

Australian Standard®

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**Scaffolding**

**Part 3: Prefabricated and  
tube-and-coupler scaffolding**

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**STANDARDS AUSTRALIA**



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.

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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.  
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This Standard was issued in draft form for comment as DR 90078.

AS 1576.3/Amdt 1/1992-11-16

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**Amendment No. 1**

to

**AS 1576.3—1991**

**Scaffolding**

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**CORRECTION**

The 1991 edition of AS 1576.3 is amended as follows; the amendments should be inserted in the appropriate place.

*SUMMARY:* This Amendment applies to Paragraphs A4 and B4, and Figures A1 and B1.

Published on 16 November 1992.



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First published as part of AS 1575—1974.  
AS 1576 first published 1974.  
AS 1575—1974 and AS 1576—1974 revised, amalgamated  
and redesignated in part as AS 1576.3—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couplers and accessories used in metal scaffolding* and AS 1576—1974, *SAA Metal Scaffolding Code* which will be withdrawn on June 30, 1992.

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## STANDARDS AUSTRALIA

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**SECTION 1 SCOPE AND GENERAL**

**1.1 SCOPE** This Standard specifies performance requirements for prefabricated and tube-and-coupler scaffolding.

This Standard is to be read in conjunction with AS 1576.1.

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

AS

1163	Structural steel hollow sections
1444	Wrought alloy steels—Standard and hardenability (H) series
1576	Scaffolding
1576.1	Part 1: General requirements
1576.2	Part 2: Couplers and accessories
1594	Hot-rolled steel flat products
1650	Hot-dipped galvanized coatings on ferrous articles
1664	SAA Aluminium Structures Code
1734	Aluminium and aluminium alloys—Flat sheet, coiled sheet and plate
1831	Iron castings—Spheroidal or nodular graphite cast iron
1832	Iron castings—Malleable cast iron
1833	Iron castings—Austenitic cast iron
1866	Aluminium and aluminium alloys—Extruded rod, bar, solid and hollow shapes
1874	Aluminium and aluminium alloys—Ingots and castings
2074	Steel castings
2269	Structural plywood
2848	Aluminium and aluminium alloys—Compositions and designations
2848.1	Part 1: Wrought products
3678	Hot-rolled structural steel plates, floorplates and slabs
3679	Hot-rolled structural steel bars and sections

**1.3 NEW MATERIALS AND METHODS** This Standard does not preclude the use of techniques or materials other than those specified in this Standard, provided that such new techniques or materials can be proved by appropriate performance testing, to be equal or better than those described herein.

**1.4 DEFINITIONS** For the purpose of this Standard, the definitions given in AS 1576.1 and those below apply.

**1.4.1 Adjustable castor**—a castor incorporating a height adjusting device that fits inside the vertical member of a scaffold.

**1.4.2 Adjustable leg**—a threaded bar or tube with nut, designed to fit inside a standard to support the load from a standard, and which can be used for levelling purposes.

**1.4.3 Counterweight**—a weight or series of weights used to counterbalance the tower against overturning.

**1.4.4 Diagonal brace**—a member in a scaffold placed diagonally in the vertical plane and attached to the vertical or horizontal members to stiffen the scaffold in that plane.

**1.4.5 Frame scaffold**—a scaffold assembled from prefabricated frames, braces and accessories (see Figure 1.2).

**1.4.6 Freestanding tower**—a tower which is not attached to any other structure and is stable against overturning on its own account or if necessary assisted by stabilizers, outriggers, counterweights or backup towers (see Figure 1.1).