

Australian/New Zealand Standard™

Scaffolding

Part 1: General requirements

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AS/NZS 1576.1:2019

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- Australian Chamber of Commerce and Industry
- Australian Council of Trade Unions
- Australian Industry Group
- Australian Steel Institute
- Business New Zealand
- Engineered Wood Products Association of Australasia
- Engineers Australia
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- National Scaffolding Association of Australia
- SafeWork NSW
- Scaffolding, Access and Rigging New Zealand
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Part 1: General requirements

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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 1576.1:2010.

The scaffolding series of Standards comprises the following:

AS/NZS 1576.1, *Scaffolding, Part 1: General requirements* (this Standard)

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

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

AS/NZS 1576.4, *Scaffolding, Part 4: Suspended scaffolding*

AS/NZS 1576.5, *Scaffolding, Part 5: Prefabricated splitheads and trestles*

AS/NZS 1576.6, *Scaffolding, 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 unified rules for the design and detailing of scaffolding systems using principles of engineering design as detailed in this Standard.

Scaffolding required to also act as roof edge protection is now linked to AS/NZS 4994.1, *Temporary edge protection, Part 1: General requirements* and AS/NZS 4994.2, *Temporary edge protection, Part 2: Roof edge protection—Installation and dismantling*.

The major changes in this edition are as follows:

- (a) New definitions added for various types of anchors post-installed into concrete and masonry, erection platforms and special work zones.
- (b) System combinations substantially revised.
- (c) Duty actions expanded to include actions for special work zones, partial area loads for loading platforms and the duty load for a closed platform. Duty rating for a ladder hatch within a working platform has been specified.
- (d) Prefabricated platform units are now required to conform to the performance requirements of AS/NZS 1577.
- (e) Connection stiffness deleted.
- (f) Drilled-in anchors now referred to as concrete anchors. Concrete anchors substantially revised.
- (g) Bay and platform dimensions generally revised.
- (h) Stairways and landings revised to clarify the requirement for toeboards and kickplates.
- (i) Climbing of end frames now allowed with specified limitations.
- (j) Additional requirements added for minor scaffolds.
- (k) Surface finish of cast iron and steel components substantially revised.
- (l) [Appendix E](#) (informative) added, listing assumptions for the design and installation of anchors.

The terms “normative” and “informative” are used in Standards 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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