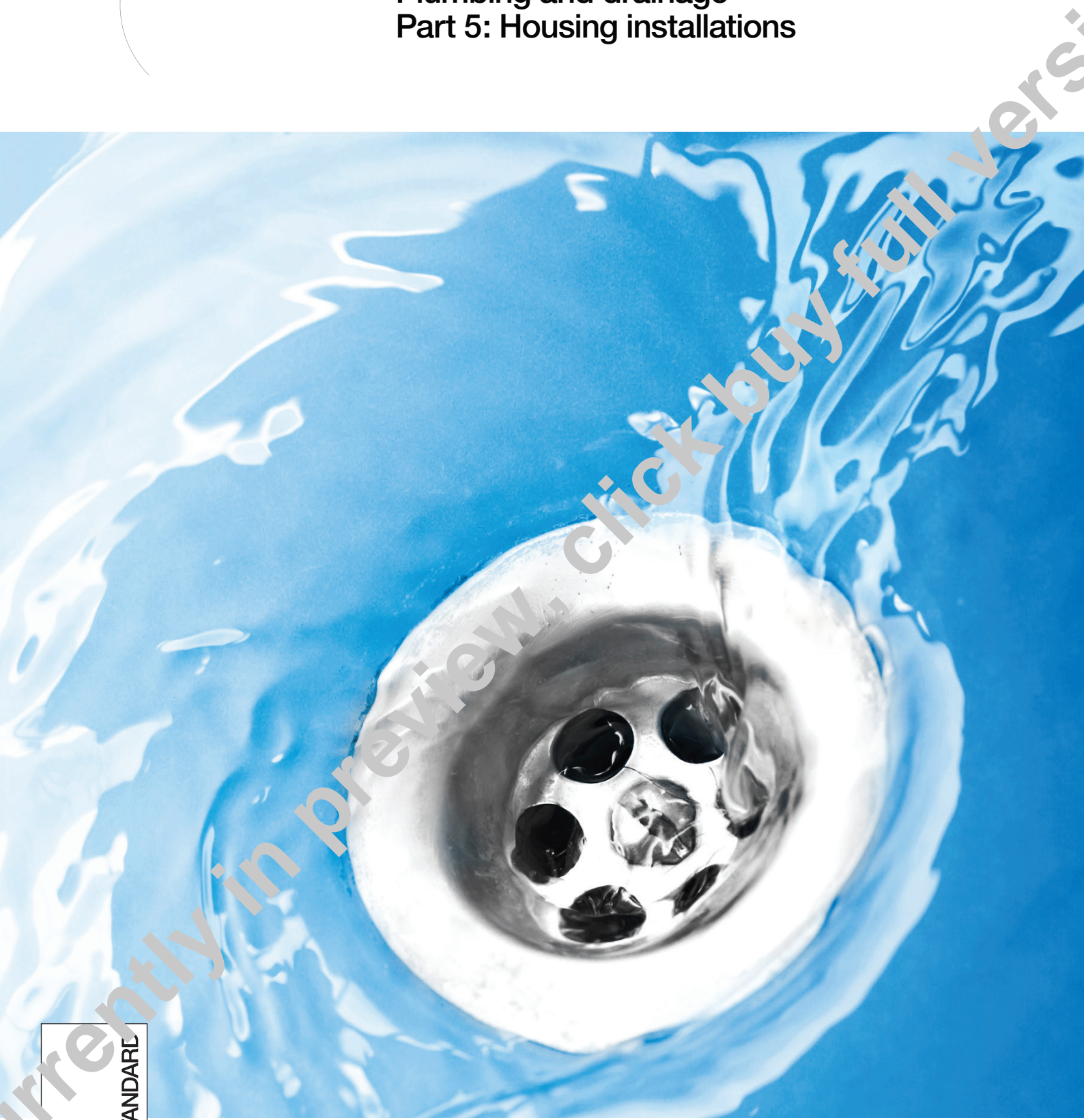




STANDARDS  
Australia

AS/NZS 3500.5:2012  
**Plumbing and drainage**  
**Part 5: Housing installations**



STANDARDS

AS/NZS



## **AS/NZS 3500.5:2012**

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 20 November 2012 and on behalf of the Council of Standards New Zealand on 12 October 2012.  
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*This Standard was issued in draft form for comment as DR AS/NZS 3500.5.*

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Australian/New Zealand Standard™

**Plumbing and drainage**

**Part 5: Housing 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 supersede AS/NZS 3500.5:2000, *National plumbing and drainage, Part 5: Domestic installations*.

The objective of this Standard is to provide a quick reference document for a property that contains up to 19 Class 1a buildings as defined in the National Construction Code (NCC), BCA Vol. 2, Housing Provisions. Plumbing and drainage systems that fall outside this objective or are otherwise not covered by this Standard are provided for in the other relevant Parts of AS/NZS 3500, *Plumbing and drainage*.

In New Zealand this Standard is acceptable for complying with the New Zealand Building Code for plumbing and drainage in association with simple houses as referenced in the *Simple House Acceptable Solution*.

This revision has been published to bring the document in to alignment with the requirements of AS/NZS 3500, Parts 1 to 4, as published in May 2012. All sections, apart from Section 5, *Stormwater drainage*, have been revised extensively, both in content and layout.

This Standard incorporates extracts from AS/NZS 3500.1, *Plumbing and drainage, Part 1: Water services*, AS/NZS 3500.2, *Plumbing and drainage, Part 2: Sanitary plumbing and drainage*, AS/NZS 3500.3, *Plumbing and drainage, Part 3: Stormwater drainage*, and AS/NZS 3500.4, *Plumbing and drainage, Part 4: Heated water services*, suitable for domestic type plumbing and drainage installations. Readers of this Standard are advised that some network utility operators may have additional or varied requirements to those described herein.

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

Notes to the text are for information and guidance only.

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.

*This Standard incorporates a Commentary on some Clauses. The Commentary directly follows the relevant clause, is designated by 'C' preceding the clause number and is printed in italics in a panel.*

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## STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

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

## SECTION 1 SCOPE AND GENERAL

**1.1 SCOPE**

This Standard specifies requirements for the design and installation of—

- (a) cold water services;
- (b) heated water services;
- (c) rainwater systems;
- (d) water supply systems that are combined with home fire sprinkler systems;
- (e) greywater systems;
- (f) sanitary plumbing and drainage systems, and
- (g) stormwater drainage systems,

for a property containing up to 9 Class 1a buildings as specified in Clause 1.4.4.

NOTE: Requirements for Class 1a multi-unit developments are given in Clause 4.12.

This Standard does not apply to requirements for dedicated firefighting systems.

NOTE: Requirements for fire hydrants and fire hose reels are covered by AS/NZS 3500.1.

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

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

**1.2 NORMATIVE REFERENCES**

Documents that are indispensable for the application of this Standard are listed in Appendix A.

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

**1.3 DEFINITIONS**

For the purpose of this Standard the definitions given in the NCC, Volume 3, Plumbing Code of Australia and AS/NZS 3500.0 apply.