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AS/NZS 1200: 1994

Australian/New Zealand Standard

Pressure equipment

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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 10 June 1994 and on behalf of the Council of Standards New Zealand on 10 June 1994. It was published on 18 July 1994.

The following interests are represented on Committee ME/1:

ACT Occupational Health and Safety Office
Aluminium Development Council, Australia
Australian Chamber of Commerce and Industry
Australian Institute of Energy
Australian Institute of Petroleum
Australian Liquefied Petroleum Gas Association
Boiler and Pressure Vessel Manufacturers Association of Australia
Bureau of Steel Manufacturers of Australia
Department of Industrial Affairs, S.A.
Department of Employment, Vocational Education, Training and Industrial Relations, Qld.
Department of Labour, New Zealand
Department of Occupational Health, Safety and Welfare, W.A.
Electricity Corporation of New Zealand
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AS/NZS 1200: 1994

Australian/New Zealand Standard

Pressure equipment

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME/1—Pressure Equipment to supersede AS 1200. Committee ME/1 was revised in 1993 to include participation and full representation from both Australia and New Zealand.

The major change to the 1988 edition is the complete revision and extension to produce this first Australian/New Zealand Standard for pressure equipment.

This Standard has been developed to assist in achieving uniform levels of safety and efficiency in both countries. The combined experience and know-how coupled with latest world practices has aimed at providing a clear, open, equitable and efficient system of requirements and regulatory controls, catering for the changing role of governments, and which is respected and accepted by regulatory authorities and industry. It is designed also to complement recent legislation in both countries.

Other changes to the 1988 edition include the following:

(a) Change of title to reflect modified coverage (including pressure piping).

(b) Addition of Standards covering in-service inspection, operation and maintenance.

(c) Revision of the Foreword to recognize the modified system for various rulings and enquiries—now replaced by Appendix B.

(d) Addition of definitions and updating terms used generally in this Standard and its major referenced Standards—see Appendix E.

(e) Modifications to supplement and align (where possible) with the Australian *National Standard for Plant* and the New Zealand *Health and Safety in Employment (Hazardous Equipment) Regulations.*

(f) Provision of a clear statement of pressure equipment covered—see Appendix A.

(g) Insertion of Appendix G giving data on the development and maintenance of AS/NZS 1200.

(h) Reintroduction of an Appendix giving policy for new materials and materials accepted for use under this Standard—see Appendix C.

(i) Additional guidance on relationship between ME/1 Standards and overseas Standards.

Many of these changes result from the proposed unified requirements of Australian States and Territories and the New Zealand regulations relating to pressure equipment.

AS CB1, the original *SAA Boiler Code*, was first issued in 1931 to provide detailed guidance on the practices to be adopted in the design, construction 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 over the past two decades with the requirements of the Marine Department’s Boiler Code being generally replaced by the appropriate use of BSI or ASME Standards.

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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 basic principles adopted in this Standard are as follows:

(i) It must respond to requirements for reciprocal acceptance of pressure equipment between Australia and New Zealand.

(ii) The prime aim is the same mutually acceptable standards system which is compatible with world practice.

(iii) Its first issue should maximize common requirements, identify remaining differences and ensure equity.

Until requirements are identical and to provide equity, both Australian and New Zealand manufacturers will need to comply with the Australian requirements for equipment supplied for Australia. Similarly, New Zealand requirements will need to be complied with, for equipment supplied for New Zealand.

This Standard is a developing document covering the transition from past requirements to a future ideal. As such, this Standard will require ongoing amendments and revisions.

The term 'normative' has been used in this Standard to define the application of Appendices A, B, C, E, F, G and H. A normative appendix is an integral part of this Standard.

The term 'informative' has been used in this Standard to define the application of Appendix D. An informative appendix is for information and guidance only.

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

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