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AS/NZS 1576.1:2010

Australian/New Zealand Standard™

Scaffolding

Part 1: General requirements

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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 2 October 2009 and on behalf of the Council of Standards New Zealand on 5 March 2010.
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The following are represented on Committee BD-036:

ACT WorkCover
Australian Aluminium Council
Australian Chamber of Commerce and Industry
Australian Council of Trade Unions
Australian Industry Group
Construction Safety Managers and Officers Association
Department of Industries and Business NT
Department of Infrastructure, Energy and Resources (Tasmania)
Department of Labour New Zealand
Engineers Australia
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Scaffolding

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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 1576.1:1995.

The scaffolding series of Standards comprises the following:

AS
1576 Scaffolding
1576.4 Part 4: Suspended scaffolding

AS/NZS
1576 Scaffolding
1576.1 Part 1: General requirements (this Standard)
1576.2 Part 2: Couplers and accessories
1576.3 Part 3: Prefabricated and tube-and-coupler scaffolding
1576.5 Part 5: Prefabricated splitheads and trestles
1576.6 Part 6: Metal tube-and-coupler scaffolding—Deemed to comply with AS/NZS 1576.3

The objective of this Standard is to provide users, manufacturers and designers of scaffolding systems with acceptable unified rules for the design and detailing of scaffolding systems using the principles of engineering design as detailed in this Standard.

This edition incorporates all advances made in the scaffolding industry so as to bring all users and designers up to date with the current scaffold systems used in the workplace.

Scaffolding required to also act as roof edge protection is now linked to AS/NZS 4994.1, Loadings.

This edition incorporates the following major changes to the 1995 edition:

(a) An expanded list of defined terms, including additional definitions qualifying the term ‘bay’.

(b) An expanded listing of the types of scaffold.

(c) Inclusion of limit state design principles.

(d) Expanded design requirements for stair access systems.

(e) The addition of commentary on some clauses to clarify the intent of those clauses.

(f) A redefinition of ‘special duty’ category.

(g) Reference to revised AS/NZS 1170 (all parts).

(h) Revised edge protection requirements.

(i) Guidance in the form of flow charts for the design of components and design check of erected scaffold in Appendices B and C respectively.

(j) The inclusion of void scaffolds.

(k) A new category—minor scaffolds.

(l) Requirements for materials and components from AS/NZS 1576.3 are included and expanded upon.

(m) Requirements for marking and product information are included.

(n) Changes to bay dimensions relating to duty ratings.

(o) Trestle ladders are also covered by the Scope.

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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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