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## AS 1357.1-2009 Valves primarily for use in heated water systems - Part 1: Protection valves

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### Abbreviation

AS 1357.1-2009

### Amendment

Amdt 1-2016

### Valid from

28/01/2009

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### Information provider

SAI Global

### Author

Standards Australia

### Information type

Australian Standard

### Format

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### Cited By

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### Description

Sets out requirements for the design, construction, testing and performance of temperature/pressure relief valves, expansion control valves, non-return valves, temperature relief valves and combination high-pressure expansion non-return valves, within the range of DN 15 to DN 50.

### Scope

This Standard sets out requirements for the following types of valves, within the range of DN 15 to DN 50:

- (a) Temperature/pressure-relief valves.
- (b) Expansion-control valves.
- (c) Non-return valves.
- (d) Temperature-relief valves.
- (e) Combination high-pressure expansion non-return valves (HPNR).
- (f) Leak-protection devices.
- The valves specified in this Standard are primarily intended for use in warm and hot water systems that are required to operate at -

- (a) continuous operating temperatures not exceeding 85C;
- (b) temperatures under emergency conditions, not exceeding 99C; and
- (c) continuous working pressure not exceeding 1400 kPa.

NOTE: For valves used with water heaters, which are intended to operate at temperatures above 99C (e.g., hot water boilers), see AS 1271.

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This document is CITED BY:

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AS 1357.1-2009 is cited by Acceptable Solution G12/AS1: Water Supplies from 30/09/2010

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- [AS/NZS 5601.1:2010](#)

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## AS 1357.1-2009 Valves primarily for use in heated water systems - Part 1: Protection valves

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Sets out requirements for the design, construction, testing and performance of temperature/pressure relief valves, expansion

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- [AS/NZS 1567:1997](#)

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- [AS/NZS 3500.0:2003](#)

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##### Australian Standards

- [AS 1349-1986](#)

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- [AS 1432-2004](#)

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- [AS 1565-1996](#)

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- [AS 1722.2-1992](#)

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- [AS ISO 7.1-2008](#)

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#### Other

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