

AS 2550.7:2024



Cranes — Safe use

Part 7: Builders' hoists and associated equipment



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- Australian Chamber of Commerce and Industry
- Australian Industry Group
- Australian Institute for Non-Destructive Testing
- Better Regulation Division (Fair Trading, SafeWork NSW, TestSafe)
- Bureau of Steel Manufacturers of Australia
- Department of Primary Industries and Regional Development
- Elevating Work Platform Association of Australia
- Engineers Australia
- National Heavy Vehicle Regulator
- Office of Industrial Relations (QLD)
- The Crane Industry Council of Australia
- Transport for NSW
- Victorian WorkCover Authority (WorkSafe Victoria)
- WorkSafe Division — Department of Energy, Mines, Industry Regulation and Safety (DEMIRS) WA

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Part 7: Builders' hoists and associated equipment

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Preface

This Standard was prepared by the Australian members of the Joint Standards Australia/New Zealand Committee ME-005, Cranes, to supersede AS 2550.7:1996.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this document as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this document is to provide requirements for the safe use of builders' hoists and associated equipment.

This document is intended for use in conjunction with AS 2550.1, *Cranes, hoists and winches—Safe use, Part 1: General requirements*.

A list of all parts in the AS 2550 series can be found in the Standards Australia online catalogue.

The major changes in this edition are as follows:

- (a) Terms and definitions have been updated.
- (b) Hoist guarding requirements have been deleted and moved to AS 1418.7.
- (c) Twin car erection requirements have been added to [Section 5](#).
- (d) Busbar requirements have been added to [Section 5](#).
- (e) Under hoist access requirements have been added to [Section 5](#).
- (f) [Section 6](#) has been updated to provide in service requirements for all hoists.
- (g) [Section 7](#) has been updated to provide additional in service requirements for specific hoist types.
- (h) Viewing of hoist operation has been added to [Section 7](#).
- (i) All maintenance, inspection and repair requirements have been amalgamated in [Section 9](#).
- (j) Major inspection requirements have been updated to cover hoist componentry.
- (k) Safety gear re-certification has been added to [Section 9](#).
- (l) All sample inspection and test certificates have been updated in [Appendix A](#).
- (m) [Appendices B](#) and [C](#) have been added.

The terms “normative” and “informative” are used in Standards to define the application of the appendices to which they apply. A “normative” appendix is an integral part of a Standard, whereas an “informative” appendix is only for information and guidance.

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Australian Standard®

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Part 7: Builders' hoists and associated equipment

1 Scope and general

1.1 Scope

This document specifies requirements for the safe use of builders' hoists and associated equipment as specified in AS 1418.7. It covers both materials-only hoists and personnel and materials hoists. [Clauses 7.1](#) and [7.2](#) specify the scope of its application to materials-only hoists and personnel and materials hoists, respectively.

It is intended for use in conjunction with AS 2550.1, but the requirements specified herein take precedence over the requirements in AS 2550.1.

1.2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document.

AS 1418.1, *Cranes, hoists and winches, Part 1: General requirements*

AS 1418.7, *Cranes, hoists and winches, Part 7: Builders' hoists and associated equipment*

AS 2549, *Cranes, hoists and winches — Glossary of terms*

AS 2550.1, *Cranes, hoists and winches—Safe use, Part 1: General requirements*

AS/NZS 3000, *Electrical installations (known as the Australian/New Zealand Wiring Rules)*

1.3 Terms and definitions

For the purposes of this document, the definitions given in AS 2549 and AS 1418.7 and the following apply.

1.3.1

associated equipment

equipment used within the hoist assembly and associated with the hoist assembly

1.3.2

builders' hoist

temporary lifting machine serving landing levels on construction sites or other sites

Note 1 to entry: A builders' hoist comprises a platform, car or other load carrying device, which is guided throughout its range of travel.

1.3.3

competent person

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

Note 1 to entry: For the purposes of this document, a competent person may be a qualified electrician.

1.3.4

hoist

builders' hoists and associated equipment

Note 1 to entry: See also *builders' hoist* ([1.3.2](#)).