

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Amendment No. 2
to
AS/NZS 3718:2005
Water supply—Tap ware

REVISED TEXT

The 2005 edition of AS/NZS 3718 is amended as follows; the amendments should be inserted in the appropriate places.

SUMMARY: This Amendment applies to the Preface, Clauses 1.1, 1.3.13, 1.3.30, 1.3.31 (new), 1.3.32 (new), 1.6.1, 1.6.2, 2.2.3(a), 2.3(a), 3.10(a), 4.4, 4.6.1 and 4.6.2 and Appendices A, B, E, G, K and R (new).

Published on 5 December 2008.

Approved for publication in New Zealand on behalf of the Standards Council of New Zealand on 5 September 2008

Preface

Delete the first paragraph and *replace* with the following:

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee WS-001, Water Fittings, to supersede AS/NZS 3718:2003.

The objective of this revision is to incorporate the testing requirements for the determination of flow rates required by the Water Efficient Labelling and Standards Scheme (WELS) and to correct errors in the previous edition.

Clause 1.1

Delete the NOTE and *replace* with the following NOTES:

NOTES:

- 1 Certification under the Plumbing Code of Australia is mandatory in Australia but not in New Zealand.
- 2 Where the static hot and cold water supply systems pressures are below 35 kPa, then water-efficient tap ware may not need to be fitted.

Clause 1.3.13

Delete the paragraph and *replace* with the following:

The water consumption of a fully open water tap, which is measured in litres per minute, using a dynamic water pressure of—

- (a) 35 kPa in accordance with Appendix R;
- (b) 250 kPa; or
- (c) the average of 150, 250 and 350 kPa in accordance with Appendix G.

Clause 1.3.30

Delete the clause and *replace* with the following:

1.3.30 High pressure

Where both the hot water and cold water supply pressures are at 150 kPa or above.

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Clause 1.3.31 (new)

Add the following new clause:

1.3.31 Low pressure

Where both the hot water and cold water supply pressures are below 150 kPa.

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Clause 1.3.32 (new)

Add the following new clause:

1.3.32 Unequal pressure

Where the hot water supply pressure is below 150 kPa and the cold supply pressure is at or above 150 kPa.

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Clause 1.6.1

Delete the paragraph and *replace* with the following:

Taps and outlets that are required to conform with AS/NZS 6400 shall be labelled on the packaging with their nominated supply pressure (e.g., high pressure, low and/or unequal pressure) and intended application (e.g., basin, kitchen sink, ablution trough, laundry tub).

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Clause 1.6.2

Delete the word 'limitations' from third line of first paragraph and *replace* with 'application or limitation'.

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Clause 2.2.3(a)

Delete 'AS 2738.2' and *replace* with 'AS 2738'.

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Clause 2.3(a)

First line, *delete* 'or AS 2837'.

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Clause 3.10(a)

Insert 'and Clause 4.11' after 'Clause 4.9'.

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Clause 4.4

Delete the clause and *replace* with the following:

4.4 SURFACE-MOUNTING STRENGTH TEST FOR TAPS

When tested in accordance with Appendix E, the surface-mounting components of the tap shall show no signs of cracking, deformation, stripping of threads or unsecured mounting, and shall comply with the requirements of the Clause 4.5.

NOTE: This Clause does not apply to recessed, wall-mounted tap bodies.

Clause 4.6.1

Delete text of Clause 4.6.1 and *replace* with the following:

4.6.1.1 High pressure

The flow rate of a tap or tap outlet shall be determined in accordance with Appendix G.

4.6.1.2 Low and unequal pressure

The flow rate of a tap or tap outlet shall be determined in accordance with Appendix R.

Clause 4.6.2

Delete text of Clause 4.6.2 and *replace* with the following:

4.6.2.1 High pressure

Where labelling compliance with AS/NZS 6400 is mandatory, the nominal flow rate shall be determined in accordance with Appendix G, and shall comply with the following:

- (a) The maximum difference between the highest and lowest average flow rate shall not exceed 2.0 L/min.
- (b) The highest average flow rate shall not exceed the upper limit of the flow range for the determined nominal flow rate in AS/NZS 6400 by more than 1.0 L/min.
- (c) The lowest average flow rate shall be not less than the lower limit of the flow range for the determined nominal flow rate in AS/NZS 6400 by more than 1.0 L/min.

4.6.2.2 Low and unequal pressure

Where labelling compliance with AS/NZS 6400 is mandatory, the nominal flow rate shall be determined in accordance with Appendix R.

Appendix A, Table A1

- 1 In Table A1, Section 4, *delete* the row referring to Clause 4.4 and *replace* with the following:

4.4	Surface-mounting strength test for taps	Appendix E	✓				
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- 2 In Table A1, Section 4, the row referring to 'Clause 4.6', *insert* 'or R' after 'Appendix G'.

Appendix A, Table A2

- 1 In Table A2, Section 4, *add* a new row at the end of the table as follows:

4.6	Nominal flow rate‡	Appendix G or R	Each batch or lot
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- 2 *Add* a new footnote as follows:

‡ Compliance may be based on supplier certificates for a WaterMark approved component or product that defines the nominal flow rate.

Appendix B

Delete the referenced document AS 2831 from the list.