

Australian Standard<sup>®</sup>

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**Cranes (including hoists and  
winches)**

**Part 13: Building maintenance units**

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This Australian Standard was prepared by Committee ME/5, Cranes. It was approved on behalf of the Council of Standards Australia on 9 January 1996 and published on 5 April 1996.

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The following interests are represented on Committee ME/5:

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Australian Institute of Building  
Bureau of Steel Manufacturers of Australia  
Construction and Mining Equipment Association of Australia  
Crane Industry Council of Australia  
Department of Industrial Affairs, S.A.  
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## PREFACE

This Standard was prepared by the Standards Australia/Standards New Zealand Committee ME/5 on Cranes to cover specific requirements for building maintenance units. It is a result of a consensus among representatives on the Joint Committee to produce it as an Australian Standard. It is intended to be used in conjunction with AS 1418.1, *Cranes (including hoists and winches)*, Part 1: *General requirements*.

This Standard gives guidance to manufacturers, statutory authorities and users in the form of minimum engineering requirements which are necessary for the design, manufacture, installation and commissioning of building maintenance units. In special instances, additional requirements may be necessary for adequate performance or safety.

It should be noted that NOHSC:1010, the National Standard for Plant, issued by the National Occupational Health and Safety Commission to Parliamentary Counsel in the Commonwealth, and various States and Territories jurisdictions for guidance on drafting legislative requirements for the design, manufacture and supply of plant, and the use of plant in the workplace, draws a distinction between the terms 'building maintenance equipment' in general, and 'building maintenance units' in particular. It uses the expression building maintenance unit in a narrower sense than is used in this Standard.

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 (including hoists and winches)**

**Part 13: Building maintenance units**

SECTION 1 SCOPE AND GENERAL

**1.1 SCOPE** This Standard specifies requirements for building maintenance units and supporting structures, permanently provided for use and which incorporate power-operated suspension equipment. It does not include requirements for suspended scaffolding.

It is complementary to AS 1418.1, but the requirements specified herein shall take precedence over the corresponding requirements given in that Standard.

NOTE: Guidance on the safe use of building maintenance units is provided in AS 2550.1.

The provisions of this Standard shall apply to building maintenance units Types A, B and C (refer to Clause 1.5), unless stated otherwise.

**1.2 INNOVATION** It is not intended that this Standard impose unnecessary restrictions on the use of new or unusual materials or methods, providing that all of the performance requirements of this Standard are maintained.

**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
- 1418.2 Part 2: Serial hoists and winches
- 1576 Scaffolding
- 1576.4 Part 4: Suspended scaffolding
- 1657 Fixed Platforms, Walkways, Stairways, and Ladders—Design, construction and installation
- 1768 Lightning protection
- 1939 Degrees of protection provided by enclosures for electrical equipment (IP Code)
- 1979 Electric cables—Lifts—Flexible travelling
- 2549 Cranes—Glossary of terms
- 2550 Cranes—Safe use
- 2550.1 Part 1: General requirements
- 3000 Electrical installations—Buildings, structures and premises (known as the SAA Wiring Rules)
- 3100 Approval and test specification—General requirements for electrical equipment
- 3133 Approval and test specification—Air break switches

AS/NZS

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