

Australian Standard™

**Non-destructive testing—Ultrasonic
testing of ferritic steel castings**

This Australian Standard was prepared by Committee MT/7, Non-destructive Testing of Metals and Materials. It was approved on behalf of the Council of Standards Australia on 16 June 2000 and published on 6 November 2000.

The following interests are represented on Committee MT/7:

Australasian Railway Association
Australian Aerospace Non-Destructive Testing Committee
Australian Industry Group
Australian Institute for Non-Destructive Testing
Australian Nuclear Science & Technology Organization
Australian Pipeline Industry Association
Bureau of Steel Manufacturers of Australia
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Division of Telecommunications and Industrial Physics, CSIRO
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee MT/7, Non-destructive Testing of Metals and Materials, to supersede AS 2574—1982, *Non-destructive testing—Ultrasonic testing of steel castings and classification of quality*.

The objective of this revision is to upgrade the requirements for the A-scan ultrasonic testing of ferritic steel castings that are 15 mm or greater in thickness.

During this revision, cognizance was taken of the following Standards:

ASTM A 609-91 Practice for castings, carbon, low-alloy, and martensitic stainless steel, ultrasonic examination thereof.

BS 6208:1990 Ultrasonic testing of ferritic steel castings including quality levels.

Currently there are no International Standards (ISO) published on the subject.

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

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.

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