

Australian Standard[®]

Cranes—Safe use

Part 10: Elevating work platforms

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Australian Chamber of Manufactures
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Bureau of Steel Manufacturers of Australia
Construction and Mining Equipment Association of Australia
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee on Cranes to cover specific requirements for the safe use of elevating work platforms. It is intended for use in conjunction with AS 2550.1—1993, *Cranes—Safe use, Part 1: General requirements*.

This Part 10 of *Cranes—Safe use*, specifies the requirements which apply to elevating work platforms. Additional requirements are to be covered by subsequent parts.

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

2550.10 Part 10: Elevating work platforms (*this Standard*)

2550.15 Part 15: Concrete placing equipment

It is intended to publish the following parts:

- (a) Guided storing and retrieving appliances.
- (b) Builders' hoists and equipment.
- (c) Special purpose appliances.
- (d) Vehicle hoists.
- (e) Building maintenance units.
- (f) Mast work platforms.

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

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STANDARDS AUSTRALIA

Australian Standard

Cranes—Safe use

Part 10: Elevating work platforms

1 SCOPE This Standard specifies the requirements for the safe use of elevating work platforms. It is complementary to AS 2550.1, but the requirements given herein shall take precedence over the corresponding requirements of AS 2550.1.

It does not cover the specific requirements for the use of elevating work platforms for work on or near live electrical equipment by authorized electricity supply authority persons or their contractors while working for the electricity supply authority as referenced in Clause 9.3. All other requirements given herein shall apply.

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

AS

1418 Cranes (including hoists and winches)

1418.1 Part 1: General requirements

1418.10 Part 10: Elevating work platforms

1891 Industrial safety belts and harnesses

2549 Cranes—Glossary of terms

2550 Cranes—Safe use

2550.1 Part 1: General requirements

3504 Fire blankets

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

3.1 Elevating work platforms—a telescoping device, scissor device, or articulated device, or any combination thereof used to position personnel, equipment and materials at work locations above or below the base support surface.

4 PLANNING The planning for the use of elevating work platforms shall be in accordance with AS 2550.1.

5 SELECTION The general matters to be considered before selecting an elevating work platform for a specific operation shall be as given in AS 2550.1. In addition the following shall be considered:

- (a) Working height and reach.
- (b) Mass and bulk of materials, equipment and tools to be elevated.
- (c) Required size and rated capacity of the platform.
- (d) Wind loading.
- (e) Wheel and outrigger or stabilizer loadings imparted to the support surface.