AS 2550.11—2004
(Incorporating Amendment No. 1)

AS 2550.11—2004

Australian Standard®

Cranes, hoists and winches—Safe use

Part 11: Vehicle-loading cranes

STANDARDS
Australia

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- Australian Chamber of Commerce and Industry
- Australian Elevator Association
- Australian Industry Group
- Australian Institute for Non-destructive Testing
- Bureau of Steel Manufacturing of Australia
- Construction and Mining Equipment Association of Australia
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- Victorian WorkCover Authority
- WorkCover New South Wales
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Part 11: Vehicle-loading cranes

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

This Standard incorporates Amendment No. 1 (January 2008). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

The objective of this Standard is to set out requirements for the use of vehicle-loading cranes for reference by legislators and vehicle loading crane users.

Standards Australia uses the term 'shall' to indicate those requirements that have to be met for compliance with the objectives and intent of the Standard in question. The requirements of this Australian Standard are not required by law in any Australian jurisdiction, unless the Australian Standard has been specifically incorporated by an Act of regulation in the jurisdiction.

The Commonwealth, State and Territory governments may choose to incorporate this Australian Standard into their occupational health and safety Regulations. The exact manner of incorporation will determine whether the whole document is incorporated or whether specific sections or provisions of the Australian Standard are incorporated. The manner of incorporation will determine which of the Standard's requirements ('shall' statements) have been made a legal requirement in a jurisdiction. As a general principle, where an Australian Standard is incorporated by a regulation, the legal status of the Standard's requirements and recommendations is made clear by the incorporation provisions of the regulation. Thus, the requirements ('shall' statements) in an Australian Standard are not mandatory for legal purposes unless incorporated specifically by an Act or regulation. Readers will need to refer to their jurisdiction's law to determine which parts of the Australian Standard (if any) have been incorporated and the manner of incorporation.

Jurisdictions may also choose to incorporate this Australian Standard (either in whole or in part) in an Approved Code of Practice made under OH&S law. The purpose of an Approved Code of Practice is to provide practical guidance to persons on how to comply with their obligations under the enabling OH&S Act or regulations made under the Act.

Readers will need to refer to their jurisdiction's Approved Codes of Practice to determine which parts of this Australian Standard (if any) have been incorporated into Codes of Practice and the manner of incorporation.

Published Standards in the series are the following:

AS

2550	Cranes, hoists and winches—Safe use	
2550.1	Part 1:	General requirements
2550.3	Part 3:	Bridge, gantry, portal (including container cranes, jib and monorail cranes
2550.4	Part 4:	Tower cranes
2550.5	Part 5:	Mobile cranes
2550.6	Part 6:	Guided storing and retrieving appliances
2550.7	Part 7:	Builders' hoists and associated equipment
2550.9	Part 9:	Vehicle hoists
2550.10	Part 10:	Elevating work platforms
2550.13	Part 13:	Building maintenance units
2550.15	Part 15:	Concrete placing equipment
2550.16	Part 16:	Mast climbing work platforms

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STANDARDS AUSTRALIA

Australian Standard
Cranes, hoists and winches—Safe use

Part 11: Vehicle-loading cranes

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for the safe use of vehicle-loading cranes as defined in AS 2549. It is complementary to AS 2550.1, but requirements given herein take precedence over the corresponding requirements in AS 2550.1.

This Standard does not cover the specific requirements for the safe use of vehicle-loading cranes for work on or near live electrical equipment by power companies or their contractors while working for the power companies as referenced in Clause 5.4.

NOTE: The basic terminology and functions of typical vehicle-loading cranes are given in Appendix A.

1.2 APPLICATION

This Standard applies to the safe use of vehicle-loading cranes of the type specified in AS 1418.11. The requirements of AS 1418.11 shall apply and no requirements given herein shall circumvent the requirements of AS 1418.11.

Where the crane structure is to be used for pick and carry duties, the design shall be in accordance with AS 1418.5 and usage shall be in accordance with AS 2550.5.

Where the crane structure is mounted on a fixed structure or other structure, the design shall be in accordance with the applicable part of AS 1418 and usage shall be in accordance with the applicable part of AS 2550.

1.3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

1418 Cranes, hoists and winches
1418.1 Part 1: General requirements
1418.5 Part 5: Mobile cranes
1418.11 Part 11: Vehicle-loading cranes

2549 Cranes (including hoists and winches)—Glossary of terms

2550 Cranes hoists and winches—Safe use
2550.1 Part 1: General requirements
2550.5 Part 5: Mobile cranes

3990 Mechanical equipment—Steelwork

4100 Steel structures

4360 Risk management