

AS/NZS 3500.1:2003
(Incorporating Amendment Nos 1 and 2)

AS/NZS 3500.1:2003

Australian/New Zealand Standard™

Plumbing and drainage

Part 1: Water services



AS/NZS 3500.1:2003

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee WS-014, Plumbing and Drainage. It was approved on behalf of the Council of Standards Australia on 29 July 2003 and on behalf of the Council of Standards New Zealand on 8 August 2001.

This Standard was published on 15 December 2003.

The following are represented on Committee WS-014:

	ACT Planning and Land Authority
	Association of Hydraulic Services Consultants Australia
	Australian Building Codes Board
	Australian Industry Group
	Australian Stainless Steel Development Association
	Building Officials Institute of New Zealand
A2	Copper Development Centre–Australia
	Department of Building and Housing (New Zealand)
	Department of Infrastructure and Planning, (Qld)
	Department of Justice (Tasmania)
	Department of Planning and Infrastructure (NT)
	Gas Appliance Manufacturers Association of Australia
	Housing Industry Association
	Institute of Plumbing Australia
A2	Master Plumbers Gasfitters and Drainlayers New Zealand
	National Fire Industry Association
	New Zealand Manufacturers and Exporters Association
	New Zealand Water and Waste Association
	Plastic Industry Pipe Association of Australia
	Plastics New Zealand
	Plumbers Licensing Board of WA
	Plumbers, Gasfitters and Drainlayers Board
A2	Plumbing Industry Commission
	Plumbing Products Industry Group
	South Australian Water Corporation
	Sydney Water Corporation
	Water Services Association of Australia

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We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia or Standards New Zealand at the address shown on the back cover.

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee WS-014, National Plumbing and Drainage Code, to supersede AS/NZS 3500.1.2:1998, National plumbing and drainage, Part 2: *Water—Acceptable solutions*.

This Standard incorporates Amendment No. 1 (November 2005) and Amendment No. 2 (December 2010). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

The objective of this Standard is to provide installers with solutions to comply with—

- (a) the Plumbing Code of Australia (PCA); and
- (b) the New Zealand Building Code (clause G12 Water Supplies).

This Standard is part of a series for plumbing and drainage, as follows:

AS/NZS

3500	Plumbing and drainage
3500.0	Part 0: Glossary of terms
3500.1	Part 1: Water services (this Standard)
3500.2	Part 2: Sanitary plumbing and drainage
3500.3	Part 3: Stormwater drainage
3500.4	Part 4: Heated water systems
3500.5	Part 5: Domestic installations

This revision includes the following changes:

- (a) Aligning the requirements with the Plumbing Code of Australia.
- (b) Clarification of the sections on hydrants and water tanks.
- (c) New provisions for non-drinking water and rainwater tanks.
- (d) Revision of the materials used in plumbing.
- (e) Incorporation of Amendment 1, 2002 and PL/1 rulings 2002 numbers 1 to 35.

A2 | This Standard is to be read in conjunction with the Plumbing Code of Australia (PCA) in Australia and the New Zealand Building Code in New Zealand.

Where alternative Australian or New Zealand standards are referenced (such as AS 1345 or NZS 5807 as appropriate) the Australian Standard shall be used for Australia and the New Zealand Standard shall be used for New Zealand.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

Statements expressed in mandatory terms in notes to figures and tables are deemed to be requirements of this Standard.

This document includes commentary on some of the clauses of the Standard. The commentary directly follows the relevant clause, is designated by ‘C’ preceding the clause number and is printed in italics in a box. The commentary is for information and guidance and does not form part of the Standard.

PROVISION FOR REVISION

This Standard necessarily deals with existing conditions, but is not intended to discourage innovation or to exclude materials, equipment and methods, which may be developed in future. Revisions will be made from time to time in view of such developments and amendments to this edition will be made only when absolutely necessary.

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