

Australian/New Zealand Standard®

Industrial rope access systems

Part 1: Specifications

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee SF/15, Industrial Safety Belts and Harnesses. It was approved on behalf of the Council of Standards Australia on 4 July 1997 and on behalf of the Council of Standards New Zealand on 7 July 1997. It was published on 5 October 1997.

The following interests are represented on Committee SF/15:

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Australian Chamber of Commerce and Industry
Australian Chamber of Manufactures
Australian Lightweight Vertical Rescue Instructors
Bureau of Steel Manufacturers of Australia
Communications, Electrical, Plumbing Union
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1 The Crescent,
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Level 10, Radio New Zealand House,
155 The Terrace,
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee SF/15 on Industrial Safety Belts and Harnesses. It is Part 1 of a two-part series, the series comprising:

AS/NZS

- 4488 Industrial rope access systems
- 4488.1 Part 1: Specifications
- 4488.2 Part 2: Selection, use and maintenance

The following Standards were consulted in the course of preparation of this Standard:

EN

- 341 Descender devices
- 567 Mountaineering equipment, rope clamp, safety requirements and test method

prEN

- 813 Sit harnesses and associated equipment

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

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CONTENTS

	<i>Page</i>
1 SCOPE	4
2 OBJECTIVE	4
3 REFERENCED DOCUMENTS	4
4 DEFINITIONS	5
5 SELECTION, USE AND MAINTENANCE	5
6 EQUIPMENT DESCRIPTION AND PERFORMANCE REQUIREMENTS	5
7 INSTRUCTIONS FOR USE	8
8 MARKING	8
APPENDICES	
A STATIC LOAD TEST FOR ROPE GRABS AND DESCENDERS	10
B DYNAMIC LOAD AND PERFORMANCE TEST FOR BACK-UP TYPE ROPE GRABS AND DESCENDERS	12

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Australian/New Zealand Standard**Industrial rope access systems****Part 1: Specifications**

1 SCOPE This Standard specifies requirements for materials and hardware for industrial rope access systems including fall protection.

2 OBJECTIVE The objective of this Standard is to provide the industrial rope access industry and regulatory authorities with a set of performance standards against which the safety and adequacy of hardware used in industrial rope access systems can be assessed.

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

AS

1353	Flat synthetic webbing slings
1353.1	Part 1: Product specification
1380	Fibre-rope slings (of natural or synthetic rope)
1666	Wire-rope slings
2193	Method of calibration and grading of force-measuring systems of testing machines
4142	Fibre ropes
4142.3	Man-made fibre ropes for static life rescue lines

NZS

5227	Specification for flat lifting slings
5227.2	Part 2: Flat woven webbing lifting slings made of man-made fibre for general service.

AS/NZS

1891	Industrial fall arrest systems and devices
1891.1	Part 1: Safety belts and harnesses
4488	Industrial rope access systems
4488.2	Part 2: Selection, use and maintenance

EN

892	Mountaineering equipment, dynamic mountaineering ropes, safety requirements and test methods
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NFPA

1983	Fire service life safety rope and system components
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SAE

J211/1 Mar 95	Instrumentation for impact tests—Part 1—Electronic instrumentation
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prEN

1891	Personal protective equipment for prevention of falls from a height—Low stretch kernmantle rope
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