

- [Home Home](#)
- [About this portal](#)
- [Latest updates](#)

[Save](#)

[Resource detail](#)
[Citations](#)

AS/NZS 3500.1:2018 Plumbing and drainage Part 1: Water services

[View on Information Provider website](#)

Abbreviation

AS/NZS 3500.1:2018

Amendment

A1 - incorporated

Valid from

29/06/2018

Information provider

Standards New Zealand

Author

Standards New Zealand, Standards Australia

Information type

New Zealand Standard

Format

PDF

Cited By

[This resource is cited by 4 documents \(show Citations\)](#)

Cites

[This resource cites 86 documents \(show Citations\)](#)

Description

This Standard specifies requirements for the design, installation and commissioning of cold water services from a point of connection to the points of discharge, and non-drinking water from a point of connection to the points of discharge. It applies to new installations as well as alterations, additions and repairs to existing installations.

Previous versions:

[AS/NZS 3500.1:2015](#)

[AS/NZS 3500.1:2003](#)

For assistance with locating previous versions, please contact the information provider.

[View on Information Provider website](#)

[AS/NZS 3500.1:2015 Amendment A1 - 05-09-2017 - incorporated](#)

[AS/NZS 3500.1:2003 Amendment AS/NZS 3500.1:2003 A1 . - incorporated. Published 28/11/2005](#)

For assistance with locating previous versions, please contact the information provider.

This resource is cited by:

AS/NZS 3500.1:2018 Plumbing and drainage Part 1: Water services

This document is CITED BY:

- [G12/AS1 \(Third Edition, Amendment 12\)](#)

AS/NZS 3500.1:2018 is cited by Acceptable Solution G12/AS1: Water Supplies from 27/06/2019

- [G12/VM1 \(Third Edition, Amendment 12\)](#)

AS/NZS 3500.1:2018 is cited by Verification Method G12/VM1: Water Supplies from 27/06/2019

- [AS/NZS 3500.2:2018](#)

AS/NZS 3500.1:2018 is cited by AS/NZS 3500.2:2018 Plumbing and drainage Part 2: Sanitary plumbing and drainage

- [AS/NZS 3500.4:2018](#)

AS/NZS 3500.1:2018 is cited by AS/NZS 3500.4:2018 Plumbing and drainage Part 4: Heated water services

Back

AS/NZS 3500.1:2018 Plumbing and drainage Part 1: Water services

Show what documents this resource is CITED BY

Show what documents this resource CITES

Description

This Standard specifies requirements for the design, installation and commissioning of cold water services from a point of connection to the points of discharge, and non-drinking water from a point of connection to the points of discharge. It applies to new installations as well as alterations, additions and repairs to existing installations.

[View on Information Provider website](#)

[AS/NZS 3500.1:2018 Plumbing and drainage Part 1: Water services](#)

Description

This Standard specifies requirements for the design, installation and commissioning of cold water services from a point of connection to the points of discharge, and non-drinking water from a point of connection to the points of discharge. It applies to new installations as well as alterations, additions and repairs to existing installations.

[View on Information Provider website](#)

This resource cites:

AS/NZS 3500.1:2018 Plumbing and drainage Part 1: Water services

This document CITES:

New Zealand Standards

- [AS/NZS 1167.1:2005](#)

AS/NZS 3500.1:2018 cites AS/NZS 1167.1:2005 Welding and brazing - Filler metals - Filler metal for brazing and braze welding

- [AS/NZS 1167.2:1999](#)

AS/NZS 3500.1:2018 cites AS/NZS 1167.2:1999 Welding and brazing - Filler metals - Filler metal for welding

- [AS/NZS 1477:2017](#)

AS/NZS 3500.1:2018 cites AS/NZS 1477:2017 PVC pipes and fittings for pressure applications

- [AS/NZS 2032:2006](#)

AS/NZS 3500.1:2018 cites AS/NZS 2032:2006 Installation of PVC pipe systems

- [AS/NZS 2280:2014](#)

AS/NZS 3500.1:2018 cites AS/NZS 2280:2014 Ductile iron pipes and fittings

- [AS/NZS 2492:2007](#)

AS/NZS 3500.1:2018 cites AS/NZS 2492:2007 Cross-linked polyethylene (PE-X) pipes for pressure applications

- [AS/NZS 2537.1:2011](#)

AS/NZS 3500.1:2018 cites AS/NZS 2537.1:2011 Mechanical jointing fittings for use with crosslinked polyethylene (PE-X) for pressure applications - Part 1: Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - General...

- [AS/NZS 2537.2:2011](#)

AS/NZS 3500.1:2018 cites AS/NZS 2537.2:2011 Mechanical jointing fittings for use with crosslinked polyethylene (PE-X) for pressure applications - Part 2: Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Fittings

- [AS/NZS 2537.3:2011](#)

AS/NZS 3500.1:2018 cites AS/NZS 2537.3:2011 Mechanical jointing fittings for use with crosslinked polyethylene (PE-X) for pressure applications - Part 3: Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Fitness for purpose...

- [AS/NZS 2537.4:2011](#)

AS/NZS 3500.1:2018 cites AS/NZS 2537.4:2011 Mechanical jointing fittings for use with crosslinked polyethylene (PE-X) for pressure applications -Part 4: Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Guidance for the assessment...

- [AS/NZS 2537.5:2011](#)

AS/NZS 3500.1:2018 cites AS/NZS 2537.5:2011 Mechanical jointing fittings for use with crosslinked polyethylene (PE-X) for pressure applications - Part 5: Plastics pipes and fittings - Crosslinked polyethylene (PE-X) pipe systems for the conveyance of gaseous fuels - Metric...

- [AS/NZS 2544:1995](#)

AS/NZS 3500.1:2018 cites AS/NZS 2544:1995 Grey iron pressure fittings

- [AS/NZS 2642.2:2008](#)

AS/NZS 3500.1:2018 cites AS/NZS 2642.2:2008 Polybutylene pipe systems - Polybutylene (PB) pipe for hot and cold water applications

- [AS/NZS 2642.3:2008](#)

AS/NZS 3500.1:2018 cites AS/NZS 2642.3:2008 Polybutylene pipe systems - Mechanical jointing fittings for use with polybutylene (PB) pipes for hot and cold water applications

- [AS/NZS 2648.1:1995](#)

AS/NZS 3500.1:2018 cites AS/NZS 2648.1:1995 Underground marking tape - Non-detectable tape

- [AS/NZS 2845.1:2010](#)

AS/NZS 3500.1:2018 cites AS/NZS 2845.1:2010 Water supply - Backflow prevention devices - Part 1: Materials, design and performance requirements

- [AS/NZS 2878:2000 \(Reconfirmed in 2017\)](#)

AS/NZS 3500.1:2018 cites AS/NZS 2878:2000 (R2017) Timber - Classification into strength groups

- [AS/NZS 3500.0:2003](#)

AS/NZS 3500.1:2018 cites AS/NZS 3500.0:2003 Plumbing and drainage - Glossary of terms

- [AS/NZS 3500.4:2018](#)

AS/NZS 3500.1:2018 cites AS/NZS 3500.4:2018 Plumbing and drainage Part 4: Heated water services

- [AS/NZS 3518:2013](#)

AS/NZS 3500.1:2018 cites AS/NZS 3518:2013 Acrylonitrile butadiene styrene (ABS) compounds; pipes and fittings for pressure applications

- [AS/NZS 3879:2011](#)

AS/NZS 3500.1:2018 cites AS/NZS 3879:2011 Solvent cements and priming fluids for PVC (PVC-U and PVC-M) and ABS and ASA pipes and fittings

- [AS/NZS 4020:2018](#)

AS/NZS 3500.1:2018 cites AS/NZS 4020:2018 Testing of products for use in contact with drinking water

- [AS/NZS 4087:2011](#)

AS/NZS 3500.1:2018 cites AS/NZS 4087:2011 Metallic flanges for waterworks purposes

- [AS/NZS 4129:2008](#)

AS/NZS 3500.1:2018 cites AS/NZS 4129:2008 Fittings for polyethylene (PE) pipes for pressure applications

- [AS/NZS 4130:2018](#)

AS/NZS 3500.1:2018 cites AS/NZS 4130:2018 Polyethylene (PE) pipes for pressure applications

- [AS/NZS 4331.1:1995](#)

AS/NZS 3500.1:2018 cites AS/NZS 4331.1:1995 (R2016) Metallic flanges - Steel flanges

- [AS/NZS 4331.2:1995](#)

AS/NZS 3500.1:2018 cites AS/NZS 4331.2:1995 (R2016) Metallic flanges - Cast iron flanges

- [AS/NZS 4331.3:1995](#)

AS/NZS 3500.1:2018 cites AS/NZS 4331.3:1995 (R2016) Metallic flanges - Copper alloy and composite flanges

- [AS/NZS 4441:2017](#)

AS/NZS 3500.1:2018 cites AS/NZS 4441:2017 Oriented PVC (PVC-O) pipes for pressure applications

- [AS/NZS 4671:2001](#)

AS/NZS 3500.1:2018 cites AS/NZS 4671:2001 Steel reinforcing materials

- [AS/NZS 4680:2006](#)

AS/NZS 3500.1:2018 cites AS/NZS 4680:2006 (R2017) Hot-dip galvanised (zinc) coatings on fabricated ferrous articles

- [AS/NZS 4765:2017](#)

AS/NZS 3500.1:2018 cites AS/NZS 4765:2017 Modified PVC (PVC-M) pipes for pressure applications

- [AS/NZS 4792:2006](#)

AS/NZS 3500.1:2018 cites AS/NZS 4792:2006 (R2017) Hot-dip galvanized (zinc) coatings on ferrous hollow sections, applied by a continuous or a specialized process

- [NZS 3109:1997](#)

AS/NZS 3500.1:2018 cites NZS 3109:1997 Concrete construction

- [NZS 3124:1987](#)

AS/NZS 3500.1:2018 cites NZS 3124:1987 Specification for concrete construction for minor works

- [NZS 3501:1976](#)

AS/NZS 3500.1:2018 cites NZS 3501:1976 Specification for copper tubes for water, gas, and sanitation

- [NZS 3640:2003](#)

AS/NZS 3500.1:2018 cites NZS 3640:2003 Chemical preservation of round and sawn timber

- [NZS 4121:2001](#)

AS/NZS 3500.1:2018 cites NZS 4121:2001 Design for access and mobility - Buildings and associated facilities

- [NZS 5807:1980](#)

AS/NZS 3500.1:2018 cites NZS 5807:1980 Code of practice for industrial identification by colour, wording or other coding

- [NZS 7702:1989](#)

AS/NZS 3500.1:2018 cites NZS 7702:1989 Specification for colours for identification, coding and special purposes

Australian Standards

- [AS 1074-1989](#)

AS/NZS 3500.1:2018 cites AS 1074-1989 (R2018) Steel tubes and tubulars for ordinary service

- [AS 1172.1:2014](#)

AS/NZS 3500.1:2018 cites AS 1172.1:2014 Water closets (WCs) - Part 1: Pans

- [AS 1172.2:2014](#)

AS/NZS 3500.1:2018 cites AS 1172.2:2014 Water closets (WCs) Flushing devices and cistern inlet and outlet valves

- [AS 1319:1994](#)

AS/NZS 3500.1:2018 cites AS 1319:1994 (R2018) Safety signs for the occupational environment

- [AS 1345-1995](#)

AS/NZS 3500.1:2018 cites AS 1345-1995 (R2018) Identification of the contents of pipes, conduits and ducts

- [AS 1379-2007](#)

AS/NZS 3500.1:2018 cites AS 1379-2007 (R2017) Specification and supply of concrete

- [AS 1397-2011](#)

AS/NZS 3500.1:2018 cites AS 1397-2011 Continuous hot-dip metallic coated steel sheet and strip - Coatings of zinc and zinc alloyed with aluminium and magnesium

- [AS 1432-2004 \(R2016\)](#)

AS/NZS 3500.1:2018 cites AS 1432-2004 (R2016) Copper tubes for plumbing, gasfitting and drainage applications

- [AS 1478.1-2000 \(Reconfirmed in 2018\)](#)

AS/NZS 3500.1:2018 cites AS 1478.1-2000 (R2018) Chemical admixtures for concrete, mortar and grout - Admixtures for concrete

- [AS 1604.1-2012](#)

AS/NZS 3500.1:2018 cites AS 1604.1-2012 Specification for preservative treatment - Part 1: Sawn and round timber

- [AS 1646-2007](#)

AS/NZS 3500.1:2018 cites AS 1646-2007 (R2018) Elastomeric seals for waterworks purposes

- [AS 1657-2013](#)

AS/NZS 3500.1:2018 cites AS 1657-2013 Fixed platforms, walkways, stairways and ladders - Design, construction and installation

- [AS 2129-2000](#)

AS/NZS 3500.1:2018 cites AS 2129-2000 (R2016) Flanges for pipes valves and fittings

- [AS 2419.1:2017 \(2017-11-06\)](#)

AS/NZS 3500.1:2018 cites AS 2419.1:2017 Fire Hydrant Installations. Part 1: System design, installation and commissioning

- [AS 2700-2011](#)

AS/NZS 3500.1:2018 cites AS 2700-2011 Colour standards for general purposes

- [AS 2845.2-2010](#)

AS/NZS 3500.1:2018 cites AS 2845.2-2010 Water supply - Backflow preventions devices Registered air gaps and registered break tanks

- [AS 2845.3-2010](#)

AS/NZS 3500.1:2018 cites AS 2845.3-2010 Water supply - Part 3: Field testing and maintenance of testable devices

- [AS 2865-2009](#)

AS/NZS 3500.1:2018 cites AS 2865-2009 Confined spaces

- [AS 3600-2018](#)

AS/NZS 3500.1:2018 cites AS 3600-2018 Concrete structures

- [AS 3688:2016](#)

AS/NZS 3500.1:2018 cites AS 3688:2016 Water supply and gas systems - Metallic fittings and end connectors

- [AS 3795-1996](#)

AS/NZS 3500.1:2018 cites AS 3795-1996 Copper alloy tubes for plumbing and drainage applications

- [AS 4176.1-2010](#)

AS/NZS 3500.1:2018 cites AS 4176.1-2010 Multilayer pipes for pressure applications - Part 1: Multilayer piping systems for hot and cold water plumbing applications - General (ISO 21003-1:2008, MOD)

- [AS 4176.2-2010](#)

AS/NZS 3500.1:2018 cites AS 4176.2-2010 Multilayer pipes for pressure applications - Part 2: Multilayer piping systems for hot and cold water plumbing applications - Pipes (ISO 21003-2:2008, MOD)

- [AS 4176.3-2010](#)

AS/NZS 3500.1:2018 cites AS 4176.3-2010 Multilayer pipes for pressure applications - Part 3: Multilayer piping systems for hot and cold water plumbing applications - Fittings (ISO 21003-3:2008, MOD)

- [AS 4176.5-2010](#)

AS/NZS 3500.1:2018 cites AS 4176.5-2010 Multilayer pipes for pressure applications - Part 5: Multilayer piping systems for hot and cold water plumbing applications - Fitness for purpose of the system (ISO 21003-5:2008, MOD)

- [AS 4176.7-2010](#)

AS/NZS 3500.1:2018 cites AS 4176.7-2010 Multilayer pipes for pressure applications - Part 7: Multilayer piping systems for hot and cold water plumbing applications - Assessment of conformity (ISO/TS 21003-7:2008, MOD)

- [AS 4176.8-2010](#)

AS/NZS 3500.1:2018 cites AS 4176.8-2010 Multilayer pipes for pressure applications - Part 8: Multilayer pipe systems for consumer gas installations with a maximum operating pressure up to and including 5 bar (500 kPa) - Specifications for systems (ISO 17484-1:2006, MOD)

- [AS 4728-2005 \(R2016\)](#)

AS/NZS 3500.1:2018 cites AS 4728-2005 (R2016) Electric resistance welded steel pipe for pressure purposes

- [AS 4809:2017](#)

AS/NZS 3500.1:2018 cites AS 4809:2017 Copper pipe and fittings - Installation and commissioning

- [AS 5082.1-2007 \(R2017\)](#)

AS/NZS 3500.1:2018 cites AS 5082.1-2007 (R2017) Polybutylene (PB) plumbing pipe systems - Metric series Metric polybutylene (PB) pipes for hot and cold water applications

- [AS 5082.2-2007 \(R2017\)](#)

AS/NZS 3500.1:2018 cites AS 5082.2-2007 (R2017) Polybutylene (PB) plumbing pipe systems - Metric series Mechanical and fusion jointing systems

- [AS 5200.053-2008](#)

AS/NZS 3500.1:2018 cites AS 5200.053-2008 Plumbing and drainage products - Part 053: Stainless steel pipes and tubes for pressure applications

Other

- [ASME B36.19M:2004](#)

AS/NZS 3500.1:2018 cites ASME B36.19M:2004 (R2015) Stainless Steel Pipe

- [ASTM D2846 / D2846M - 17be1](#)

AS/NZS 3500.1:2018 cites ASTM D2846 / D2846M - 17be1 Standard Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution Systems

- [ASTM F493-14](#)

AS/NZS 3500.1:2018 cites ASTM F493-14 Standard Specification for Solvent Cements for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe and Fittings

- [AWWA C217-16 \(2016\)](#)

AS/NZS 3500.1:2018 cites AWWA C217-16 Microcrystalline Wax and Petrolatum Tape Coating Systems for Steel Water Pipe and Fittings

- [AWWA C651-14](#)

AS/NZS 3500.1:2018 cites AWWA C651-14 Disinfecting Water Mains

- [BS 1387:1985](#)

AS/NZS 3500.1:2018 cites BS 1387:1985 Specification for screwed and socketed steel tubes and tubulars and for plain end steel tubes suitable for welding or for screwing to BS 21 pipe threads

- [BS EN 10312:2002](#)

AS/NZS 3500.1:2018 cites BS EN 10312:2002 Welded stainless steel tubes for the conveyance of aqueous liquids including water for human consumption. Technical delivery conditions

- [ISO 15874-1:2013](#)

AS/NZS 3500.1:2018 cites ISO 15874-1:2013 (R2017) Preview Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 1: General

- [ISO 15874-2:2013](#)

AS/NZS 3500.1:2018 cites ISO 15874-2:2013 (2017) Preview Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 2: Pipes

- [ISO 15874-3:2013](#)

AS/NZS 3500.1:2018 cites ISO 15874-3:2013 (R2017) Preview Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 3: Fittings

- [ISO 15874-5:2013](#)

AS/NZS 3500.1:2018 cites ISO 15874-5:2013 (R2017) Preview Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 5: Fitness for purpose of the system

- [NCC 2016 - Complete Series \(2016\)](#)

AS/NZS 3500.1:2018 cites NCC 2016 - National Construction Code of Australia - Complete Series

- [NZBC G12](#)

AS/NZS 3500.1:2018 cites Building Code Clause G12 - Water Supplies

- [WSA 03-2011 \(3.1\)](#)

AS/NZS 3500.1:2018 cites WSA 03-2011 Water Supply Code of Australia

Back

Close

Table of Contents

Print [Save](#) Email

[Feedback](#)

<input type="text"/>		
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>		

- [Contact us](#)
- [Privacy policy](#)
- [Disclaimer](#)
- [Copyright](#)

<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>		

[Feedback](#)