

AS 1576.4—1991

Australian Standard[®]

Scaffolding

Part 4: Suspended scaffolding

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Confederation of Australian Industry
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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couplers and accessories used in metal scaffolding* and AS 1576–1974, *SAA Metal Scaffolding Code* which will be withdrawn on 30 June 1992.

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STANDARDS AUSTRALIA

Australian Standard
Scaffolding

Part 4: Suspended scaffolding

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE This Standard sets out requirements for the materials, and design, of suspended scaffolding including the supporting structure.

This Standard does not cover building maintenance units.

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

- 1170 SAA Loading Code
- 1170.1 Part 1: Dead and live loads and load combinations
- 1170.2 Part 2: Wind loads
- 1418 SAA Crane Code
- 1418.1 Part 1: General requirements
- 1418.2 Part 2: Serial hoists and winches
- 1444 Wrought alloy steels — Standard and hardenability (H) series
- 1538 SAA Cold-formed Steel Structures Code
- 1554 SAA Structural Steel Welding Code
- 1576 Scaffolding
- 1576.1 Part 1: General requirements
- 1576.2 Part 2: Couplers and accessories
- 1576.3 Part 3: Prefabricated and tube-and-coupler scaffolding
- 1577 Solid timber scaffold planks
- 1578 Laminated timber scaffold planks
- 1594 Hot-rolled steel flat products
- 1664 SAA Aluminium Structures Code
- 1665 SAA Aluminium Welding Code
- 1720 Timber structures
- 1720.1 Part 1: Design methods
- 1734 Aluminium and aluminium alloys — Flat sheet, coiled sheet and plate
- 1866 Aluminium and aluminium alloys — Extruded rod, bar, solid and hollow shapes
- 1867 Aluminium and aluminium alloys — Drawn tubes
- 1874 Aluminium and aluminium alloys — Ingots and castings
- 2269 Structural plywood
- 2317 Collared eyebolts
- 3190 Approval and test specification — Residual current devices (current operated earth leakage devices)
- 3569 Steel wire ropes
- 3678 Hot-rolled structural steel plates, floorplates and slabs
- 3679 Hot-rolled structural steel bars and sections
- 4100 SAA Steel Structures Code

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

1.3.1 Articulated cradle — a cradle of several sections hinged together enabling workers to walk from one section to another (see Figure 1.2).

1.3.2 Bay length — the distance between any two longitudinally adjacent support points on a cradle measured horizontally.

1.3.3 Boatswain's chair — a special purpose cradle comprising a seat.

1.3.4 Counterweight — a weight or series of weights used to counterbalance the forces on the suspension rig against overturning.