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Boilers

AUSTRALIAN STANDARD No. CB. 1, PART III—1957

SAA BOILER CODE—PART III

LOCOMOTIVE BOILERS FOR RAILWAY PURPOSES

PUBLISHED BY
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THE FOLLOWING SCIENTIFIC, INDUSTRIAL, AND GOVERNMENTAL organisations and departments were officially represented on the committee entrusted with the preparation of this standard:

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Departments of Mines.
Lloyds Register of Shipping.
Commonwealth Scientific and Industrial Research Organisation.
Australian and New Zealand Railway Conferences.
Departments of Public Works and Local Government.
Department of the Navy.
Department of Supply.
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Australian Welding Institute.
Mechanical Engineers Association, Australasia.
Australian Sugar Refiners.
Queensland Society of Sugar Cane Technologists.
Boiler and Unfired Pressure Vessel Manufacturers and Users.

This Standard, prepared by the Boiler and Unfired Pressure Vessels Sectional Committee, was approved on behalf of the Council of the Standards Association of Australia on 21 December 1955.

To keep abreast of progress in industry, Australian Standards are regularly reviewed. Suggestions for improvements to published standards are welcomed; these should be addressed to the Headquarters of the Association, Sydney.

This specification is intended to include the technical provisions necessary for the supply of the material herein referred to, but does not purport to comprise all the necessary provisions of a contract.

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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard Rules
for
The Design, Construction, Inspection and Operation
of
Boilers and Unfired Pressure Vessels and their Appurtenances

Part III—Locomotive Boilers for Railway Purposes

A.S. No. CB. 1, Part III—1957

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PREFACE

This publication is issued as Part III of A.S. No. CB. 1 and supersedes Part II, Section V, of the 1952 edition of the SAA Boiler Code. Experience in the use of the existing Code has indicated that railway locomotive boilers, because of their regular and comprehensive maintenance, warrant somewhat different treatment to other boilers. The existing rules have been revised to take account of this and the requirements for railway locomotive boilers and are now issued as a separate self-contained Part of A.S. No. CB. 1.

In the preparation of these revised rules the American Society of Mechanical Engineers Code for Boilers for Locomotives was used freely, and grateful acknowledgment is made of the valuable assistance obtained from that Code.

During the revision, the committee considered the inclusion of requirements for welded locomotive boilers, but decided that welding is not yet used sufficiently extensively in railway locomotive boiler construction to warrant such requirements. Certain particular applications of welding are covered by individual rules, and if welding be used for other purposes the relevant requirements of the general part of the code should be observed.

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