

Australian Standard™

**Amusement rides and devices**

**Part 3: In-service inspection**

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This Australian Standard was prepared by Committee ME-051, Amusement Rides and Devices. It was approved on behalf of the Council of Standards Australia on 18 July 2003 and published on 21 August 2003.

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*This Standard was issued in draft form for comment as DR 02364.*

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**Part 3: In-service inspection**

First published as AS 3533.3—2003.

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Published by Standards Australia International Ltd  
GPO Box 5420, Sydney, NSW 2001, Australia

ISBN 0 7337 5468 6

## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME-051, Amusement Rides and Devices, in response to a request from the Institution of Engineers, Australia. The Institution requested the Standard be prepared to outline what was required during the in-service inspection of an amusement ride or device so a set of competencies could be prepared for persons conducting such inspections and be used in a proposed accreditation scheme for inspection personnel.

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee ME-051. After consultation with stakeholders 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.

It should be noted that compliance with this Standard may not necessarily fulfil all legal obligations.

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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## STANDARDS AUSTRALIA

### Australian Standard Amusement rides and devices

#### Part 3: In-service inspection

#### 1 SCOPE

This Standard specifies the basis for in-service inspection of amusement rides and devices. The activities of all those involved in the operational (day-to-day) inspection and checking of the ride or device, the regular inspections related to preventative maintenance and the periodic inspection of the equipment, along with the documentation thereof, are specified.

This Standard does not apply to the in-service inspection of passenger ropeways. See AS 3533.2 for requirements for passenger ropeways.

#### 2 OBJECTIVE

The objective of this Standard is to establish formats for the systematic in-service inspection of amusement rides and devices for use by interested parties, including ride proprietors, supervisors and inspection personnel, to promote safety of rides and devices.

#### 3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

##### AS

1065	Non-destructive testing—Ultrasonic testing of carbon and low alloy steel forgings
1171	Non-destructive testing—Magnetic particle testing of ferromagnetic products, components and structures
1710	Non-destructive testing—Ultrasonic testing of carbon and low alloy steel plate—Test methods and quality classification
1851	Maintenance of fire protection equipment
1851.1	Part 1: Portable fire extinguishers and fire blankets
2062	Non-destructive testing—Penetrant testing of products and components
2084	Non-destructive testing—Eddy current testing of metal tubes
2177	Non-destructive testing—Radiography of welded butt joints in metal (series)
2267	Non-destructive testing—Ultrasonic testing of fusion welded joints in carbon and low alloy steel
2452	Non-destructive testing—Determination of thickness
2452.1	Part 1: Determination of the wall thickness of pipe by the use of radiography
2452.3	Part 3: Use of ultrasonic testing
2550	Cranes, hoists and winches—Safe use (series)
2824	Non-destructive testing—Ultrasonic methods—Evaluation and quality classification of metal bearing bonds
3507	Non-destructive testing—Radiography of steel castings and classification of quality