



Pressure equipment—Boilers



This Australian Standard® was prepared by Committee ME-001, Pressure Equipment. It was approved on behalf of the Council of Standards Australia on 18 April 2016. This Standard was published on 18 May 2016.

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 - Australasian Institute of Engineer Surveyors
 - Australian Aluminium Council
 - Australian Chamber of Commerce and Industry
 - Australian Industry Group
 - Australian Institute for the Certification of Inspection Personnel
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 - National Association of Testing Authorities Australia
 - SafeWork NSW
 - Welding Technology Institute of Australia
 - WorkSafe Division, Department of Commerce, WA
 - WorkSafe Victoria
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This Standard was issued in draft form for comment as DR AS 1228:2015.

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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Australian Standard[®]

Pressure equipment—Boilers

Originated as part of AS CB1—1932.
Previous edition AS 1228—2006.
Seventh edition AS 1228:2016.

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Published by SAI Global Limited under licence from Standards Australia Limited, GPO Box 476, Sydney, NSW 2001, Australia

ISBN 978 1 76035 483 1

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME-001, Pressure Equipment, to supersede AS 1228—2006. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian, rather than an Australian/New Zealand Standard.

The objective of this revision is to bring the Standard into line with the developments taking place worldwide.

Table 2.1, Materials, includes references to EN material standards. The design strength values for these materials may be derived from the appropriate EN material properties, in conjunction with the principles as set out in Appendix D of this Standard. A number of British (BS) material standards have been withdrawn in favour of the EN standards; however, reference to the BS standards has been retained in Table 2.1 and Table 2.2.1 at this time, in recognition that material stocks may still be available.

The design strength values in Table 2.2.1 have generally been revised and updated to fall in line with the latest editions of the AS (e.g. AS 1548), BS and ASME material specifications and standards, which were available at the time of this Standard being published. Time-dependent design strength values in the table have been *italicized*, to assist in determining the calculation pressure for components designed in this range.

Users of this Standard are reminded that it has no legal authority in its own right, but may acquire legal standing in one or more of the following circumstances:

- (a) Adoption by a government or other authority having jurisdiction.
- (b) Adoption by a purchaser as the required standard of construction when placing a contract.
- (c) Adoption where a manufacturer states that a boiler is in accordance with 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.

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

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