

Australian Standard[®]

Cranes—Safe use

Part 13: Building maintenance units

This Australian Standard was prepared by Committee ME/5, Cranes. It was approved on behalf of the Council of Standards Australia on 14 March 1997 and published on 5 June 1997.

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Association of Consulting Engineers, Australia
Australian Chamber of Manufactures
Australian Institute of Building
Bureau of Steel Manufacturers of Australia
Construction and Mining Equipment Association of Australia
Crane Industry Council of Australia
Department of Defence (Commonwealth)
Department of Training and Industrial Relations, Qld
Department of Industrial Affairs, S.A.
Institution of Engineers, Australia
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Part 13: Building maintenance units

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME/5 on Cranes to cover specific requirements for the safe use of building maintenance units. It is intended for use in conjunction with AS 2550—1993, *Cranes—Safe use Part 1: General requirements*.

It is the result of a consensus among representatives on the Joint Committee to produce it as an Australian 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.

The documents have no legal authority in their own right but may be—

- (a) adopted in legislation;
- (b) called up in legislation as Codes of Practice;
- (c) referenced as a contract requirement; and
- (d) recognized as ‘available information’ or as the ‘State of Knowledge’ of the industry.

Current legislation is adopting the principles of assessing hazard identification and formal risk assessment to ensure risk control and elimination. These principles of the philosophy should form the basis of all modern work practices or procedures.

This process cannot be successfully applied unless—

- (i) all of the relevant criteria are available; and
- (ii) the identification and assessment is based on all the information and experience necessary to arrive at the correct conclusion.

The work practices adopted should carry no more than an acceptable degree of risk or incorporate a sufficient factor of safety. Acceptable risk factors should reflect the community’s values and expectations. The object of this series of Standards is to provide the necessary information and guidance to allow the correct decisions to be made.

It is unlikely that any one person or organization will be in possession of all of the necessary information and experience to always arrive at the correct decision without having recourse to a reference such as this series of Standards.

Emphasis has been placed on those requirements considered imperative by using ‘shall’, fully recognizing that the requirements may not be mandatory if called up as a code of practice. It is also recognized that there may be other ways of achieving risk elimination or control.

Published Standards in the series are:

AS

2550	Cranes— Safe use
2550.1	Part 1: General requirements
2550.4	Part 4: Tower cranes
2550.5	Part 5: Mobile and vehicle-loading cranes
2550.6	Part 6: Guided storing and retrieving appliances
2550.7	Part 7: Builders’ hoists and associated equipment
2550.9	Part 9: Vehicle hoists
2550.10	Part 10: Elevating work platforms
2550.13	Part 13: Building maintenance units (this Standard)
2550.15	Part 15: Concrete placing equipment

It is intended to publish the following parts:

- (A) Special purpose appliances
- (B) Mast climbing work platforms.

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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STANDARDS AUSTRALIA

Australian Standard
Cranes—Safe use

Part 13: Building maintenance units

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE This Standard specifies the recommendations for the safe use of building maintenance units and equipment.

It is complementary to AS 2550.1, but the requirements specified herein take precedence.

1.2 APPLICATION This Standard only applies to the safe use of building maintenance units as specified in AS 1418.13. The requirements in this Standard apply and no requirements given herein shall circumvent them.

1.3 REFERENCED DOCUMENTS The following documents are referred to in this Standard:

AS

- 1418 Cranes (including hoists and winches)
- 1418.1 Part 1: General requirements
- 1418.13 Part 13: Building maintenance units
- 2549 Cranes (including hoists and winches)—Glossary of terms
- 2550 Cranes—Safe use
- 2550.1 Part 1: General requirements
- 3998 Non-destructive testing—Qualifications and certification of personnel—General engineering

AS/NZS

- 1891 Industrial fall-arrest systems and devices
- 1891.1 Part 1: Safety belts and harnesses

1.4 DEFINITIONS For the purpose of this Standard, the definitions given in AS 2549, AS 1418.13, AS 2550.1 and that below apply.

1.4.1 Management's instructions—should include the manufacturer's latest instructions, recommendations and specifications. Where any of these instructions, recommendations and specifications are not available from the manufacturer or are deemed inappropriate, they shall be drawn up by a competent person.