

Australian Standard™

Non-destructive testing

Part 1: Guide to radiography for ferrous castings

This Australian Standard was prepared by Committee MT-007, Non-Destructive Testing of Metals and Materials. It was approved on behalf of the Council of Standards Australia on 15 August 2003 and published on 16 September 2003.

The following are represented on Committee MT-007:

Australian Railway Association
Australian Aerospace Non-Destructive Testing Committee
Australian Industry Group
Australian Institute for Non-Destructive Testing
ANSTO
Australian Pipeline Industry Association
Bureau of Steel Manufacturers of Australia
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Part 1: Guide to radiography for ferrous castings

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee MT-007, Non-Destructive Testing of Metals and Materials, at the request of industry. This Standard supersedes, in part, AS 3507—1987, *Non-destructive testing—Radiography of steel castings and classification of quality*.

This Standard was prepared by the Australian members of the joint Standards Australia/Standards New Zealand Committee MT-007. After consultation with shareholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this Standard is to specify methods for film radiography of ferrous castings for the determination of quality.

In preparation of this Standard, cognizance was taken of the BS 4080, *Methods for non-destructive testing of steel castings*.

This Standard is Part 1 of a series of Standards covering the radiography of ferrous castings.

The series comprises the following Parts:

AS

3507 Non-destructive testing

3507.1 Part 1: Guide to radiography for ferrous castings (this Part)

3507.2 Part 2: Radiography determination of quality for ferrous castings

The term ‘informative’ has been used in this Standard to define the application of the appendix to which it applies. An ‘informative’ appendix is only for information and guidance.

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