

Australian Standard™

Pressure equipment—Installation



S t a n d a r d s Australia

This Australian Standard was prepared by Committee ME-001, Pressure Equipment. It was approved on behalf of the Council of Standards Australia on 30 December 2000 and published on 27 February 2001.

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Pressure equipment—Installation

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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 3892—1995, *Pressure equipment—Installation*.

This Standard is the result of a consensus among representatives on the Joint Committee to produce it as an Australian Standard.

The first issue of this Standard consolidated, rationalized and extended the requirements and recommendations in AS 1210, *Pressure vessels*, AS 1228, *Pressure equipment—Boilers*, AS 2593, *Boilers—Unattended and limited attendance* and associated Standards. It was part of a major program to restructure, unify and simplify the various Standards for particular types of equipment and components in accordance with AS/NZS 1200, *Pressure equipment*. AS/NZS 1200 covers requirements for land installations of boilers, pressure vessels, pressure piping and associated matters.

The Committee recognized there was a need to specify requirements and give further guidance to installers, purchasers and users on the installation of pressure equipment. Existing Standards on boilers give some (but not consistent) guidance for their safe installation, while pressure vessel Standards provide little information for their installation.

The objective of the Standard is to provide requirements for safe installation of pressure equipment.

The main changes in this revision include the following:

- (a) A new section incorporating the requirements for the installation of pressure piping.
- (b) A new appendix giving guidance on the competency of installers.
- (c) A new appendix on management systems.
- (d) Alignment with Standardization Guide No. 17.1, *Drafting of Standards that may be referenced under occupational health and safety legislation*.

This Standard provides the minimum installation requirements to ensure the initial and continued safe and reliable performance of the pressure plant. In many circumstances, additional requirements may be necessary for adequate performance or safety.

It is envisaged that experience gained in the use of the Standard will highlight areas that need to be strengthened. It is intended that the Standard will be regularly reviewed and revised as necessary to ensure it remains a useful document to all parties concerned and provides safe and reliable pressure plant.

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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