

Australian/New Zealand Standard™

Plumbing and drainage

Part 2: Sanitary plumbing and drainage



AS/NZS 3500.2:2003

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 19 August 2003 and on behalf of the Council of Standards New Zealand on 22 August 2003.
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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 3500.2.2:1996 *National Plumbing and Drainage, Part 2.2: Sanitary plumbing and drainage—Acceptable solutions*.

This Standard incorporates Amendments No. 1 (November 2005), No. 2 (August 2006), No. 3 (December 2010) and No. 4 (December 2011). 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 provide installers with solutions to comply with—

- (a) the Plumbing Code of Australia (PCA); and
- (b) the New Zealand Building Code (Clause G13 Foul water).

The revision of this Standard has been developed to complement the Plumbing Code of Australia and incorporates amendments and additions arising from industry requirements.

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
3500.2	Part 2: Sanitary plumbing and drainage systems (this Standard)
3500.3	Part 3: Stormwater drainage systems
3500.4	Part 4: Heated water services
3500.5	Part 5: Domestic installations

This revision includes the following changes:

- (i) Alignment with the Plumbing Code of Australia (PCA).
- (ii) Revision of the materials used in plumbing and drainage.
- (iii) New provisions covering multi-unit development.
- (iv) Incorporation of Amendments 1 and 2.
- (v) PL-001 rulings 2002, Numbers 1 to 35.

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.

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.

Statements expressed in mandatory terms in notes to figures and tables are deemed to be requirements of this 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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This Standard incorporates commentary on some of the clauses. The commentary directly follows the relevant clause, is designated by 'C' preceding the clause number and is printed in italics in a panel. The commentary is for information only and does not need to be followed for compliance with the Standard.

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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Australian/New Zealand Standard
Plumbing and drainage

Part 2: Sanitary plumbing and drainage

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE AND APPLICATION**1.1.1 Scope**

This Standard specifies the requirements for the design and installation of sanitary plumbing and drainage from the fixtures to a sewer, common effluent system or an on-site wastewater management system, as appropriate.

The Standard applies to new installations as well as alterations, additions or repairs to existing installations.

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

NOTE: The pre-treatment of trade wastes is not specified in this Standard.

1.1.2 Application**1.1.2.1 *Plumbing Code of Australia reference***

This Standard will be referenced in the Plumbing Code of Australia.

1.1.2.2 *New Zealand Building Code reference*

This Standard may be used for compliance with New Zealand Building Code, Clause G13 Foul water.

1.2 NORMATIVE REFERENCES

A3

The normative documents referenced in this Standard are listed in Appendix A.

NOTE: Documents referenced for informative purposes are listed in the Bibliography.

1.3 DEFINITIONS

A1

For the purpose of this Standard, the definitions given in AS/NZS 3500.0 and the one below apply:

1.3.1 Pressure attenuator

A device used as an alternative to relief venting to reduce positive air pressure pulses in discharge stacks.