

AS/NZS 1891.3:1997

Australian/New Zealand Standard®

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**Industrial fall-arrest systems and  
devices**

**Part 3: Fall-arrest devices**

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## **AS/NZS 1891.3:1997**

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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 14 March 1997 and on behalf of the Council of Standards New Zealand on 24 March 1997. It was published on 5 July 1997.

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<p>Originated as AS 1891.3 — 1992. Jointly revised and designated AS/NZS 1891.3:1997.</p>
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PUBLISHED JOINTLY BY:

STANDARDS AUSTRALIA  
1 The Crescent,  
Homebush NSW 2140 Australia

STANDARDS NEW ZEALAND  
Level 10, Radio New Zealand House,  
155 The Terrace,  
Wellington 6001 New Zealand

ISBN 0 7337 1153 7

## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee SF/15 on Industrial Safety Belts and Harnesses. It is one of a group of Standards dealing with fall protection equipment for industrial use and supersedes AS 1891.3—1992 *Industrial safety belts and harnesses*, Part 3: *Fall-arrest devices*. The other Standard in the group which has already been published is as follows:

### AS/NZS

- 1891 Industrial fall-arrest systems and devices
- 1891.1 Part 1: Safety belts and harnesses

The following documents were referred to during the compilation of this Standard:

### EN

- 353 Personal protective equipment against falls from a height
- 353-1:1992 Guided type fall arresters on a rigid anchorage line
- 353-2:1992 Guided type fall arresters on a flexible anchorage line
- 360:1992 Personal protective equipment against falls from a height—Retractable type fall arresters

The principal variations from AS 1891.3—1992 are as follows:

- (a) The maximum force in a supporting lanyard (Type 1 devices) or anchorage line (Types 2 and 3 devices) during fall-arrest is limited to 6 kN, with requirements for an integral energy absorber to be attached to the fall-arrest device where adequate energy absorption is not inherent in the device itself.
- (b) Requirements for attachment hardware now follow those specified in AS/NZS 1891.1.
- (c) The strength requirement for anchorage lines and attachment hardware is now consistently specified as 15 kN.
- (d) Test methods have been revised to eliminate the need to use a test dummy for dynamic tests.

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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