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Cranes, hoists and winches—Safe use

Part 5: Mobile cranes



This Australian Standard® was prepared by Committee ME-005, Cranes. It was approved on behalf of the Council of Standards Australia on 31 August 2016.
This Standard was published on 21 October 2016.

The following are represented on Committee ME-005:

- Australian Chamber of Commerce and Industry
- Australian Industry Group
- Australian Institute for Non-Destructive Testing
- Bureau of Steel Manufacturers of Australia
- Concrete Pumping Association of Australia
- Crane Association of New Zealand
- Department of Commerce, WorkSafe Division, WA
- Department of Industry, Skills and Regional Development, NSW
- Department of Justice and Attorney General, Qld
- Electricity Engineers Association (New Zealand)
- Elevating Work Platform Association of Australia
- Engineers Australia
- Institution of Professional Engineers New Zealand
- National Road Transport Association
- SafeWork NSW
- The Crane Industry Council of Australia
- Transport for NSW
- Worksafe New Zealand
- WorkSafe Victoria

Additional Interests:

- 600 Cranes Australasia
- Cargotec Australia
- Cranetech Australia
- Engineering Assessors
- Field Engineers
- Hyva Pacific
- Lampson Australia
- Maxilift Australia
- Metcalf Cranes
- Palfinger Australia
- P R Spry and Associates
- Terex Lifting Australia
- West-Trans Equipment and Services

This Standard was issued in draft form for comment as DR AS 2550.5:2016.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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AS 2550.5:2016

Australian Standard[®]

Cranes, hoists and winches—Safe use

Part 5: Mobile cranes

Originated as part of AS 2550—1982.
Previous edition AS 2550.5—2002.
Second edition AS 2550.5:2016.

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Published by SAI Global Limited under licence from Standards Australia Limited, GPO Box 476, Sydney, NSW 2001, Australia

ISBN 978 1 76035 589 0

PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee ME-005, Cranes, to revise AS 2550.5—2002, *Cranes, hoists and winches—Safe use*, Part 5: *Mobile cranes*. 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.

The objective of this Standard is to ensure AS 1418.5 design requirements align with the *Work Health and Safety Act 2011* and the practices and safe use of mobile cranes.

Significant changes in this edition include the expansion of the requirements and guidance for maintenance, inspection and repair, and inclusion of guidance on dual hoist lifting.

This Standard is part of a series that provides uniform requirements and guidance for the safe use of cranes, including building maintenance units, hoists and winches.

Standards Australia uses the term ‘shall’ to indicate requirements that have to be met to be in compliance with the Standard in question. Compliance with this Australian Standard is not required by legislation in any Australian jurisdiction, unless the Standard has been specifically incorporated by an Act of regulation in the jurisdiction.

The Commonwealth, state and territory governments may choose to incorporate this Australian Standard into their work health and safety regulations. The exact manner of incorporation will determine whether the whole document is incorporated or whether specific sections or provisions of this Standard are incorporated. The manner of incorporation will determine which of the Standard’s requirements (‘shall’ statements) have been made a legal requirement in a jurisdiction. As a general principle, where an Australian Standard is incorporated by a regulation, the legal status of the Standard’s requirements and recommendations is made clear by the incorporation provisions of the regulation.

Jurisdictions may also choose to incorporate this Australian Standard (either in whole or in part) in an approved code of practice made under WHS law. The purpose of the approved code of practice is to provide practical guidance to persons on how to comply with their obligations under the enabling WHS Act, or regulations made under the Act.

Readers will need to refer to their jurisdiction’s approved codes of practice to determine which parts of this Australian Standard (if any) have been incorporated into codes of practice and the manner of incorporation.

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.

Published Standards in the series are as follows:

AS

2550	Cranes, hoists and winches—Safe use
2550.1	Part 1: General requirements
2550.3	Part 3: Bridge, gantry, portal (including container cranes) and jib cranes
2550.4	Part 4: Tower cranes
2550.5	Part 5: Mobile cranes (this Standard)
2550.6	Part 6: Guided storing and retrieving appliances
2550.7	Part 7: Builders’ hoists and associated equipment
2550.10	Part 10: Mobile elevating work platforms
2550.11	Part 11: Vehicle-loading cranes
2550.13	Part 13: Building maintenance units
2550.15	Part 15: Concrete placing equipment

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2550.16 Part 16: Mast climbing work platforms

2550.19 Part 19: Telescopic handlers

2550.20 Part 20: Self-erecting tower cranes

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2550.9 Part 9: Vehicle hoists

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