

AS 4032.2—2005
(Incorporating Amendment Nos 1 and 2)

AS 4032.2—2005

Australian Standard[®]

**Water supply—Valves for the control of
hot water supply temperatures**

**Part 2: Tempering valves and end-of-
line temperature-actuated devices**



This Australian Standard® was prepared by Committee WS-026, Valves Primarily for Use in Warm and Hot Water Systems. It was approved on behalf of the Council of Standards Australia on 22 August 2005.

This Standard was published on 13 December 2005.

The following are represented on Committee WS-026:

- AUSTAP
 - Australian Industry Group
 - Building Officials Institute of New Zealand
 - Business New Zealand
 - Consumers' Federation of Australia
 - Department of Health (South Australia)
 - Gas Appliance Manufacturers Association of Australia
 - Institute of Hospital Engineering Australia
 - Master Plumbers and Mechanical Services Association of Australia
 - Master Plumbers Association of NSW
 - Master Plumbers, Gasfitters and Drainlayers New Zealand
 - New Zealand Employers and Manufacturers Association
 - NSW Health Department
 - Water Corporation Western Australia
-

This Standard was issued in draft form for comment as DR 05294.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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PREFACE

This Standard was prepared by the members of the Joint Standards Australia/Standards New Zealand Committee WS-026, Valves Primarily for Use in Warm and Hot Water Systems.

This Standard incorporates Amendment No. 1 (October 2006) and Amendment No. 2 (June 2009). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

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 with requirements for tempering valves and end-of-line temperature-actuated devices that give reasonable protection to users against exposure to high or excessive fluctuations in mixed water temperatures caused by the following:

- (a) Maintaining an outlet temperature within specified limits, including shut-off of the cold water supply.
- (b) Closing the outlet when the mixed water temperature exceeds a specified maximum.

This Standard is Part 2 of a suite of Standards that covers valves for the control of hot water temperatures, as follows:

AS

- 4032 Water supply—Valves for the control of hot water supply temperatures
- 4032.1 Part 1: Thermostatic mixing valves—Materials, design and performance requirements
- 4032.2 Part 2: Tempering valves and end-of-line temperature-actuated devices (this Standard)
- 4032.3 Part 3: Requirements for field testing, maintenance or replacement of thermostatic mixing valves, tempering valves and end-of-line temperature control devices

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 necessarily deals with existing conditions, but is not intended to discourage innovation or to exclude materials, equipment and methods that may be developed in the future. Revisions will be made from time to time in view of such developments, and amendments to this Edition will be made only when absolutely necessary.

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