

## STANDARDS AUSTRALIA

**Amendment No. 1**  
to  
**AS 1172.2:2014**  
**Water closets (WCs)**  
**Part 2: Flushing devices and cistern inlet and outlet valves**

**REVISED TEXT**

The 2014 edition of AS 1172.2 is amended as follows; the amendments should be inserted in the appropriate places.

SUMMARY: This Amendment applies to the Title, Preface, Clauses 1.3, 1.4, 2.2, 2.4.8, 2.5.4, 4.2, 4.4.2, 4.6, 4.7.1, 5.4.3.4, 5.4.3.5, 5.4.3.6, 6.4.4, Appendices A, C, D, E, G, J, K, M, Appendix N (new) and Bibliography.

Published on 29 June 2018.

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**Title**

Front cover, inside front cover and first page, *delete* ‘Water closets (WCs)’ and *replace* with ‘Sanitary plumbing products’.

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**Preface**

First paragraph, *add* the following after ‘Part 2: Cisterns;’:

ATS 5200.004—2005, *Technical Specification for plumbing and drainage products*, Part 004: *Urinal flushing cisterns*;

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**Clause 1.3**

*Delete* ‘compliance’ (in title and text) and *replace* with ‘conformance’.

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**Clause 1.4**

1 *Delete* title of 1172 (including part title) and *replace* with the following:

1172 Sanitary plumbing products  
1172.1 Part 1: Water closet pans

2 *Add* the following under AS/NZS listing:

6400 Water efficient products—Rating and labelling

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**Clause 2.2**

1 *Replace* Item (d) with the following:

(d) WELS label to AS/NZS 6400.

2 *Delete* Item (g).

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**Clause 2.4.8**

*Delete* clause text and *replace* with the following:

The cistern air separation distance shall be a minimum of 20 mm, as shown in Figure 2.1. The air separation distance shall be determined in accordance with Appendix N.

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**Clause 2.5.4**

*Delete* clause text and *replace* with the following:

When tested in accordance with Appendix H, the outlet valve shall not deteriorate to such an extent that it will not conform with the specified discharge test.

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**Clause 4.2**

1 *Replace* Item (c) with the following:

(c) WELS label to AS/NZS 6400.

2 *Add* new Item (g) as follows:

(g) For use with break tank supply only.

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**Clause 4.4.2**

*Delete* the Clause.

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**Clause 4.6**

*Replace* Clause text with the following:

Product documentation shall be provided, and shall identify critical product characteristics as follows:

(a) Compatible fixtures.

(b) Delivery volume and flow rate.

(c) Pressure/temperature or other limitations.

(d) Nominal flush pipe diameter and height.

(e) A warning statement that ‘the valve can only be used with break tank supply’.

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**Clause 4.7.1**

*Replace* Clause text with the following:

Installation instructions shall be provided, and shall be fully detailed, as follows:

(a) Reference to installation in accordance with AS/NZS 3500.2.

(b) Step by step instructions.

(c) A warning statement that ‘the valve can only be used with break tank supply’.

(d) The need for special tools or training.

(e) Commissioning procedures and adjustments required.

(f) Troubleshooting guide.

(g) Contact details for after-sales service.

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**Clause 5.4.3.4**

1 *Correct* designation and title of Clause 5.4.3.4 as follows:

**5.4.4 Valve closing pressure—Low pressure valves**

2 Second paragraph, *replace* reference to ‘Clause 5.4.3.5’ with ‘Clause 5.4.5’.

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**Clause 5.4.3.5**

*Correct* designation and title of Clause 5.4.3.5 as follows:

**5.4.5 Cistern refill time—Low pressure water inlet valves**

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**Clause 5.4.3.6**

*Correct* designation and title of Clause 5.4.3.6 as follows:

**5.4.6 Air separation distance—Low pressure inlet valves**

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**Clause 6.4.4**

*Delete* clause text and *replace* with the following:

When tested in accordance with Appendix D, cistern outlet valves that are fitted with an overflow tube shall have a minimum overflow capacity of 20 L/min.

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**Appendix A, Title**

*Delete* Appendix title and *replace* with ‘DEMONSTRATION OF CONFORMANCE TO THIS STANDARD’.

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**Appendix A, Paragraph A1**

*Delete* Paragraph text and *replace* with the following:

This Appendix sets out minimum requirements for evaluating product conformity to this Standard:

- (a) Initial type testing.
  - (b) Factory production control, including a minimum sampling and testing frequency plan.
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**Appendix A, Paragraph A3**

*Delete* Paragraph A3.

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**Appendix A, Paragraph A5**

*Delete* Paragraphs A5.1 to A5.3 and *replace* with the following:

**A5.1 Type testing**

Table A1 sets out the minimum sampling and testing frequency plan for a manufacturer to demonstrate conformance of product(s) to this Standard on an ongoing basis.

**A5.2 Retesting**

In the event of a test failure, the products within the batch shall be 100% tested at an appropriate acceptable quality level (AQL) and only those batches found to conform may be claimed and/or marked as conforming to this Standard.