

AS/NZS 1200:1994
 Pressure equipment
 (In Professional Packages 19A,
 21A, 62A-69A, 99A) 2pp FF

Sets out the Australian and New Zealand requirements to which pressure equipment (boilers, pressure vessels and pressure piping) is to be designed, manufactured, tested, inspected, supplied, installed, commissioned, operated, maintained, repaired, altered and disposed of. Specifies requirements which are common to Australian and New Zealand pressure equipment Standards. Appendices include pressure equipment covered by this Standard, enquiries, materials, a list of Australian and New Zealand regulatory authorities, definitions, the basis of design strength and New Zealand loading requirements.

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**Standards
 Association of
 Australia**



Australian Standard® 1200—1988

BOILERS AND PRESSURE VESSELS

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This Australian Standard was prepared by Committee ME/1, Boilers and Unfired Pressure Vessels. It was approved on behalf of the Council of the Standards Association of Australia on 4 February 1988 and published on 9 May 1988.

The following interests are represented on Committee ME/1:

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Australasian Institute of Metals
Australian Compressed Air Institute
Australian Institute for Non-destructive Testing
Australian Institute of Energy
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Full details of all SAA publications will be found in the Catalogue of SAA Publications; this information is supplemented each month by SAA's journal 'The Australian Standard', which subscribing members receive, and which gives details of new publications, new editions and amendments, and of withdrawn Standards.

Suggestions for improvements to Australian Standards, addressed to the head office of the Association, are welcomed. Notification of any inaccuracy or ambiguity found in an Australian Standard should be made without delay in order that the matter may be investigated and appropriate action taken.

AUSTRALIAN STANDARD

BOILERS AND PRESSURE VESSELS

Known as the
SAA BOILER CODE

AS 1200—1988

For history before 1972 see Preface.
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PREFACE

This edition of this Standard was prepared by the Association's Committee on Boilers and Unfired Pressure Vessels to supersede AS 1200—1981.

Changes to the 1981 edition include the following:

- (a) Revision of the Foreword to align it with the current policy of Committee ME/1 and SAA.
- (b) Addition of the definition for 'Unattended Boiler' and updating of other definitions.
- (c) Updating of Clause 2.2, Applicable Standards.
- (d) Deletion of former Appendix A (Interpretations).
- (e) Insertion of new Appendix A giving the Inspecting Authorities' categories of attendance and supervision of boilers, for information.
- (f) Deletion of Appendix C (Policy for Materials Accepted for Use Under the SAA Boiler Code) as it does not comply in full with the current general policy of the Committee.

A new edition of Doc 1200R (renumbered AS 1200 Supplement 1), *Rulings to the SAA Boiler Code*, retaining only those Rulings which are current, has been prepared in conjunction with this new edition of AS 1200. In accordance with current practice, notice of issue of any subsequent new Rulings will be advised in *The Australian Standard* published monthly by SAA.

AS CB1, the original *SAA Boiler Code*, was initially 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 statutory requirements throughout Australia. It was revised and re-issued several times, and immediately prior to the publication of the first metricated Standards in 1972 it consisted of the following Parts:

- Part I—1962 *Boilers other than water tube boilers and locomotive boilers for railway purposes*
- Part III—1957 *Locomotive boilers for railway purposes*
- Parts I-IV—1952 *Boilers and unfired pressure vessels and their appurtenances*
- Part V—1951 *Welding*

When the first metricated Standards of the *SAA Boiler Code* were published in 1972, the opportunity was taken to prepare and publish AS 1200 as a central reference Standard for all Standards forming the *SAA Boiler Code* and to retain that 'short' title for the reference document.

Except for some obsolete types of boilers, e.g. riveted boilers and locomotive boilers, boilers previously covered in the various Parts of AS CB1 are now covered in the metricated Standards listed in Section 2. When the pressure piping Standards AS CB15 and AS CB18 are replaced by a combined pressure piping Standard (in the course of preparation), the program for metrication of the *SAA Boiler Code* will have been completed.

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FOREWORD

The application of the several Standards that form the SAA Boiler Code may give rise to a need for consideration of unusual and other designs which do not comply in all respects with the requirements of the relevant Standard or which are not adequately covered in any Standard.

Where it is desired to use materials or methods which do not comply with the requirements of, or are not adequately covered by the relevant Standard, designs incorporating such departures should be submitted to the relevant Inspecting Authority for approval. Where necessary, SAA Committee ME/1, Boilers and Unfired Pressure Vessels, may be asked to serve in an advisory capacity in the determination of the suitability of such designs. (See also Clause 1.4.)

It is emphasized that this activity of the committee is limited to technical aspects of the Code and that the committee has no power or jurisdiction to adjudicate upon contractual matters or regulatory matters or the duties of any persons concerned with the subject of the submission.

It is further emphasized that the committee will undertake consideration of only those matters which relate to interpretation of, or proposed changes to, the Standards for which it is responsible. In particular it will not consider or make recommendations indicating approval of proprietary equipment, materials, components or methods.

A method developed by the committee for communicating its findings is the use of Rulings. A Ruling is issued in reply to a specific enquiry from a specific organization and applies only to the set of circumstances referenced in the Ruling. Copies of Rulings are sent to the relevant Inspecting Authorities and may be used by the authorities as the basis for approval of the particular application or for approval of similar submissions from other organizations. Current Rulings are available under the reference AS 1200 Supplement 1.

Where the committee judges the subject to be suitable, a Ruling may be incorporated in an amendment to the relevant Standard, whereupon the Ruling is withdrawn. If the timing is appropriate, the finding of the committee may be issued directly as an amendment.

NOTES:

1. In the past some Rulings have been designated 'Committee Opinions' but this term is no longer used.
2. In the past, the committee has also issued 'Interpretations' which were considered to be equivalent to an amendment. The practice has been discontinued and all Interpretations have now been withdrawn.

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