



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
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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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AS 1228:2016

Australian Standard[®]

Pressure equipment—Boilers

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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 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 A number of British (BS) material standards have been withdrawn in favour of the EN standards; however, reference to the BS standards has been retained in Table 2.1 and Table 2.2.1 at this time, in recognition that material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.

CONTENTS

	<i>Page</i>
SECTION 1 SCOPE AND GENERAL	
1.1 SCOPE.....	5
1.2 REFERENCED DOCUMENTS.....	5
1.3 DEFINITIONS.....	5
1.4 DESIGNATION	12
1.5 VALVES, GAUGES, FITTINGS AND BOILER INSTALLATION	12
1.6 RATING	12
1.7 INFORMATION TO BE SUPPLIED BY THE PURCHASER.....	12
SECTION 2 MATERIALS AND DESIGN STRENGTHS	
2.1 MATERIALS.....	13
2.2 MAXIMUM DESIGN STRENGTH	14
2.3 DESIGN LIFETIME.....	52
SECTION 3 DESIGN	
3.1 DESIGN CRITERIA.....	53
3.2 CYLINDRICAL SHELLS, DRUMS AND HEADERS SUBJECT TO INTERNAL PRESSURE.....	54
3.3 DISHED ENDS SUBJECT TO INTERNAL PRESSURE	77
3.4 RECTANGULAR SECTION HEADERS.....	86
3.5 HEADER ENDS	89
3.6 PRESSURE PARTS OF IRREGULAR SHAPE	94
3.7 TUBES AND INTEGRAL PIPES.....	94
3.8 STRUCTURAL ATTACHMENTS TO TUBES	98
3.9 INSPECTION OPENINGS	102
3.10 STAYS, STIFFENERS AND SUPPORTED SURFACES FOR FIRE-TUBE AND MISCELLANEOUS BOILERS	112
3.11 TUBES AND TUBE PLATE FOR FIRE-TUBE AND MISCELLANEOUS BOILERS.....	146
3.12 FURNACES, REVERSAL CHAMBERS AND FIREBOXES OF CYLINDRICAL FORM SUBJECT TO EXTERNAL PRESSURE.....	150
3.13 BOILER SETTINGS	163
3.14 CONNECTIONS AND BRANCHES	163
3.15 SUPPORTING STRUCTURES	189
SECTION 4 MANUFACTURE AND WORKMANSHIP	
4.1 PRESSURE PARTS	190
4.2 WELDING.....	198
SECTION 5 INSPECTION AND TESTING	
5.1 GENERAL.....	199
5.2 NON-DESTRUCTIVE EXAMINATION	199
5.3 TEST PLATES	199
5.4 HYDROSTATIC TESTS	199
SECTION 6 DOCUMENTATION AND MARKING	
6.1 DRAWINGS, DOCUMENTS, AND DATA SHEETS	201
6.2 CERTIFICATES.....	201
6.3 MARKING	201

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