

AS/NZS 1576.4:2013

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Australian/New Zealand Standard™

Scaffolding

Part 4: Suspended scaffolding



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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee BD-036, Scaffolding. It was approved on behalf of the Council of Standards Australia on 24 June 2013 and on behalf of the Council of Standards New Zealand on 23 April 2013.

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PREFACE

This Standard was prepared by the Standards Australia Committee BD-036, Scaffolding, to supersede AS 1576.4—1991.

The objective of this Standard is to provide manufacturers and suppliers of suspended scaffolds and accessories with requirements for the proper operation of suspended scaffolds. Unlike independent scaffolds, suspended scaffolds have various rated capacities rather than being light, medium, heavy and special duty. Modular cradles may have different rated capacities, depending on the length of cradle.

The objective of this revision is to provide designers, manufacturers and suppliers of suspended scaffolds and accessories, up-to-date information and application on the equipment used currently in the suspended scaffold industry.

This edition incorporates the following major changes to the 1991 edition:

- (a) Rope factor of safety (as in AS 1418.2) has been reduced from 10 to 8 to align with European Standards. (All scaffold hoists are now imported and it is appropriate that the values used by the hoist designers be followed.)
- (b) Inclusion of a test to confirm the strength of a cradle assembly as an alternative to design by analysis (Appendix G).
- (c) Inclusion of mandatory secondary rope at each suspension point.
- (d) The following informative elements have been added and in some instances provide similar information to AS/NZS 4576, *Guidelines for scaffolding*:
 - (i) Examples of different configurations of suspended scaffolding (Appendix A).
 - (ii) Safety procedures for unattended cradles (Appendix B).
 - (iii) Operational guidance (Appendix C).
 - (iv) Advice on inspection and maintenance (Appendix D).
 - (v) Relevant matters to be checked before installation and use (Appendix E).
 - (vi) Flow chart outlining the different phases of the design, supply and use of suspended scaffolds (Appendix F).
 - (v) Cradle strength test (Appendix G).

The terms ‘normative’ and ‘informative’ have been used in this Standard 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.

CONTENTS

	<i>Page</i>
SECTION 1 SCOPE AND GENERAL	
1.1 SCOPE.....	5
1.2 APPLICATION	5
1.3 NORMATIVE REFERENCES	5
1.4 DEFINITIONS.....	6
1.5 ALTERNATIVE DESIGN METHODS AND MATERIALS	10
1.6 DESCRIPTION OF SUSPENDED SCAFFOLDING	13
1.7 INSTALLATION INFORMATION	14
1.8 SUPPLIER'S INFORMATION	14
SECTION 2 MATERIALS AND COMPONENTS	
2.1 SCOPE OF SECTION	15
2.2 STEEL	15
2.3 ALUMINIUM.....	15
2.4 SCAFFOLD TUBES AND COUPLERS	15
2.5 SUSPENSION AND SECONDARY ROPES	15
2.6 SCAFFOLDING HOISTS	15
2.7 COUNTERWEIGHTS	15
2.8 STRUCTURAL PLYWOOD	15
2.9 TROLLEYS.....	16
SECTION 3 SYSTEM DESIGN	
3.1 SCOPE OF SECTION	17
3.2 VERTICAL SPEED.....	17
3.3 CRADLE	17
3.4 ROPE.....	20
3.5 NEEDLE.....	23
3.6 SUSPENSION RIG.....	23
3.7 SUPPORTING STRUCTURE	26
3.8 LOAD-LIMITING DEVICE.....	26
3.9 PULLEYS.....	26
3.10 PROTECTIVE DEVICE.....	27
3.11 RATED LOAD OF CRADLE.....	27
3.12 DECK LOAD CAPACITY	28
3.13 BOATSWAIN'S CHAIR AND WORK CAGE	28
3.14 FORCES EXERTED BY USERS	28
SECTION 4 INSTALLATION DESIGN AND STABILITY	
4.1 GENERAL.....	29
4.2 GROUPING OF LIVE LOADS	29
4.3 INSTALLATION DESIGN REQUIREMENTS	29
4.4 ROPE.....	30
4.5 SUSPENSION AND SECONDARY ROPES	30
4.6 SUSPENSION RIG.....	30
4.7 SUSPENSION RIG COMPONENTS	31
4.8 CRADLE WORKING ON AN INCLINE	32
4.9 STABILITY OF CRADLE WITH CANTILEVER END	32
4.10 WIND LOADS	33

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