



AS/NZS 3500.5:2000
(Incorporating Amendment Nos 1, 2, 3 and 4)

Plumbing and Drainage Part 5: Domestic installations



STANDARD

AS/NZS
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AS/NZS 3500.5:2000

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee WS-014, National Plumbing and Drainage Code. It was approved on behalf of the Council of Standards Australia on 28 July 2000 and on behalf of the Council of Standards New Zealand on 21 November 2000. This Standard was published on 15 December 2000.

The following are represented on Committee WS-014:

ACT Department of Urban Services
Association of Hydraulic Services Consultants Australia
AUSTAP
Australian Building Codes Board
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Australian Industry Group
Building Research Association of New Zealand
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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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Australian/New Zealand Standard™

Plumbing and drainage

Part 5: Domestic installations

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PREFACE

This Standard was prepared by the Joint Standards Australia Standards New Zealand Committee WS-014, National Plumbing and Drainage, to provide a suitable Standard for domestic-type plumbing and drainage.

This Standard incorporates Amendment No. 1 (November 2002), Amendment No. 2 (July 2004), Amendment No. 3 (February 2006) and Amendment No. 4 (July 2006). The changes required by the Amendments 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 describe in a simplified way the installation requirements for hot and cold water services, sanitary plumbing and drainage and stormwater drainage. Alternative systems are not included in this document and reference should be made to the relevant Parts of AS/NZS 3500.

The Standard incorporates extracts from the National Plumbing and Drainage Standards to suit domestic plumbing installation. Readers of this Standard are advised that some network utility operators may have additional or varied requirements to those described herein.

Section 5 of this Standard is a Building Code of Australia primary referenced Section by way of BCA Amendment 8 to be published by 1 January 2001.

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

Support and contribution is acknowledged from Master Plumbers Australia, Exhibition Street, Melbourne.

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Australian/New Zealand Standard**Plumbing and drainage****Part 5: Domestic installations**

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard sets out the requirements for the installation of hot and cold water supply, sanitary plumbing and drainage and stormwater drainage, for domestic plumbing work.

This Standard does not apply to water services for fire fighting, such as hydrants, hose reels and sprinkler systems.

Sections 1 to 4 of this Standard are taken from AS/NZS 3500 Parts 1.2, 2.2, and 4.2. Where there is any conflict between provisions in this Standard, Parts 1.2, 2.2, and 4.2 shall prevail. Section 5 of this Standard is based on AS/NZS 3500.3.2, and includes design information. Consequently, it is recommended installations be based exclusively on either Section 5 or AS/NZS 3500.3.2.

Illustrations used in this Standard are diagrammatic only and have been chosen without prejudice.

1.2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

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|------------|--|
| 1056 | Storage water heaters |
| 1056.1 | Part 1: General requirements |
| 1074 | Steel tubes and tubulars for ordinary service |
| 1167 | Welding and brazing—Filler metals |
| 1167.1 | Part 1: Filler metal for brazing and braze welding |
| 1170 | Minimum design loads on structures |
| 1170.3 | Part 3: Snow loads |
| 1254 | Unplasticized PVC (UPVC) pipes and fittings for storm and surface water applications |
| 1273 | Unplasticized PVC (UPVC) downpipe and fittings for rainwater |
| 1289 | Methods of testing soils for engineering purposes |
| 1289.5 | Part 5: Soil compaction and density tests |
| 1289.5.4.1 | Part 5.4.1: Compaction control test—Dry density ratio, moisture variation and moisture ratio |