

AS/NZS 2638.1:2011
(Incorporating Amendment No. 1)

AS/NZS 2638.1:2011

Australian/New Zealand Standard™

Gate valves for waterworks purposes

Part 1: Metal seated



AS/NZS 2638.1:2011

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee WS-022, Valves for Water Supply Purposes. It was approved on behalf of the Council of Standards Australia on 22 March 2011 and on behalf of the Council of Standards New Zealand on 13 May 2011. This Standard was published on 27 May 2011.

The following are represented on Committee WS-022:

Australian Chamber of Commerce and Industry
Australian Industry Group
Australian Stainless Steel Development Association
Australian Water Association
Engineers Australia
Institute of Instrumentation, Control and Automation Australia
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Part 1: Metal seated

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PREFACE

This Standard was prepared by the Joint Standards Australia/New Zealand Committee WS-022, Valves for Water Supply Purposes, to supersede AS 2638.1—2002.

This Standard incorporates Amendment No. 1 (August 2017). 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.

A1 | The objective of this Standard is to specify requirements for PN 16 and PN 35 metal-bodied gate valves for waterworks purposes.

This revision includes the following changes:

- (a) Incorporation of integral bypass arrangements for sizes DN 450 to DN 900.
- (b) Alignment with AS 2638.2 terminologies.
- (c) Inclusion of alternative materials.
- (d) A statement that gate valves are not designed for throttling purposes.
- (e) The thread standard has been changed to DIN 103 or ASME B1.5 as B202 has been withdrawn. Trapezoidal threads are recognized as an equivalent to ACME threads.

Statements expressed in mandatory terms in notes to figures are deemed to be requirements of this Standard.

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.

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