

STANDARDS AUSTRALIA

Amendment No. 1

to

AS 4032.2—2005

**Water supply—Valves for the control of hot water supply temperatures
Part 2: Tempering valves and end-of-line temperature-actuated devices**

REVISED TEXT

The 2005 edition of AS 4032.2 is amended as follows; the amendment(s) should be inserted in the appropriate place(s).

SUMMARY: This Amendment applies to Clauses 2.8.1, 2.8.2, 2.8.3, 3.3.2, 3.4, 4.3, 4.8, 5.7, Appendices D and I.

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Clause 2.8.1, second line

Change the word ‘tap’ to ‘valve’.

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Clause 2.8.2

Delete last paragraph.

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Clause 2.8.3

Delete last paragraph.

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Clause 3.3.2

Delete Clause 3.3.2 and *replace* with the following:

When valves and devices are tested in accordance with Appendix D—

- (a) there shall be no leak from the valve or device body; and
- (b) any cross-flow prevention devices fitted to the valve or device shall not leak in excess of 50 mL/min.

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Clause 3.4

Delete existing Clause 3.4 and *replace* with the following:

3.4 END CONNECTORS

End connectors for connection to the piping system shall comply with AS 3688.

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Clause 4.3

Add the following new Item (c):

- (c) Cross-flow prevention devices and strainers shall—
 - (i) be provided by the manufacturer of the valve;
 - (ii) comply with the relevant clauses of this Standard;
 - (iii) be provided separate from or integral with the valve; and
 - (iv) be downstream of any isolation valves where fitted and in the order strainer then cross-flow prevention device.

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Clause 4.8

Delete Item (j) and *replace* with the following:

- (j) Comprehensive instructions for the procedures that are to be carried out in accordance with AS 4032.3, to test and maintain the valve.

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Clause 5.7

Delete existing Item (b) and *replace* with the following:

- (b) Comprehensive instructions for the procedures that are to be carried out in accordance with AS 4032.3, to test and maintain the device.

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Paragraph D4.2, Appendix D

Delete Items (g) and (h).

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Paragraph D4.4 (new), Appendix D

Add new Paragraph D4.4 as follows:

D4.4 Integral cross-flow prevention devices

Integral cross-flow prevention devices, where fitted, shall be tested at ambient temperature as follows:

- (a) Each in-line tempering valves under test shall have a stop valve fitted to the mixed water outlet.
 - (i) Purge air from the test rig pipework and the valve under test.
 - (ii) Fully close either the water flow control or the stop valve fitted to the mixed water outlet
 - (iii) Open one inlet of the valve under test to the atmosphere, slowly increase the pressure to the other inlet to 35 +5, -0 kPa) and maintain for 60 +5, -0 s.
 - (iv) Observe and record any leakage from the open inlet.
- (b) Repeat Step (a) for the other inlet of the valve under test.