

AS/NZS 1576.4:2013

Reconfirmed 2024

AS/NZS 1576.4:2013

Australian/New Zealand Standard™

**Scaffolding**

**Part 4: Suspended scaffolding**



## **AS/NZS 1576.4:2013**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee BD-036, Scaffolding. It was approved on behalf of the Council of Standards Australia on 24 June 2013 and on behalf of the Council of Standards New Zealand on 23 April 2013.

This Standard was published on 4 September 2013.

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The following are represented on Committee BD-036:

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Construction Safety Managers and Officers Association  
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We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia or Standards New Zealand at the address shown on the back cover.

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*This Standard was issued in draft form for comment as DR AS/NZS 1576.4.*

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## STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

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### **RECONFIRMATION OF AS/NZS 1576.4:2013 Scaffolding Part 4: Suspended scaffolding**

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Technical Committee BD-036 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

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Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 28 April 2023.

Approved for reconfirmation in New Zealand on behalf of the New Zealand Standards Approval Board on 18 April 2024.

The following are represented on Technical Committee BD-036:

Australian Aluminium Council Ltd  
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Better Regulation Division (Fair Trading, SafeWork NSW, TestSafe)  
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Housing Industry Association  
Master Builders Australia  
Scaffolding, Rigging & Industrial Rope Access Industries Training  
Victorian WorkCover Authority (WorkSafe Victoria)  
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# Australian/New Zealand Standard™

## Scaffolding

### Part 4: Suspended scaffolding

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## PREFACE

This Standard was prepared by the Standards Australia Committee BD-036, Scaffolding, to supersede AS 1576.4—1991.

The objective of this Standard is to provide manufacturers and suppliers of suspended scaffolds and accessories with requirements for the proper operation of suspended scaffolds. Unlike independent scaffolds, suspended scaffolds have various rated capacities rather than being light, medium, heavy and special duty. Modular cradles may have different rated capacities, depending on the length of cradle.

The objective of this revision is to provide designers, manufacturers and suppliers of suspended scaffolds and accessories, up-to-date information and application on the equipment used currently in the suspended scaffold industry.

This edition incorporates the following major changes to the 1991 edition:

- (a) Rope factor of safety (as in AS 1418.2) has been reduced from 10 to 8 to align with European Standards. (All scaffold hoists are now imported and it is appropriate that the values used by the hoist designers be followed.)
- (b) Inclusion of a test to confirm the strength of a cradle assembly as an alternative to design by analysis (Appendix G).
- (c) Inclusion of mandatory secondary rope at each suspension point.
- (d) The following informative elements have been added and in some instances provide similar information to AS/NZS 4576, *Guidelines for scaffolding*:
  - (i) Examples of different configurations of suspended scaffolding (Appendix A).
  - (ii) Safety procedures for unattended cradles (Appendix B).
  - (iii) Operational guidance (Appendix C).
  - (iv) Advice on inspection and maintenance (Appendix D).
  - (v) Relevant matters to be checked before installation and use (Appendix E).
  - (vi) Flow chart outlining the different phases of the design, supply and use of suspended scaffolds (Appendix F).
  - (v) Cradle strength test (Appendix G).

The terms ‘normative’ and ‘informative’ have been used in this Standard 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.

*This Standard incorporates a Commentary on some Clauses. The Commentary directly follows the relevant clause, is designated by ‘C’ preceding the clause number and is printed in italics in a panel. The Commentary is intended to help readers understand the background to the clause but does not form part of the clause.*

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