

DUP

Amendment 1 - November 1992

Superseded by AS/NZS 1576.1:1995

AS 1576.1—1991

Australian Standard®

Scaffolding

Part 1: General Requirements

STANDARDS AUSTRALIA



2 JUN 1991

This Australian Standard was prepared by Committee BD/36, Scaffolding. It was approved on behalf of the Council of Standards Australia on 20 August 1991 and published on 7 October 1991.

The following interests are represented on Committee BD/36:

A.C.T. Administration, Office of City Management
Aluminium Development Council
Australian Federation of Construction Contractors
Confederation of Australian Industry
Department of Industrial Affairs, Qld
Department of Labour and Industry, Tas.
Department of Labour, S.A.
Department of Labour, Vic.
Department of Occupational Health Safety and Welfare, W.A.
Master Builders Construction and Housing Association, Australia
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STANDARDS AUSTRALIA

Amendment No. 1
to
AS 1576.1—1991
Scaffolding
Part 1: General requirements



CORRECTION

The 1991 edition of AS 1576.1 is amended as follows; the amendment to be inserted in the appropriate place.

SUMMARY: This Amendment applies to Clauses 1.2, 3.5.5 and 3.6.4.

Published on 16 November 1992.

Page 4 Clause 1.2

Delete the following Referenced Documents:

- 1418 SAA Crane Code
 - 1418.2 Part 2: Serial hoist and winches
-

Page 10 Clause 3.5.5

Item (c), line 2, *delete* the requirement '255 mm' and *substitute* '225 mm'.

Page 11 Clause 3.6.4

Item (i), *delete* the word 'platforms' and *substitute* 'landings'.

Australian Standard®

Scaffolding

Part 1: General requirements

First published as part of AS 1576—1974.
Revised and redesignated in part as AS 1576.1—1991.

PREFACE

This Standard was prepared by the Standards Australia Committee on Scaffolding. It is one of a series of four Standards which collectively supersede and amalgamate AS 1575—1974, *Tubes, couplers and accessories used in metal scaffolding* and AS 1576—1974, *SAA Metal Scaffolding Code*, both of which will be withdrawn on June 30, 1992.

This series of Standards is as follows:

AS	
1576	<i>Scaffolding</i>
1576.1	Part 1: <i>General requirements</i>
1576.2	Part 2: <i>Couplers and accessories</i>
1576.3	Part 3: <i>Prefabricated and tube-and-coupler scaffolding</i>
1576.3 Suppl	Supplement 1: <i>Metal tube-and-coupler scaffolding—Deemed to comply</i>
1576.4	Part 4: <i>Suspended scaffolding</i>

This series incorporates the following major changes from the previous documents:

- The Standard is in parts. Part 1 covers design and operational requirements for scaffolding. Specific requirements for particular types of scaffolding are covered by subsequent parts. For a particular type of scaffold, this part applies together with the part relevant to the scaffold type.
Part 2 is a revision (in part) of AS 1575—1974, *Tubes, couplers and accessories used in metal scaffolding*. The section in AS 1575—1974 on scaffolding tube is incorporated in Part 3 of this edition.
Part 3 gives the performance requirements for both prefabricated scaffolds and tube-and-coupler scaffolds which were not covered in the previous edition.
- The metal tube-and-coupler scaffolding covered by AS 1576—1974 is now incorporated in Supplement 1 of Part 3 of this edition.
- Part 4 covers suspended scaffolding which was not covered in the previous Standard.
- Only steel scaffold tube of 48.3 mm outside diameter, 4 mm wall thickness and aluminium tube of 48.4 mm outside diameter, 4.47 mm wall thickness is given in Supplement 1 of Part 3 for spacing of members.
- Where appropriate, the provisions of AS 1657, *Fixed platforms, walkways, stairs, and ladders—Design, construction, and installation*, have been called up.
- The minimum width of a heavy duty working platform has been increased.

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STANDARDS AUSTRALIA

Australian Standard
Scaffolding

Part 1: General requirements

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE This Standard sets design and operational requirements for scaffolding except trestle scaffolding, portable ladders intended to be used as working platforms, and elevating working platforms.

1.2 REFERENCED DOCUMENTS The documents below are referred to in this Standard:

AS

1170 SAA Loading Code

1170.1 Part 1: Dead and live loads and load combinations

1170.2 Part 2: Wind loads

1170.3 Part 3: Snow loads

~~1418 SAA Crane Code~~ SEE AMENDMENT 1

~~1418.2 Part 2: Serial hoists and winches~~

1504 Fibre rope—three-strand, hawser laid

1538 Cold-formed Steel Structures Code

1554 SAA Structural Welding Code

1576 Scaffolding

1576.2 Part 2: Couplers and accessories

1576.3 Part 3: Prefabricated and tube and coupler scaffolding

1576.4 Part 4: Suspended scaffolding

1577 Solid timber scaffold planks

1578 Laminated timber scaffold planks

1657 SAA Code for Fixed Platforms, Walkways, Stairways, and Ladders

1664 SAA Aluminium Structures Code

1665 SAA Aluminium Welding Code

1688 Portable timber ladders

1720 SAA Timber Structures Code

1720.1 Part 1: Design methods

1752 Fibre rope—Eight-strand plaited

1892 Portable ladders

1892.1 Part 1: Metal

2121 SAA Earthquake Code

2321 Short-link chain for lifting purposes

3569 Steel wire ropes

4100 Steel structures

1.3 DEFINITIONS For the purpose of this Standard, the definitions below apply.

1.3.1 Access platform—a platform which is used or intended to be used only to provide for access of a person, or persons and materials to or from places of work.

1.3.2 Baseplate—a plate to distribute the load from a load-bearing member to the supporting structure.

1.3.3 Bay—the space enclosed by four adjacent standards, or the equivalent space in a single pole scaffold.

1.3.4 Brace—a member fixed diagonally to two or more members of the scaffold to provide rigidity to the scaffold.

1.3.5 Castor—a swivelling wheel attached to the lower end of a standard for the purpose of supporting and moving a scaffold.

1.3.6 Catch platform—a platform attached to a scaffold to contain falling debris.

NOTE: A cantilevered catch platform is also called a fan.