

Australian Standard™

**Water closets (WC)**

**Part 1: Pans**

**STANDARDS**  
Australia



This Australian Standard was prepared by Committee WS-003, Sanitary Plumbing Fixtures. It was approved on behalf of the Council of Standards Australia on 5 August 2005. This Standard was published on 29 August 2005.

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The following are represented on Committee WS-003:

Australian Chamber of Commerce and Industry  
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Brisbane Water  
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Housing Industry Association  
Local Government New Zealand  
Testing Interests  
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## PREFACE

This Standard was prepared by the Standards Australia Committee on Sanitary Plumbing Fittings to supersede AS 1172.1—1993, *Water closets of 6/3 L capacity*, Part 1: *Pans* on publication.

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee WS-003. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this Standard is to provide manufacturers, importers, suppliers and users with requirements for pans for water closets.

Major alterations to the 1993 edition include—

- (a) introduction of the reduced flush liquid contaminants test (Appendix H);
- (b) minor revisions of a number of other tests (without changing the substance of the tests); and
- (c) editorial revision of the whole document including revision of the style of the Standard and the re-numbering of Clauses.

This Standard covers water closet pans of all types suitable for reduced-flush matched performance sets (for example 6/3 L) and other nominated combinations intended for use with flushing cisterns complying with AS 1172.2.

This Standard meets the recommended policy of the Australian Water Resources Council (AWRC) for dual-flush and reduced-flush volumes and its definition for proven equivalent and does not preclude the development of alternative technologies and discharge volumes, which may be acceptable to the Water Authorities.

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## STANDARDS AUSTRALIA

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**Part 1: Pans**


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## SECTION 1 SCOPE AND GENERAL

**1.1 SCOPE**

This Standard specifies the requirements for pans intended for use with flushing cisterns complying with AS 1172.2 and other flushing devices.

**1.2 REFERENCED DOCUMENTS**

The following documents are referred to in this Standard:

AS	
1172	Water closets of 6/3 L capacity or proven equivalent
1172.2	Part 2: Cisterns
1976	Vitreous china used in sanitary appliances
AS/NZS	
3500	Plumbing and drainage
3500.0	Part 0: Glossary of terms
ASME	
A112.19.14	Six Liter Water Closets Equipped with Dual Flushing Device
ASTM	
A240M	Standard specification for chromium and chromium-nickel stainless steel plate, sheet and strip for pressure vessels and for general applications

**1.3 DEFINITIONS**

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

**1.3.1 Trailing water volume**

The remaining full flush volume of water discharged from the pan after the last of four test pieces is expelled satisfactorily from the outlet spigot of the pan to ensure solids transportation within the sewer lines.

**1.3.2 Component**

That part of, or a subassembly of parts, which contribute to the construction of a total assembly by choice or design which will offer variations of fitment for the application of the major element of the product, whether produced by that same manufacturer or not. The component shall be deemed a vital part of the total assembly and shall not inhibit the product from complying with the relevant Australian Standard, or the appropriate specification, when submitted for type testing.