

AS 1988—1989

Australian Standard[®]

Welding of steel castings

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The following interests are represented on Committee WD/7:

Australian Welding Research Association
Bureau of Steel Manufacturers of Australia
Confederation of Australian Industry
Department of Industrial Relations and Employment, N.S.W.
Electricity Supply Association of Australia
Institute of Australian Foundrymen (N.S.W. Division)
Metal Trades Industry Association of Australia
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PREFACE

This Standard was prepared by Standards Australia's Committee on Welding of Steel Castings, to supersede AS 1988—1977, *Code of practice for fusion welding in the production, rectification and repair of steel castings*.

The 1977 edition was prepared as a code of practice to set out recommendations for the fusion welding of steel castings. This edition sets out specific requirements for the task.

This Standard is generally based on the 1985 edition of BS 4570, *Specification for fusion welding of steel castings*.

Steel castings may require welding to make them satisfactory for their intended service, and this has long been accepted as part of the normal production process. The procedures in this Standard can be specified to ensure good welding practice during the production, repair, rectification, and fabrication of steel castings. In fabrication, the use of welding has to be taken into account at the design and foundry stages.

Statements expressed in mandatory terms in Notes to Tables are deemed to be requirements of this Standard.

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