



Scaffolding

Part 6: Metal tube-and-coupler scaffolding — Deemed to conform to AS/NZS 1576.1



AS 1576.6:2020

This Australian Standard® was prepared by BD-036, Scaffolding. It was approved on behalf of the Council of Standards Australia on 24 February 2020.

This Standard was published on 6 March 2020.

The following are represented on Committee BD-036:

- Australian Aluminium Council
- Australian Chamber of Commerce and Industry
- Australian Council of Trade Unions
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- Australian Steel Institute
- Engineered Wood Products Association of Australasia
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This Standard was issued in draft form for comment as DR AS 1576.6:2019.

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ISBN 978 1 76072 766 6



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First published as AS 1576—1974.
Revised and redesignated in part as AS 1576.3 Supplement 1—1991.
Jointly revised and redesignated as AS/NZS 1576.6:2000.
AS/NZS 1576.6:2000 revised and redesignated AS 1576.6:2020.

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Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee BD-036, Scaffolding, to supersede AS/NZS 1576.6—2000, *Scaffolding, Part 6: Metal tube-and-coupler scaffolding—Deemed to comply with AS/NZS 1576.3*.

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.

The objective of this Standard is to provide tabulated geometrical limits and guidance which, when applied to tube and coupler installations, would ensure conformance to requirements of AS/NZS 1576.1.

This edition includes the following technical changes from the previous edition:

- (a) The height of scaffolding that is covered, as specified by the Scope, has been reduced from 33 m to 30 m top working platform height.
- (b) The requirements for both facade and birdcage scaffolds have been revised.

This Standard includes a commentary on some of the clauses. The commentary directly follows the relevant clause, table or figure, is designated by "C" preceding the clause number and is printed in italics in a box. The commentary is for information and guidance and does not form part of the Standard.

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Section 1 Scope and general

1.1 Scope and exclusions

1.1.1 Scope

This Standard specifies requirements for unsheeted metal tube-and-coupler scaffolding that does not exceed 30 m in height to top working platforms deemed to conform to the performance requirements of AS/NZS 1576.1 for light, medium and heavy duty loads.

1.1.2 Exclusions

This Standard does not apply to —

- (a) prefabricated (modular) scaffolds (see AS 1576.3);
- (b) scaffolding installations that require specific engineering design to establish the strength of any part of the scaffold or the adequacy of the supporting structure; and

NOTE Examples of scaffolding installations that require a specific engineering design are access openings, cantilever scaffolds, catch platforms (fans), drilled-in anchors, trusses and tube-and-coupler scaffolds that support any form of screening (e.g. chain-wire mesh, fabricated-mesh panels, plastic sheeting, plywood, shade cloth).

- (c) scaffold components used as temporary edge protection (see AS/NZS 4994.1) where they do not form part of the scaffold.

1.2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document.

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

AS 1892.1, *Portable ladders, Part 1: Performance and geometric requirements*

AS/NZS 1163, *Cold-formed structural steel hollow sections*

AS/NZS 1576.1, *Scaffolding, Part 1: General requirements*

AS/NZS 1576.2, *Scaffolding, Part 2: Couplers and accessories*

AS 1576.3, *Scaffolding, Part 3: Prefabricated and tube and coupler scaffolding*

AS/NZS 1577, *Scaffold decking components*

AS/NZS 2269, *Plywood—Structural*

1.3 Definitions

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