be applied.

Advance care directive custodian location - Part 2: CDA implementation guide

Product Designation: SA TS 90008.2
Scope: Contains descriptions of both constraints on the CDA and, where necessary, custom extensions to the CDA, for the purpose of fulfilling the requirements for Australian implementations of advance care directives. Also presents conformance requirements against which implementers can attest the conformance of their systems.
History: First published as SA TS 90008.2:2014.

Reprocessing of reusable medical devices in health service organizations

Product Designation: AS/NZS 4187
Scope: Specifies the requirements and practices necessary for the effective and safe reprocessing, storage, handling and transportation of reusable medical devices (RMDs) in human health care.

Electrical installations - Patient areas

Product Designation: AS/NZS 3003
Scope: Sets out requirements for new electrical installations and for alterations, additions and repairs of existing electrical installations in patient areas.
Wheelchair containment and occupant retention systems for accessible transport vehicles designed for use by both sitting and standing passengers - Part 1: Systems for rearward-facing wheelchair-seated passengers
Product Designation: AS/NZS ISO 10865.1
Scope: Adopts ISO 10865-1:2012 to specify design and performance requirements and associated test methods, requirements for manufacturer instructions and warnings to installers and users as well as requirements for product labelling and disclosure of test information.
History: First published as AS/NZS ISO 10865.1:2015.

Withdrawals and Reconfirmations

Standards Australia is committed to maintaining a contemporary and relevant suite of Australian Standards. This is to ensure our stakeholders, and especially the users of products and services based on our Standards, are confident that our Standards mirror contemporary practice, are technologically up to date, and reflect current views on safety, quality and environmental impact.

For a list of aged Australian Standards that are proposed for withdrawal or reconfirmation, please refer to the "Proposed Projects and Withdrawals" section on the Standards Australia website.

No Australian Standards have been submitted for withdrawal for the Health and Community Services Sector between 4 June 2015 and 1 July 2015.
New Projects

No new projects have been approved for development for the Consumer Products, Services and Safety Sector between 4 June 2015 and 1 July 2015.

Drafts for Public Comment

The Drafts for Public Comment stage is an important part of the Standards development process. Draft Standards documents are circulated for public comment to ensure the wider community of stakeholders have the opportunity to input to the development of a Standard. All comments are considered in detail by the relevant Committee and, if necessary, further drafting is undertaken.

Sun protective clothing - Evaluation and classification
Draft No: DR AS/NZS 4339:2015
Committee: TX-021
Date that comment closes: 7 August 2015

Child use and care articles - Child seats for cycles - Safety requirements and test methods (EN 14344:2004 MOD)
Draft No: DR AS 4287:2015
Committee: CS-110
Date that comment closes: 14 August 2015

Domestic solid fuel burning appliances - Test fuels - Part 2: Softwood
Draft No: DR AS/NZS 4014.2:2015
Committee: CS-062
Date that comment closes: 28 August 2015

The full list of drafts for public comment, across all sectors, can also be found by visiting www.standards.org.au then clicking on Drafts for Public Comment.

Recently Published Documents

Below is a list of Australian Standards published for the Consumer Products, Services and Safety Sector between 1 July 2014 and 1 July 2015.

Copies of these Australian Standards are available for purchase from Standards Australia's publisher, SAI Global: www.saiglobal.com/shop.

Should you wish to provide feedback regarding the publication please do so by contacting the Standards Australia Customer Information Service.

Domestic solid fuel burning appliances - Method for determination of flue gas emission
Product Designation: AS/NZS 4013
Scope: Specifies a test method for determining the particulate emission factor from batch-fed domestic solid fuel burning appliances and the associated particulate emission acceptance criteria.
Domestic solid fuel burning appliances - Method for determination of power output and efficiency
Product Designation: AS/NZS 4012
Scope: Sets out sufficiently comprehensive specifications and instructions to enable all interested organizations with appropriate test facilities to determine the power output and efficiency of solid fuel burning appliances.

Flotation aids for water familiarization and swimming tuition
Product Designation: AS/NZS 1900
Scope: Specifies requirements for the design, performance and marking of flotation aids worn on or attached to the body or in which the user sits for the purpose of either enabling persons to gain confidence through water familiarization, or to assist them in acquiring unaided buoyancy through swimming tuition.

Product Designation: AS 4685.11

Ophthalmic optics - Spectacle frames - Lists of equivalent terms and vocabulary
Product Designation: AS/NZS ISO 7998
Scope: Adopts ISO 7998:2005 to define commonly used terms relating to frames for spectacles and eyeglasses.
History: First published as AS/NZS ISO 7998:2015.

Ophthalmic optics - Uncut finished spectacle lenses - Part 3: Transmittance specifications and test methods
Product Designation: AS/NZS ISO 8980.3
Scope: Adopts ISO 8980-3:2013 to specify the requirements for the transmittance properties of uncut finished spectacle lenses.

Ophthalmic optics - Spectacle lenses - Fundamental requirements for uncut finished lenses (ISO 14889:2013, MOD)
Product Designation: AS/NZS ISO 14889
Scope: Adopts ISO 14889:2013 with national modifications to specify fundamental requirements for uncut finished spectacle lenses.

Ophthalmic optics - Spectacle lenses - Vocabulary
Product Designation: AS/NZS ISO 13666
Scope: Adopts ISO 13666:2012 to define basic terms relating to ophthalmic optics.

Babies’ dummies
Product Designation: AS 2432
Scope: Specifies safety requirements relating to the materials, design, construction, performance, packaging and product information of babies’ dummies.
Domestic solid fuel burning appliance - Method for determination of power output and efficiency
Product Designation: AS/NZS 4012
Scope: Sets out sufficiently comprehensive specifications and instructions to enable all interested organizations with appropriate test facilities to determine the power output and efficiency of solid fuel burning appliances.

Folding cots - Safety requirements
Product Designation: AS/NZS 2195
Scope: Specifies safety requirements for folding cots and accessories used with folding cots. These requirements include materials, design, construction, performance, labelling and marking, all of which are important for the well being of children who use cots. The Standard is applicable to folding cots constructed of metal, plastic, textile fabric or mesh.

Trampolines for domestic use - Safety aspects
Product Designation: AS 4989
Scope: This Standard specifies minimum design requirements for trampolines for domestic use and provides test methods to ensure compliance. The Standard also contains requirements and recommendations for the marking of domestic trampolines and the provision of consumer information.

Flotation aids for water familiarization and swimming tuition
Product Designation: AS/NZS 1900
Scope: Specifies requirements for the design, performance and marking of flotation aids worn on or attached to the body or in which the user sits for the purpose of either enabling persons to gain confidence through water familiarization, or to assist them in acquiring unaided buoyancy through swimming tuition.
Withdrawals and Reconfirmations

Standards Australia is committed to maintaining a contemporary and relevant suite of Australian Standards. This is to ensure our stakeholders, and especially the users of products and services based on our Standards, are confident that our Standards mirror contemporary practice, are technologically up to date, and reflect current views on safety, quality and environmental impact.

For a list of aged Australian Standards that are proposed for withdrawal or reconfirmation, please refer to the "Proposed Projects and Withdrawals" section on the Standards Australia website.

Withdrawals

No Australian Standards have been submitted for withdrawal for the Consumer Products, Services and Safety Sector between 4 June 2015 and 1 July 2015.

Obsolescence

**Protective headgear for cricket – Helmets**
Designation: AS/NZS 4499.1:1997
Type: Obsolescence

**Protective headgear for cricket – Temple Protectors**
Designation: AS/NZS 4499.2:1997
Type: Obsolescence

**Protective headgear for cricket - Faceguards**
Designation: AS/NZS 4499.3:1997
Type: Obsolescence
New Projects

No new projects have been approved for development for the Education and Training Services Sector between 4 June 2015 and 1 July 2015.

Drafts for Public Comment

The Drafts for Public Comment stage is an important part of the Standards development process. Draft Standards documents are circulated for public comment to ensure the wider community of stakeholders have the opportunity to input to the development of a Standard. All comments are considered in detail by the relevant Committee and, if necessary, further drafting is undertaken.

Information and documentation - Open Systems Interconnection - Interlibrary Loan Application Service Definition
Committee: IT-019
Date that comment closes: 12 August 2015

The full list of drafts for public comment, across all sectors, can also be found by visiting www.standards.org.au then clicking on Drafts for Public Comment.

Recently Published Documents

Below is a list of Australian Standards published for the Education and Training Services Sector between 1 July 2014 and 1 July 2015.

Copies of these Australian Standards are available for purchase from Standards Australia's publisher, SAI Global: www.saiglobal.com/shop.

Should you wish to provide feedback regarding the publication please do so by contacting the Standards Australia Customer Information Service.

Information technology - Vocabulary - Learning, education and training
Product Designation: AS/NZS 5121
Scope: Adopts ISO/IEC 2382-36:2013 to present terms and definitions of selected concepts relevant to the field of information technology for learning, education and training; and identifies relationships among the entries. Intended to facilitate communication in information technology for learning, education and training.
History: First published as AS/NZS 5121:2015.

Codes for the representation of names of countries and their subdivisions - Part 3:
Code for the formerly used names of countries
Product Designation: AS/NZS 2632.3
Scope: Adopts ISO 3166-3:2013 to provide principles and maintenance arrangements of a code for the representation of country names removed from superseded editions of ISO 3166 series and AS/NZS 2632 series Standards.

Codes for the representation of names of countries and their subdivisions - Part 1:
Country codes
Product Designation: AS/NZS 2632.1
Scope: Adopts ISO 3166-1:2013 to set out the expression of current country names in coded form and provide basic guidelines for the implementation and maintenance of these codes.
Codes for the representation of names of countries and their subdivisions - Part 2: Country subdivision code
Product Designation: AS/NZS 2632.2
Scope: Adopts ISO 3166-2:2014, which provides the structure for a code for the representation of names of principal administrative divisions, or similar areas, of countries included in AS/NZS 2632.1.

Withdrawals and Reconfirmations
Standards Australia is committed to maintaining a contemporary and relevant suite of Australian Standards. This is to ensure our stakeholders, and especially the users of products and services based on our Standards, are confident that our Standards mirror contemporary practice, are technologically up to date, and reflect current views on safety, quality and environmental impact.

For a list of aged Australian Standards that are proposed for withdrawal or reconfirmation, please refer to the "Proposed Projects and Withdrawals" section on the Standards Australia website.

No Australian Standards have been submitted for withdrawal for the Education and Training Services Sector between 4 June 2015 and 1 July 2015.
New Projects

No new projects have been approved for development for the Communications, Information Technology and e-Commerce Services Sector between 4 June 2015 and 1 July 2015.

Drafts for Public Comment

The Drafts for Public Comment stage is an important part of the Standards development process. Draft Standards documents are circulated for public comment to ensure the wider community of stakeholders have the opportunity to input to the development of a Standard. All comments are considered in detail by the relevant Committee and, if necessary, further drafting is undertaken.

Information technology - Home electronic system (HES) architecture - Part 3.1: Communication layers - Application layer for network based control of HES Class 1
Draft No: DR2 AS/NZS ISO 14543.3.1:2015
Committee: CT-001
Date that comment closes: 24 July 2015

Information technology - Home electronic system (HES) architecture - Part 3.2: Communication layers - Transport, network and general parts of data link layer for network based control of HES Class 1
Draft No: DR2 AS/NZS ISO 14543.3.2:2015
Committee: CT-001
Date that comment closes: 24 July 2015

Information technology - Home electronic system (HES) architecture - Part 3.3: User process for network based control of HES Class 1
Draft No: DR2 AS/NZS ISO 14543.3.3:2015
Committee: CT-001
Date that comment closes: 24 July 2015

Information technology - Home electronic system (HES) architecture - Part 3.4: System management - Management procedures for network based control of HES Class 1
Draft No: DR2 AS/NZS ISO 14543.3.4:2015
Committee: CT-001
Date that comment closes: 24 July 2015

Information technology - Home electronic system (HES) architecture - Part 3.5: Media and media dependent layers - Powerline for network based control of HES Class 1
Draft No: DR2 AS/NZS ISO 14543.3.5:2015
Committee: CT-001
Date that comment closes: 24 July 2015

The full list of drafts for public comment, across all sectors, can also be found by visiting www.standards.org.au then clicking on Drafts for Public Comment.
Recently Published Documents

Below is a list of Australian Standards published for the Communications, Information Technology and e-Commerce Services Sector between 1 July 2014 and 1 July 2015.

Copies of these Australian Standards are available for purchase from Standards Australia’s publisher, SAI Global: www.saiglobal.com/shop.

Should you wish to provide feedback regarding the publication please do so by contacting the Standards Australia Customer Information Service.

Information technology - Service management - Part 5: Exemplar implementation plan for ISO/IEC 20000-1
Product Designation: SA/SNZ TR ISO/IEC 20000.5
Scope: Adopts ISO/IEC 20000-5:2013, which provides an approach to implement an SMS that can fulfil the requirements of AS ISO/IEC 20000.1. It includes a generic, three-phased plan to manage implementation activities.

Information technology - Service management - Part 10: Concepts and terminology
Product Designation: SA/SNZ TR ISO/IEC 20000.10
Scope: Adopts ISO/IEC TR 20000-10:2013 to provide standardization in the field of service management and, in particular, an overview of the concepts and terminology of the ISO/IEC 20000 series. It establishes a common framework for helping organizations to understand the purpose of all the parts of ISO/IEC 20000 and the relationships between the parts.

Systems and software engineering - Life cycle management - Part 1: Guide for life cycle management
Product Designation: SA/SNZ TR ISO/IEC 24748.1

Systems and software engineering - Life cycle management - Part 2: Guide to the application of AS/NZS ISO/IEC 15288 (System life cycle processes)
Product Designation: SA/SNZ TR ISO/IEC 24748.2

Systems and software engineering - Life cycle management - Part 3: Guide to the application of AS/NZS ISO/IEC 12207 (Software life cycle processes)
Product Designation: SA/SNZ TR ISO/IEC 24748.3

Information and documentation - Digital records conversion and migration process
Product Designation: AS/NZS ISO 13008
Scope: Adopts ISO 13008:2012 to specify the planning issues, requirements and procedures for the conversion and/or migration of digital records in order to preserve the authenticity, reliability, integrity and usability of such records as evidence of business transactions.
Document management - Machine-readable paper forms - Optimal design for user friendliness and electronic document management systems (EDMS)
Product Designation: AS/NZS ISO 12029
Scope: Specifies requirements concerning the design of forms for user friendliness, with optimal machine readability for processing by electronic document management systems (EDMS). These requirements are limited to forms using roman characters.

Information technology - Generic cabling for customer premises (ISO/IEC 11801:2011, MOD)
Product Designation: AS/NZS 3080
Scope: Adopts ISO/IEC 11801:2011 to specify generic cabling for use within premises, which may comprise single or multiple buildings on a campus. It covers balanced cabling and optical fibre cabling.

Maritime navigation and radiocommunication equipment and systems - Class B shipborne equipment of the automatic identification system (AIS) - Part 1: Carrier-sense time division multiple access (CSTDMA) techniques
Product Designation: AS/NZS IEC 62287.1
Scope: Adopts IEC 62287-1 Ed.2.1 (2013) to specify the minimum operational and performance requirements, methods of testing and required test results for Class B shipborne AIS equipment using CSTDMA techniques.

Maritime navigation and radiocommunication equipment and systems - Class B shipborne equipment of the automatic identification system (AIS) - Part 2: Self-organising time division multiple access (SOTDMA) techniques
Product Designation: AS/NZS IEC 62287.2
Scope: Specifies operational and performance requirements, methods of testing and required test results for Class B ‘SO’ shipborne AIS equipment using Self-organised TDMA (SOTDMA) techniques.

Programmable controllers - Part 2: Equipment requirements and tests
Product Designation: AS IEC 61131.2
Scope: Adopts IEC 61131-2, Ed. 3.0 (2007), which specifies requirements and related tests for programmable controllers (PLCs) and their assorted peripherals [for example, programming and debugging tools (PADTs), human-machine interfaces (HMIs), etc.] which have as their intended use the control and command of machines and industrial processes.

Programmable controllers - Part 3: Programming languages
Product Designation: AS IEC 61131.3
Scope: Adopts IEC 61131-3, Ed. 3.0 (2013), which specifies syntax and semantics of programming languages for programmable controllers as defined in AS IEC 61131.1.

Programmable controllers - Part 4: User guidelines
Product Designation: AS IEC 61131.4
Scope: Adopts IEC/TR 61131-4, Ed. 2.0 (2004), which introduces the end-users of Programmable Controllers (PLCs) to the AS IEC 61131 series, and assists the end-users in their selection and specification of PLC equipment according to the AS IEC 61131 series.
Programmable controllers - Part 8: Guidelines for the application and implementation of programming languages
Product Designation: AS IEC 61131.8
Scope: Adopts IEC/TR 61131-8, Ed. 2.0 (2003), which provides guidelines for the implementation of the programming languages defined in AS IEC 61131.3, in programmable controller systems and their programming support environments (PSEs).

Programmable controllers - Part 9: Single-drop digital communication interface for small sensors and actuators (SDCI)
Product Designation: AS IEC 61131.9
Scope: Adopts IEC 61131-9, Ed. 1.0 (2013), which specifies a single-drop digital communication interface technology for small sensors and actuators (SDCIs) (commonly known as IO-Link®), which extends the traditional digital input and digital output interfaces as defined in AS IEC 61131.2 towards a point-to-point communication link. This technology enables the transfer of parameters to Devices and the delivery of diagnostic information from the Devices to the automation system.

Geographic information - Registry of representations of geographic point location
Product Designation: AS/NZS ISO 19145
Scope: Adopts ISO 19145:2013 which 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.

Geographic information - Metadata - Part 1: Fundamentals
Product Designation: AS/NZS ISO 19115.1
Scope: Adopts ISO 19115-1:2014 to define the schema required for describing geographic information and services by means of metadata.

Geographic information - Ontology - Part 1: Framework
Product Designation: AS SA/SNZ TS ISO 19150.1
Scope: Adopts ISO/TS 19150-1:2012 to define the framework for semantic interoperability of geographic information. This framework defines a high level model of the components required to handle semantics in the ISO geographic information standards with the use of ontologies.
History: First published as SA/SNZ TS ISO 19150.1:2015.

Geographic information - Calibration and validation of remote sensing imagery sensors and data - Part 1: Optical sensors
Product Designation: SA/SNZ TS ISO 19159.1
Scope: Adopts ISO/TS 19159-1:2014 to define the calibration and validation of airborne and space borne remote sensing imagery sensors.

Geographic information - Reference model - Part 1: Fundamentals
Product Designation: AS/NZS ISO 19101.1
Scope: Adopts ISO 19101-1 to specify and provide geographic information system, developers with, the schema required for describing geographic information and services.

Geographic information - Classification systems - Part 1: Classification system structure
Product Designation: AS/NZS ISO 19144.1
Scope: To establish the structure of a geographic information classification system, together with the mechanism for defining and registering the classifiers for such a system.
History: First published as AS/NZS ISO 19144.1. Reissued incorporating Amendment No. 1 (February 2015).
Geospatial Digital Rights Management Reference Model (GeoDRM RM)
Product Designation: AS/NZS ISO 19153
Scope: Adopts ISO 19153:2014 which is a reference model for digital rights management (DRM) functionality for geospatial resources (GeoDRM).

Geographic information - Imagery sensor models for geopositioning - Part 2: SAR, InSAR, lidar and sonar
Product Designation: SA/SNZ TS ISO 19130.2
Scope: Adopts ISO/TS 19130-2 to support the exploitation of remotely sensed images. It specifies the sensor models and metadata for geopositioning images remotely sensed by Synthetic Aperture Radar (SAR), Interferometric Synthetic Aperture Radar (InSAR), Light Detection And Ranging (lidar), and Sound Navigation And Ranging (sonar) sensors. The specification also defines the metadata needed for the aerial triangulation of airborne and spaceborne images.
History: First published as SA/SNZ TS ISO 19130.2:2015.

Geographic information - Metadata - XML schema implementation - Part 2: Extensions for imagery and gridded data
Product Designation: SA/SNZ TS ISO 19139.2
Scope: Adopts ISO/TS 19139-2 to define geographic metadata for imagery and gridded data (gmi) encoding.
History: First published as SA/SNZ TS ISO 19132.2:2015.

Geographic information - Data quality
Product Designation: AS/NZS ISO 19157
Scope: Adopts ISO 19157:2013 to establish the principles for describing the quality of geographic data.

Information technology - Security techniques - Information security management systems - Requirements
Product Designation: AS ISO/IEC 27001
Scope: Adopts ISO 27001:2013, including Amendment 1:2014, which specifies the requirements for establishing, implementing, maintaining and continually improving an information security management system within the context of the organization.

Information technology - Security techniques - Code of practice for information security controls
Product Designation: AS ISO/IEC 27002
Scope: Adopts ISO 27002:2013, including Amendment 1:2014, which provides guidelines for organizational information security standards and information security management practices including the selection, implementation and management of controls taking into consideration the organization's information security risk environment(s).

Maritime survivor locating systems (MSLS) - Part 3: Maritime survivor locating devices (MSLD) - Operating on 156.575 MHz and/or 161.975 MHz/162.025 MHz (RTCM 11901.1:2012, MOD)
Product Designation: AS/NZS 4869.3
Scope: Adopts RTCM 11901.1:2012 to provide the essential requirements for maritime survivor locating devices (MSLDs) that use the digital selective calling frequency of 156.525 MHz, and also automatic identification system frequencies of 161.975 MHz and 162.025 MHz.
History: First published as AS/NZS 4869.3:2015.
Electronic funds transfers - Requirements for interfaces - Part 2: Message structures, format and content
Product Designation: AS 2805.2
Scope: Specifies the message structure, format, content, data elements and values for data elements required for an interface by which card-originated electronic messages relating to financial transactions may be interchanged.

Information technology - Computer graphics and image processing - Image Processing and Interchange (IPI) - Functional specification - Part 1: Common architecture for imaging
Product Designation: AS ISO/IEC 12087.1

Information technology - Computer graphics and image processing - Image Processing and Interchange (IPI) - Functional specification - Part 3: Image Interchange Facility (IIF)
Product Designation: AS ISO/IEC 12087.3
Scope: Adopts ISO/IEC 12087-3:1995 which provides a data format specification known as the Image Interchange Facility (IIF) and an application program interface specification.

Information technology - Computer graphics and image processing - Image Processing and Interchange (IPI) - Functional specification - Part 5: Basic Image Interchange Format (BIIF)
Product Designation: AS ISO/IEC 12087.5
History: First published as AS ISO/IEC 12087.5:2015.

Information technology - Computer graphics and image processing - Encoding for the Image Interchange Facility (IIF)
Product Designation: AS ISO/IEC 12089
Scope: Adopts ISO/IEC 12089:1997 which defines the encoding rules which shall apply to the representation of Image Processing and Information—Image Interchange Facility (IPI-IIF) image data.

Photography - Electronic still picture imaging - Vocabulary
Product Designation: AS ISO 12231
Scope: Adopts ISO 12231:2012 which defines terms used in electronic still picture imaging.
History: First published as AS ISO 12231:2015.

Photography - Electronic still-picture imaging - Noise measurements
Product Designation: AS ISO 15739
History: First published as AS ISO 15739:2015.
Information and documentation - Risk assessment for records processes and systems (ISO/TR 18128:2014, MOD)
Product Designation: SA/SNZ TR 18128
Scope: Adopts ISO/TR 18128:2014 to provide guidance in assessing risks to records processes and systems so organisations can ensure records continue to meet identified business needs as long as required.
History: First published as SA/SNZ TR 18128:2015.

Analogous speech (angle modulated) equipment operating in land mobile and fixed services bands in the frequency range 29.7 MHz to 1 GHz
Product Designation: AS/NZS 4295
Scope: Specifies requirements for analogous speech (angle modulated) equipment operating in the VHF and UHF land mobile and fixed service radiofrequency bands in the range 29.7 MHz to 1 GHz that are not subject to spectrum licensing arrangements. Test methods are specified by reference to ETSI EN 300 086-1.

Information technology - Computer graphics and image processing - Image Processing and Interchange (IPI) - Functional specification - Part 2: Programmer’s imaging kernel system application programme interface
Product Designation: AS ISO/IEC 12087.2
Scope: Adopts ISO/IEC 12087.2:1994 which establishes the specification for the application program interface (API) called the Programmers Imaging Kernel System (PIKS).

Specification for radio disturbance and immunity measuring apparatus and methods - Part 1.2: Radio disturbance and immunity measuring apparatus - Coupling devices for conducted disturbance measurements
Product Designation: AS/NZS CISPR 16.1.2
Scope: Adopts CISPR 16-1-2 Ed 2.0 which specifies the characteristics and performance of equipment for the measurement of disturbance voltages and currents.

Specification for radio disturbance and immunity measuring apparatus and methods - Part 2.1: Methods of measurement of disturbances and immunity - Conducted disturbance measurements
Product Designation: AS/NZS CISPR 16.2.1
Scope: Adopts CISPR 16-2-1 Ed 3.0 which specifies the methods of measurement of conducted disturbance phenomena.

Product Designation: AS/NZS CISPR 16.1.1
Scope: Adopts CISPR 16-1-1, Ed. 3.1 (2010), which specifies the characteristics and performance of equipment for the measurement of radio disturbance in the frequency range 9 kHz to 18 GHz.

Specification for radio disturbance and immunity measuring apparatus and methods - Part 2.3: Methods of measurement of disturbances and immunity - Radiated disturbance measurements
Product Designation: AS/NZS CISPR 16.2.3
Scope: Adopts CISPR 16-2-3, Ed. 3.1 (2010), which specifies the methods of measurement of radiated disturbance phenomena in the frequency range of 9 kHz to 18 GHz.
Product Designation: AS/NZS CISPR 16.4.2
Scope: Adopts CISPR 16-4-2, Ed 2.0 (2011), which specifies the method of applying measurement instrumentation uncertainty (MIU) to determine compliance with CISPR disturbance limits.

Product Designation: AS/NZS CISPR 16.4.5
Scope: Adopts CISPR/TR 16-4-5, Ed. 1.0 (2006), which specifies a method to enable product committees to develop limits for alternative test methods, using conversions from established limits.

Systems and software engineering - System life cycle processes
Product Designation: AS/NZS ISO/IEC/IEEE 15288
Scope: Adopts ISO/IEC/IEEE 15288:2015 to create a common process framework to facilitate communication and cooperation among the parties that create, utilize and manage modern systems in order that they can work in an integrated, coherent fashion.

Maritime navigation and radiocommunication equipment and systems - Automatic identification system (AIS) - Part 1: AIS Base Stations - Minimum operational and performance requirements, methods of testing and required test results
Product Designation: AS/NZS IEC 62320.1
Scope: Adopts IEC 62320-1, Ed. 2.0 (2015) to provide the minimum operational and performance requirements, methods of test and the required test results for a type of non-shipborne automatic identification system (AIS) equipment known as an AIS base station.

Maritime navigation and radiocommunication equipment and systems - Automatic identification system (AIS) - Part 3: Repeater stations - Minimum operational and performance requirements - Methods of test and required test results
Product Designation: AS/NZS IEC 62320.3
Scope: Adopts IEC 62320-3, Ed. 1.0 (2015) to provide the minimum operational and performance requirements, methods of test and the required test results for a type of non-shipborne automatic identification system (AIS) equipment known as an AIS repeater station.
History: First published as AS/NZS IEC 62320.3:2015.

Recordkeeping metadata property reference set (RMPRS)
Product Designation: AS/NZS 5478
Scope: This Standard has been developed to provide a reference set of recordkeeping metadata to support systems interoperability and records sustainability.
History: First published as AS/NZS 5478:2015.

Software and systems engineering - Software testing - Part 1: Concepts and definitions
Product Designation: AS/NZS ISO/IEC/IEEE 29119.1
Scope: Adopts this part of ISO/IEC/IEEE 29119-1 which specifies definitions and concepts in software testing. It provides definitions of testing terms and discussion of concepts key to the understanding of the ISO/IEC/IEEE 29119 series of software testing international standards.
Software and systems engineering - Software testing - Part 2: Test processes
Product Designation: AS/NZS ISO/IEC/IEEE 29119.2
Scope: Adopts this part of ISO/IEC/IEEE 29119-2 which specifies test processes that can be used to govern, manage and implement software testing for any organisation, project or smaller testing activity.

Software and systems engineering - Software testing - Part 3: Test documentation
Scope: Adopts this part of ISO/IEC/IEEE 29119-3:2013 which specifies software test documentation templates that can be used by any organization, project or smaller testing activity.

Digital television - Terrestrial broadcasting - Part 1: Characteristics of digital terrestrial television transmissions
Product Designation: AS 4599.1
Scope: Provides television receiver manufactures and broadcasters with the technical specification for the Australian digital terrestrial television transmission system.

Information technology—Computer graphics and image processing—Portable Network Graphics (PNG): Functional specification
Product Designation: AS ISO/IEC 15948
Scope: Adopts ISO/IEC 15948:2004 which specifies a datastream and an associated file format, Portable Network Graphics (PNG, pronounced "ping"), for a lossless, portable, compressed individual computer graphics image transmitted across the Internet.

Audio, video and similar electronic apparatus—Safety requirements (IEC 60065, Ed. 7.2 (2011), MOD)
Product Designation: AS/NZS 60065
Scope: Adopts IEC 60065, Ed.7.2 to provide Australian and New Zealand electrical and electronic industries with minimum safety requirements for electrically powered equipment intended for the reception, generation, recording or reproduction of audio, video and associated signals.
Withdrawals and Reconfirmations

Standards Australia is committed to maintaining a contemporary and relevant suite of Australian Standards. This is to ensure our stakeholders, and especially the users of products and services based on our Standards, are confident that our Standards mirror contemporary practice, are technologically up to date, and reflect current views on safety, quality and environmental impact.

For a list of aged Australian Standards that are proposed for withdrawal or reconfirmation, please refer to the "Proposed Projects and Withdrawals" section on the Standards Australia website.

**Electromagnetic compatibility for radiocommunications equipment**
Designation: AS/NZS 4778:2001
Type: Withdrawal

**Limits and methods of measurement of immunity characteristics of sounds and television receivers and associated equipment**
Designation: AS/NZS 4053:1997 and Amdt 1
Type: Withdrawal

**Guidance the use of the substitution method for measurements of radiation from microwaves ovens for frequencies above 1 GHz**
Designation: AS/NZS 4052:1992
Type: Withdrawal

**Limits and methods of measurements of radio disturbance characteristics for the protection of receivers used on board vehicles**
Designation: AS/NZS 4448:1997
Type: Withdrawal
New Projects

No new projects have been approved for development for the Public Safety; Public Administration; Business and Management Sector between 4 June 2015 and 1 July 2015.

Drafts for Public Comment

The Drafts for Public Comment stage is an important part of the Standards development process. Draft Standards documents are circulated for public comment to ensure the wider community of stakeholders have the opportunity to input to the development of a Standard. All comments are considered in detail by the relevant Committee and, if necessary, further drafting is undertaken.

Methods for sampling and analysis of ambient air - Method 17: Determination of gaseous compounds in ambient air - Direct-reading cavity ring-down spectroscopy instrumental method
Draft No: DR AS/NZS 3580.17:2015
Committee: EV-007
Date that comment closes: 7 August 2015

The full list of drafts for public comment, across all sectors, can also be found by visiting www.standards.org.au then clicking on Drafts for Public Comment.

Recently Published Documents

Below is a list of Australian Standards published for the Public Safety; Public Administration; Business and Management Sector between 1 July 2014 and 1 July 2015.

Copies of these Australian Standards are available for purchase from Standards Australia's publisher, SAI Global: www.saiglobal.com/shop.

Should you wish to provide feedback regarding the publication please do so by contacting the Standards Australia Customer Information Service.

Guidelines for auditing management systems
Product Designation: AS/NZS ISO 19011
Scope: Adopts ISO 19011:2011, which provides guidance on auditing management systems, including the principles of auditing, managing an audit programme and conducting management system audits, as well as guidance on the evaluation of competence of individuals involved in the audit process, including the person managing the audit programme, auditors and audit teams.

Guidelines for complaint management in organizations
Product Designation: AS/NZS 10002
Scope: Provides guidance on complaint handling within an organization, including the planning, design, operation, maintenance and improvement of a complaint handling system.
Asset management - Overview, principles and terminology
Product Designation: AS ISO 55000
Scope: Adopts ISO 55000, which provides an overview of asset management and describes its principles and terminology and the expected benefits from adopting asset management.

Asset management - Management systems - Requirements
Product Designation: AS ISO 55001
Scope: Adopts ISO 55001:2014, which specifies requirements for the establishment, implementation, maintenance and improvement of a management system for asset management.

Asset management - Management systems - Guidelines for the application of AS ISO 55001
Product Designation: AS ISO 55002
Scope: Adopts ISO 55002:2014, which provides guidance for the application of a management system for asset management in accordance with the requirements of AS ISO 55001.

Safety of laser products - Part 1: Equipment classification and requirements
Product Designation: AS/NZS IEC 60825.1
Scope: Adopts IEC 60825-1, Ed. 3.0 (2014), which is applicable to safety of laser products emitting laser radiation in the wavelength range 180 nm to 1 mm.

Mechanical vibration and shock - Evaluation of human exposure to whole-body vibration - Part 2: Vibration in buildings (1 Hz to 80 Hz)
Product Designation: AS ISO 2631.2
Scope: Provides a method for the measurement and evaluation of whole-body vibration in buildings and to encourage uniform methods for collection of data on human response to building vibration.

Methods for sampling and analysis of ambient air - Part 14: Meteorological monitoring for ambient air quality monitoring applications
Product Designation: AS/NZS 3580.14
Scope: Sets out methods for the collection of meteorological data for use in ambient air quality monitoring and modelling applications. Requirements and guidance are provided for the in situ monitoring of primary meteorological variables being: wind speed, wind direction, temperature, humidity, atmospheric pressure, precipitation and solar radiation.

Personal eye protection - Part 0: Eye and face protection - Vocabulary (ISO 4007:2012, MOD)
Product Designation: AS/NZS 1337.0
Scope: Adopts ISO 4007:2012 to define and explain the principal terms used in the field of personal eye and face protection.

Methods for sampling and analysis of ambient air - Part 9.15: Determination of suspended particulate matter - Particulate metals high or low volume sampler gravimetric collection - Inductively coupled plasma (ICP) spectrometric method
Product Designation: AS/NZS 3580.9.15
Scope: This Standard sets out a method for the determination of particulate metals collected from ambient air by either a high or low volume sampler and analysed by inductively coupled plasma/mass spectrometry (ICP-MS).
Eye and face protection - Part 4: Filters and eye protectors against laser radiation (laser eye-protectors)
Product Designation: AS/NZS 1337.4
Scope: Adopts EN 207:2009 to specify performance requirements, test methods, marking requirements, selection and use of personal eye-protectors against laser radiation in the spectral range 180 nm to 1000 micrometres.

Eye and face protection - Part 5: Eye protectors for adjustment work on lasers and laser systems (laser adjustment eye-protectors)
Product Designation: AS/NZS 1337.5
Scope: Adopts EN 208:2009 to specify performance requirements, test methods, marking requirements, selection and use of laser adjustment filters and eye-protectors against laser radiation in the spectral range 400 nm to 700 nm.

Dependability management - Part 1: Guidance for management and application
Product Designation: AS/NZS IEC 60300.1
Scope: Adopts IEC 60300-1:2014 to provide guidance on dependability management of products, systems, processes or services involving hardware, software and human aspects or any integrated combinations of these elements.
History: First published as AS/NZS IEC 60300.1:2015.

Managing risk in projects - Application guidelines
Product Designation: AS/NZS IEC 62198
Scope: Adopts IEC 62198:2013 to provide principles and generic guidelines on managing risk and uncertainty in projects.
History: First published as AS/NZS IEC 62198:2015.

Acoustics - Aircraft noise intrusion - Building siting and construction
Product Designation: AS 2021
Scope: Provides guidance on the siting and construction of new buildings against aircraft noise intrusion and on the acoustical adequacy of existing buildings in areas near aerodromes. The assessment of potential aircraft noise exposure at a given site is based on the Australian Noise Exposure Forecast (ANEF) system. The Standard also provides guidelines for determining the type of building construction necessary to provide a given noise reduction.

Amusement rides and devices - Part 4.5: Specific requirements - Waterborne inflatables
Product Designation: AS 3533.4.5(Int)
Scope: Specifies requirements and guidelines for the design, construction, operation and maintenance of waterborne inflatable equipment and facilities to promote safety for operating staff and patrons.

Conformity assessment - Fundamentals of product certification and guidelines for product certification schemes
Product Designation: AS/NZS ISO/IEC 17067
Scope: Adopts ISO/IEC 17067:2013 to describe the fundamentals of product certification and provide guidelines for understanding, developing, operating or maintaining certification schemes for products, processes and services.
Methods for sampling and analysis of ambient air - Method 12.1: Determination of light scattering - Integrating nephelometer method
Product Designation: AS/NZS 3580.12.1
Scope: Sets out a continuous, direct-reading, instrumental method for determining the light-scattering attributable to the presence of particulate matter in a sample of ambient air. The light scattering coefficient as measured by this Standard is an indicator of the perceived visual degradation caused by suspended particles in the air.

Methods for sampling and analysis of ambient air - Method 9.3: Determination of suspended particulate matter - Total suspended particulate matter (TSP) - High volume sampler gravimetric method
Product Designation: AS/NZS 3580.9.3
Scope: Specifies a gravimetric method for the determination of suspended particulate matter in ambient air. Generally, the particles collected are of equivalent aerodynamic diameter (EAD) of less than 100 µm. The upper size limit of particles collected depends upon sampling conditions, especially wind velocity and direction.

Compliance management systems - Guidelines
Product Designation: AS ISO 19600
Scope: Adopts ISO 19600:2014 to provide guidance for establishing, developing, implementing, evaluating, maintaining and improving an effective and responsive compliance management system within an organization.

Respiratory protective devices - Methods of test and test equipment - Part 2: Determination of breathing resistance
Product Designation: AS ISO 16900.2

Respiratory protective devices - Methods of test and test equipment - Part 3: Determination of particle filter penetration
Product Designation: AS ISO 16900.3

Respiratory protective devices - Methods of test and test equipment - Part 4: Determination of gas filter capacity and migration, desorption and carbon monoxide dynamic testing
Product Designation: AS ISO 16900.4
Scope: Adopts ISO 16900-4:2011 to specify test methods for determining the gas capacity of separate or integral gas filters and combined filters for respiratory protective devices as well as carbon monoxide dynamic testing.

Respiratory protective devices - Methods of test and test equipment - Part 11: Determination of field of vision
Product Designation: AS ISO 16900.11
Scope: Adopts ISO 16900-11:2013 to specify test methods for determining the field of vision for a respiratory protective device.
Respiratory protective devices—Terms, definitions, graphical symbols and units of measurement
Product Designation: AS ISO 16972
Scope: Adopts ISO 16972:2010 to provide definitions and specify units of measurement and graphical symbols to be used throughout the series of standards related to respiratory protective devices.

Respiratory protective devices - Human factors - Part 1: Metabolic rates and respiratory flow rates
Product Designation: SA TS ISO 16976.1
Scope: Adopts ISO/TS 16976-1:2007 to provide information related to respiratory and metabolic responses to rest and work at various intensities.
History: First published as SA TS ISO 16976.1:2015.

Respiratory protective devices - Human factors - Part 2: Anthropometrics
Product Designation: SA TS ISO 16976.2
Scope: Adopts ISO/TS 16976-2:2010 to provide information related to anthropometry.
History: First published as SA TS ISO 16976.2:2015.

Respiratory protective devices - Human factors - Part 3: Physiological responses and limitations of oxygen and limitations of carbon dioxide in the breathing environment
Product Designation: SA TS ISO 16976.3
History: First published as SA TS ISO 16976.3:2015.

Respiratory protective devices - Human factors - Part 4: Work of breathing and breathing resistance: Physiologically based limits
Product Designation: SA TS ISO 16976.4
Scope: Adopts ISO/TS 16976-4:2012 to provide information and calculation methods related to respiratory impediments that are imposed on users of respiratory protective devices and the physiological limits of how much users can tolerate.
History: First published as SA TS ISO 16976.4:2015.

Respiratory protective devices - Human factors - Part 5: Thermal effects
Product Designation: SA TS ISO 16976.5
Scope: Adopts ISO/TS 16976-5:2013 to provide information for users of respiratory protective device standards on the thermal effects on the human body from the use of such devices.
History: First published as SA TS ISO 16976.5:2015.

Respiratory protective devices - Human factors - Part 7: Hearing and speech
Product Designation: SA TS ISO 16976.7
Scope: Adopts ISO/TS 16976-7:2013 to provide information for users of respiratory protective device standards on the interaction between the human body functions of hearing and speech.
History: First published as SA TS ISO 16976.7:2015.

Respiratory protective devices - Human factors - Part 8: Ergonomic factors
Product Designation: SA TS ISO 16976.8
Scope: Adopts ISO/TS 16976-8:2013 to provide information for users of respiratory protective device standards on generic ergonomic factors, human physiology and performance.
History: First published as SA TS ISO 16976.8:2015.
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