AS 1576.5:2021

Australian STANDARD®

STANDARDS Australia

Scaffolding

Part 5: Prefabricated trestle and trestle ladder scaffolds

AS 1576.5:2021

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Australian Aluminium Council
Australian Chamber of Commerce and Industry
Australian Council of Trade Unions (ACTU)
Australian Industry Group
Australian Steel Institute
Better Regulation Division (NSW)
Engineered Wood Products Association of Australasia
Engineers Australia
Hire and Rental Industry Association of Australia
Housing Industry Association
Master Builders Australia
Victorian WorkCover Authority (WorkSafe Victoria)
Workplace Health and Safety Queensland

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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 1576.5:1995, *Scaffolding, Part 5: Prefabricated splitheads and trestles*.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this Standard is to provide requirements for the design and operational performance of trestle scaffolds and trestle ladder scaffolds.

This edition includes the following technical changes from the previous edition:

(a) Splitheads have been removed.

(b) Design, operational and testing requirements for trestle ladder scaffolds have been included.

(c) Special duty rating and associated minimum width of working platform for trestle scaffolds has been deleted.

(d) Additional test procedures have been included in normative appendices.

The terms “normative” and “informative” are used in Standards to define the application of the appendices to which they apply. A “normative” appendix is an integral part of a Standard, whereas an “informative” appendix is only for information and guidance.

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Section 1 Scope and general

1.1 Scope

This Standard specifies requirements for scaffolds that are assembled from prefabricated trestles or trestle ladders.

NOTE Design and testing of trestle ladders is covered by AS 1892.1 and such requirements are outside the scope of this Standard.

1.2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes a requirement of this this document:

AS/NZS 1576.1, *Scaffolding, Part 1: General requirements*

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

AS/NZS 1577, *Scaffold decking components*

AS 1892.1, *Portable ladders, Part 1: Performance and geometric requirements*

1.3 Definitions

For the purpose of this Standard the definitions given in AS/NZS 1576.1 and those below apply.

1.3.1
bottom rail
lowest rail in guardrailing

1.3.2
clamping device
device which interconnects scaffold planks at intervals along their length to limit differential deflection between adjacent scaffold planks

1.3.3
counterweight
weight or series of weights used to counterbalance the forces on the trestle ladder scaffold against overturning

1.3.4
frame trestle
self-supporting stand other than a trestle ladder incorporating one or more beams and designed to support a working platform

Note 1 to entry: Frame trestles provide a platform height that may be fixed or varied.

Note 2 to entry: Base arrangements for frame trestles may be of a fixed configuration, or may be folded or swivelled to aid storage, handling and transit.

Note 3 to entry: For a typical frame trestle, see Figure 1.1(a).