



Scaffolding

Part 3: Prefabricated and tube-and-coupler scaffolding

STANDARDS
Australia



This Australian Standard® was prepared by Committee BD-036, Scaffolding. It was approved on behalf of the Council of Standards Australia on 10 November 2014.
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 - Australian Chamber of Commerce and Industry
 - Australian Council of Trade Unions
 - Australian Industry Group
 - Australian Rope Access Association
 - Business New Zealand
 - Department of Justice (Tas.)
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 - New Zealand Contractors Federation
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 - Scaffolding, Rigging and Industrial Rope Access Industries Training
 - WorkCover New South Wales
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Australian Standard®

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PREFACE

A1 | This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee BD-036, Scaffolding, to supersede AS 1576.3:1995.

Amendment No. 1 to this Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee BD-036, Scaffolding. As a consequence of Amendment No. 1, which is published as an Australian-only amendment, this Standard will be redesignated from AS/NZS 1576.3 to AS 1576.3.

This Standard incorporates Amendment No. 1 (October 2017). 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 incorporate changes that reflect the current practice used in the testing of, and include new requirements for, prefabricated and tube-and-coupler scaffolds.

This Standard incorporates the following major changes from the 1995 edition:

- (a) The referenced Standards have been updated.
- (b) Section 2 has been deleted as the content now appears in AS/NZS 1576.1.
- (c) The formulae in Paragraphs A4, Appendix A, and F4, Appendix B, have been changed significantly and Figures A1, Appendix A, and B1, Appendix B, have been changed accordingly, and a new Figure B2, Appendix F, inserted.
- (d) A new test for prefabricated stair units has been included (Appendix G).
- (e) The test for prefabricated platforms has now been removed and included in AS/NZS 1577, *Scaffold decking components* Standard.
- (f) The duty loading and stability requirements for minor scaffolds are referenced in this Standard.
- (g) A new Appendix J, which summarizes all the test loads and outcomes for scaffold components and systems, has been included.

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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STANDARDS AUSTRALIA

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies product information and test and performance requirements for prefabricated and tube-and-coupler scaffolding.

This Standard does not apply to the following:

- (a) The performance of prefabricated platforms.
- (b) Materials and components for scaffolding.

NOTE: Requirements for prefabricated platforms, as specified in AS/NZS 1577, and material and components for scaffolding are specified in AS/NZS 1576.1.

1.2 APPLICATION

This Standard shall be read in conjunction with AS/NZS 1576.1.

1.3 NORMATIVE REFERENCES

The following are the normative documents referenced to in this Standard:

AS/NZS	
1576	Scaffolding
1576.1	Part 1: General requirements
1576.2	Part 2: Couplers and accessories
1577	Scaffold decking components
1892	Portable ladders
1892.1	Part 1: Metal

1.4 NEW MATERIALS AND METHODS

This Standard does not preclude the use of new techniques or new materials other than those specified in this Standard, equivalent European or other equivalent Standard, provided that such techniques or materials can be proved, by appropriate performance testing, to be equal or better than those specified herein.

1.5 DEFINITIONS

For the purpose of this Standard, the definitions given in AS/NZS 1576.1 and those below apply.

1.5.1 Adjustable castor

A castor, incorporating a height-adjusting device, that fits inside the vertical member of a scaffold.