

Australian Standard™

**Non-destructive testing—Determination  
of thickness**

**Part 3: Use of ultrasonic testing**



This Australian Standard was prepared by Committee MT-007, Non-destructive Testing of Metal and Materials. It was approved on behalf of the Council of Standards Australia on 20 October 2005.  
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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  
Australian Nuclear Science & Technology Organisation  
Australian Pipeline Industry Association  
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AS 2452.3—2005

Australian Standard™

## **Non-destructive testing—Determination of thickness**

### **Part 3: Use of ultrasonic testing**

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## PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia/Standard New Zealand Committee MT-007, Non-destructive Testing of Metals and Materials, at the request of industry. This Standard supersedes AS 2452.3—1985, *Non-destructive testing—Determination of thickness, Part 3: Use of ultrasonic testing*.

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 edition was to delete references to obsolete technology such as analog equipment and to revise the method of determining thickness by the use of correction factors.

This Standard is Part 3 of a series of Standards covering the methods used for determining thickness by means of non-destructive procedures.

The series comprises the following Parts:

AS

2452 Non-destructive testing—Determination of thickness

2452.1 Part 1: Determination of wall thickness of pipe by the use of radiography

2452.3 Part 3: Use of ultrasonic testing

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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