

AS 1418.7:2024



Cranes, hoists and winches

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
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- The Crane Industry Council of Australia
- Transport for NSW
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Part 7: Builders' hoists and associated equipment

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Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee ME-005, Cranes, to supersede AS 1418.7:1999, *Cranes (including hoists and winches), Part 7: Builders' hoists and associated equipment*.

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 set out requirements for temporary hoists for use in the building industry.

The major changes in this edition are as follows:

- (a) Terms and definitions have been updated.
- (b) Rack and pinion inverter controlled hoist requirements have been added to [Section 2](#).
- (c) Multiple drive unit requirements have been added to [Section 2](#).
- (d) Multiple safety device requirements have been added to [Section 2](#).
- (e) Overload detection requirements have been updated in [Section 2](#).
- (f) Safety gear requirements have been updated in [Section 2](#).
- (g) [Section 3](#), outlining on site installation design requirements, has been added.
- (h) Wind design requirements have been added to [Sections 2](#) and [3](#).
- (i) Cable trolley design requirements have been added in [Section 3](#).
- (j) Busbar design requirements have been added in [Section 3](#).
- (k) Hoist guarding requirements, including those in AS 2550.7, have been amalgamated to [Section 3](#).
- (l) Requirements for hoist pits have been changed from referring to AS 1735.2 to [Section 3](#).
- (m) Requirements for floor landing gates for materials hoists have been updated in [Section 4](#).
- (n) Hoist control requirements have been updated in [Sections 4](#) and [5](#).
- (o) Hoist communication requirements have been updated in [Section 5](#).
- (p) Appendices A, B and C, containing information to be supplied with tender, a list of typical hazards and requirements for wrought aluminium alloy ferrules, have been deleted.
- (q) The new [Appendix A](#), containing vertical pipe system information, has been added.

The terms “normative” and “informative” have been used in this document to define the application of the appendix 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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