

AS 2550.9:2024



STANDARDS
Australia

Cranes — Safe use

Part 9: Vehicle hoists

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Bureau of Steel Manufacturers of Australia
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The Crane Industry Council of Australia
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Cranes — Safe use

Part 9: Vehicle hoists

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Preface

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee ME-005, Cranes, to supersede AS/NZS 2550.9:1996.

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 specify requirements for the safe use of vehicle hoists.

The particular requirements of this document supplement the general requirements specified in AS 1418.9.

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) The reference to AS 2550.1 has been removed.
- (b) There is more emphasis on ongoing inspections.
- (c) The requirements for competent tasks have been improved.

The terms “normative” and “informative” are used in Standards (and other publications) 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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1 Scope and general

1.1 Scope

This document specifies requirements for the safe use of vehicle hoists, including planning, selection, installation, operation and maintenance.

Considerations for car stackers, parking machines, ramps, tow vehicles and their attachments are not included in this document.

NOTE 1 Typical types of vehicle hoists are given in AS 1418.9.

NOTE 2 Typical types of accessories and attachments are shown in [Appendix A](#).

1.2 Normative references

The full or parts of the following documents are as prescribed in this document.

NOTE Documents referenced for informative purposes are listed in the Bibliography.

AS 1418.9, *Cranes, hoists and winches, Part 9: Vehicle hoists*

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

1.3 Terms and definitions

For the purpose of this document, the definitions given in AS 2549, AS 1418.9 and those below apply.

1.3.1

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 perform the task required

1.3.2

competent person — assessing structures

one of the following:

- (a) A person registered in a relevant area of practice on the National Professional Engineers Register.
- (b) Where applicable, a Member of a Scheme established under Professional Standards Legislation in the relevant jurisdiction.
- (c) A Chartered Professional Engineer (CPEng).
- (d) Other person providing satisfactory evidence to a responsible authority that they have the qualifications and experience to be competent to independently perform the required tasks.

1.3.3

competent person — periodic inspections

tradesperson in the field of fitter/mechanic who —

- (a) has acquired the knowledge of the inspection requirements for the model of the hoist being inspected enabling that person to undertake the inspection as required;