

Australian/New Zealand Standard™

Pressure equipment



AS/NZS 1200:2015

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee ME-001, Pressure Equipment. It was approved on behalf of the Council of Standards Australia on 5 November 2015 and on behalf of the Council of Standards New Zealand on 6 November 2015.

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The following are represented on Committee ME-001:

Australasian Corrosion Association
Australasian Institute of Engineer Surveyors
Australian Aluminium Council
Australian Building Codes Board
Australian Chamber of Commerce and Industry
Australian Industry Group
Australian Institute for the Certification of Inspection Personnel
Australian Institute of Energy
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We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia or Standards New Zealand at the address shown on the back cover.

This Standard was issued in draft form for comment as DR AS/NZS 1200:2014.

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First joint edition AS/NZS 1200:1994.
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME-001, Pressure Equipment, to supersede AS/NZS 1200:2000, *Pressure equipment*.

Changes to the 2000 edition include the following:

- (a) Continued recognition of the trend to self-regulation and the need for clear guidance to industry.
- (b) Updated information for New Zealand regulatory matters, seismic, wind and snow loading.
- (c) An informative Appendix I on the use of equivalents when referring to various internationally available pressure equipment standards.
- (d) Revision to Appendix A where 'LP Gas fuel vessels for automotive use' are now specifically mentioned as being covered by this Standard and where clarifications have been added for some equipment not covered by this Standard (regarding gas cylinders, miniature boilers and pressurized machines).
- (e) Removal of the process for requesting opinions, interpretations or rulings. Readers will now need to make contact with Standards Australia as per information provided inside the front cover of this Standard.
- (f) 'Safety requirements' changed from informative to normative.
- (g) Updated Table 2.1, Standards for pressure equipment used in Australia and New Zealand.
- (h) Detailed comparison between various equipment Standards available globally.
- (i) Replacement of Appendix G, 'Organization of Australian, New Zealand and Other Pressure Equipment Standards' with a new Appendix 'Australian Pressure Equipment Practice'.

This edition retains the role of the Standard as a major reference document and also to provide common requirements for pressure equipment that promote safety and uniformity throughout Australia and New Zealand.

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.

Statements expressed in mandatory terms in notes to tables and figures are requirements of this Standard.

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STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard is a 'parent' document for use by the pressure equipment industry in Australia and New Zealand. It covers the design, materials, manufacture, examination, testing, installation, conformity assessment, commissioning, operation, inspection, maintenance, repair, alteration and disposal of pressure equipment (boilers, pressure vessels and pressure piping), but excluding gas cylinders and other equipment as set out in Appendix A.

This Standard specifies detailed requirements for various pressure equipment by direct reference to a range of Australian, New Zealand and other Standards.

NOTES:

- 1 Appendix F provides a comparison of pressure equipment Standards.
- 2 Appendix G provides guidance on Australian pressure equipment practice.

1.2 OBJECTIVE

The purpose of this Standard is to provide requirements and guidance expressed in specification form, suitable for use in contracts or other documentation, in order to—

- (a) achieve safe, economic and equitable supply and use of this equipment in Australia and New Zealand;
- (b) provide various means to assist in complying with basic requirements (see Clause 2.1); and
- (c) incorporate the experience and knowledge from Australia and New Zealand, and world practice.

1.3 APPLICATION

This Standard applies to the pressure equipment specified in Appendix A.

Equipment with hazard level E to AS 4343 may be covered by one or more of the following methods:

- (a) Standards referenced in this Standard.
- (b) Other applicable Standards.
- (c) Sound engineering practice that achieves a comparable level of safety.

Users of this Standard are reminded that it has no legal authority in its own right, but may acquire legal standing when—

- (i) adopted by a government or other authority having jurisdiction;
- (ii) specified in a contract; or
- (iii) a manufacturer, importer, supplier, purchaser/owner or user states that pressure equipment is in accordance with this Standard or its referenced Standards.