

Australian Standard™

**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 18 January 2002 and published on 24 June 2002.

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The following are represented on Committee ME-005:

Association of Consulting Engineers Australia  
Australian Elevator Association  
Australian Industry Group  
Australian Institute for Non-destructive Testing  
Bureau of Steel Manufacturers of Australia  
Construction and Mining Equipment Association of Australia  
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Australian Standard™

**Cranes, hoists and winches—Safe use**

**Part 5: Mobile cranes**

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## PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee ME-005, Cranes, to supersede, in part, AS 2550.5—1993, *Cranes—Safe use, Part 5: Mobile and vehicle loading 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 AS 2550 series of Standards is intended to provide 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 those requirements that have to be met to be in compliance with the objectives and intent of 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 occupational health and safety law. 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 OH&S 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 OH&S 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.

Published Standards in the series are:

### 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
2550.6	Part 6: Guided storing and retrieving appliances
2550.7	Part 7: Builders’ hoists and associated equipment
2550.10	Part 10: Elevating work platforms
2550.13	Part 13: Building maintenance units
2550.15	Part 15: Concrete placing equipment
2550.16	Part 16: Mast climbing work platforms

### AS/NZS

2550.9	Part 9: Vehicle hoists
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It is intended to publish the following part:

Special purpose appliances

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## STANDARDS AUSTRALIA

### Australian Standard Cranes, hoists and winches—Safe use

#### Part 5: Mobile cranes

## SECTION 1 SCOPE AND GENERAL

### 1.1 SCOPE

This Standard specifies requirements for the safe use of mobile cranes as defined in AS 2549.

It is complementary to AS 2550.1, but requirements given herein take precedence over the corresponding requirements in AS 2550.1.

It does not cover the specific requirements for the safe use of mobile cranes for work on or near live electrical equipment by power companies or their contractors while working for the power companies as referenced in Clause 6.3.

NOTE: The basic terminology and functions of typical mobile cranes are given in Appendix A.

### 1.2 APPLICATION

This Standard shall apply to the safe use of mobile cranes of the type specified in AS 1418.5. The requirements of AS 1418.5 shall apply and no requirements given herein shall circumvent the requirements of AS 1418.5.

### 1.3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

#### AS

- |        |   |
|--------|---|
| 1318   | Use of colour for the marking of physical hazards and the identification of certain equipment in industry |
| 1418   | Cranes, hoists and winches  |
| 1418.1 | Part 1: General requirements  |
| 1418.5 | Part 5: Mobile cranes   |
| 2549   | Cranes—Glossary of terms  |
| 2550   | Cranes—Safe use   |
| 2550.1 | Part 1: General requirements  |

#### AS/NZS

- |      |  |
|------|--|
| 3000 | Electrical installations (known and the Australian/New Zealand Wiring Rules) |
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### 1.4 DEFINITIONS

For the purpose of this Standard, the definitions given in AS 1418.5, AS 2549, AS 2550.1 and those below apply.

#### 1.4.1 Competent person

A person who has acquired through training, qualification, experience or a combination of these, the knowledge and skill enabling that person to correctly perform the required task.