

Australian/New Zealand Standard™

## Pressure equipment



Standards Australia



STANDARDS  
NEW ZEALAND  
Pūrerehū Aotearoa

## **AS/NZS 1200:2000**

---

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee ME/1, Pressure Equipment. It was approved on behalf of the Council of Standards Australia on 2 April 2000 and on behalf of the Council of Standards New Zealand on 3 April 2000. It was published on 23 June 2000.

---

The following interests are represented on Committee ME/1:

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 of Energy  
Australian Institute of Petroleum  
Boiler and Pressure Vessel Manufacturers Association of Australia  
Bureau of Steel Manufacturers of Australia  
Department of Labour, New Zealand  
Electricity Corporation of New Zealand  
Electricity Supply Association of Australia  
Institute of Materials Engineering Australasia  
Institution of Engineers, Australia  
Institution of Professional Engineers, New Zealand  
National Association of Testing Authorities, Australia  
New Zealand Engineering Federation  
New Zealand Heavy Engineering Research Association  
New Zealand Institute of Welding  
New Zealand Petrochemical Users Group  
Welding Technology Institute of Australia

---

### **Keeping Standards up-to-date**

Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about joint Australian/New Zealand Standards can be found by visiting the Standards Australia web site at [www.standards.com.au](http://www.standards.com.au) or Standards New Zealand web site at [www.standard.co.nz](http://www.standard.co.nz) and looking up the relevant Standard in the on-line catalogue.

Alternatively, both organizations publish an annual printed Catalogue with full details of all current Standards. For more frequent listings or notification of revisions, amendments and withdrawals, Standards Australia and Standards New Zealand offer a number of update options. For information about these services, users should contact their respective national Standards organization.

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 International or Standards New Zealand at the address shown on the back cover.

---

# Australian/New Zealand Standard™

## Pressure equipment

Originated as AS CBI Int p2—1963, AS CBI Int p3—1963 and AS CBI Int p5—1967.  
Previous edition AS/NZS 1200:1994.  
Sixth edition 2000.

### **COPYRIGHT**

© Standards Australia/Standards New Zealand

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher.

Jointly published by Standards Australia International Ltd, PO Box 1055, Strathfield, NSW 2135 and Standards New Zealand, Private Bag 2439, Wellington 6020

ISBN 0 7337 3381 6

## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME/1, Pressure Equipment to supersede [AS/NZS 1200:1994](#), *Pressure equipment*.

The provisions of this edition (2000) of the Standard are not endorsed by any Australian State or Territory Regulatory Authorities. Therefore, this Standard has not achieved consensus from the members of the Joint Committee. However, it is endorsed by the Joint Committee as an 'industry Standard', a decision that does have the consensus of the Joint Committee, including representatives of the Australian Regulatory Bodies.

Consensus means general agreement by all interested parties. Consensus includes an attempt to remove all objections and implies much more than the concept of a simple majority, but not necessarily unanimity. It is consistent with this meaning that a member may be included in the Committee list and yet not be in full agreement with all clauses in this Standard.

Changes to the 1994 edition include the following:

- (a) Recognition of the trend to self-regulation and the need for clear guidance to industry.
- (b) Closer alignment of Australian and New Zealand requirements.
- (c) Increased flexibility in selection of suitable reference Standards in both countries.
- (d) Revision of the methods for handling inquiries.
- (e) Revision of Appendix E, Definitions.
- (f) Incorporation of Appendix J, Safety Recommendations.
- (g) Revision of Table 2.1, Standards for pressure equipment used in Australia and New Zealand.
- (h) Incorporation of Figure G1, Organization of Standards for pressure equipment used in Australia and New Zealand.

These changes aim to improve flexibility and clarity, and are not expected to have significant effect on safety which would warrant retrospective action for equipment complying with the 1994 edition of this Standard.

AS CB1—1932, the original *SAA Boiler Code*, was first issued in 1931 to provide detailed guidance on the practices to be adopted in the design, manufacture and testing of boilers, unfired pressure vessels and associated equipment, and also to assist in obtaining uniform regulatory requirements throughout Australia.

When the first metricated Standards of the *SAA Boiler Code* were published in 1972, the opportunity was taken to prepare and publish this Standard as a central reference Standard for all Standards forming the *SAA Boiler Code*.

In 1985, major changes were made to extend coverage from the concept stage through to final disposal, and to restructure the Code with 'common or core Standards' to unify similar requirements for different pressure equipment, e.g. welding qualification and non-destructive examination.

In New Zealand, similar changes have been made with the requirements of the Marine Department's Boiler Code being generally replaced by the appropriate use of BSI or ASME Standards.

This new edition continues the above development by using this Standard as the major reference document, and also to provide common requirements for pressure equipment which promote safety and uniformity throughout Australia and New Zealand.

The objective of this Standard, in the light of recent regulatory changes, is to—

- (i) clarify overall requirements for pressure equipment used in Australia and New Zealand;
- (ii) identify sound economic means of helping to satisfy safety, contract, trade and other relevant laws;
- (iii) provide a standard system which recognizes local and international good practices, is mutually acceptable to Australia and New Zealand and is compatible with recognized world Standards; and
- (iv) not override regulations or legislation.

Appendix D provides guidance on New Zealand regulatory matters.

It should be noted that [AS 3920.1—1993, Assurance of product quality, Part 1: Pressure equipment manufacture](#), is currently under revision and is superseded, in part, by [AS 4343, Pressure equipment—Hazard levels](#).

Whilst reference to [AS 3920.1](#) is not made in this Standard, reference may be made to it in other pressure equipment Standards until the revision is completed.

Also, in New Zealand, [AS 3920.1](#) will be replaced by the Approved Code of Practice for the Design, Manufacture, Operation, Maintenance and Servicing of Pressure Equipment which will support the Pressure Equipment, Cranes and Passenger Ropeways Regulations.

The Regulatory Authorities of New South Wales (WorkCover New South Wales), Victoria (Victorian WorkCover Authority) and Tasmania (Department of Infrastructure, Energy and Resources), do not endorse the provisions of [AS 3920.1—1993](#).

This Standard is a developing document and as such, will require ongoing amendments and revisions.

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.

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

- 
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
  - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-