

Australian/New Zealand Standard™

Personal equipment for work at height

**Part 3: Manufacturing requirements for
fall-arrest devices**



AS/NZS 1891.3:2020

This Joint Australian/New Zealand Standard™ was prepared by Joint Technical Committee SF-015, Industrial Height Safety Equipment. It was approved on behalf of the Council of Standards Australia on 20 February 2020 and by the New Zealand Standards Approval Board on 5 February 2020.

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The following are represented on Committee SF-015:

- Australian Chamber of Commerce and Industry
- Australian Industry Group
- Australian Lightweight Vertical Rescue Instructors
- Australian Mobile Telecommunications Association
- Australian Rope Access Association
- BSI Group Australian and New Zealand (Certification Bodies)
- Business New Zealand
- Communications, Electrical and Plumbing Union — Electrical Division
- Electrical Engineers' Association, New Zealand
- Engineers Australia
- Facility Management Association of Australia
- IANZ
- Industrial Rope Access Association of New Zealand
- IRATA Australia
- New Zealand Arboricultural Association
- Roads and Maritime Services
- Roofing Industry Association of NSW
- SafeWork NSW
- Scaffolding, Access and Rigging New Zealand
- Working at Height Association
- Worksafe New Zealand

This Standard was issued in draft form for comment as DR AS/NZS 1891.3:2018.

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Preface

This Standard was prepared by the joint Standards Australia/Standards New Zealand Committee SF-015, Industrial Height Safety Equipment, to supersede AS/NZS 1891.3:1997, *Industrial fall-arrest systems and devices, Part 3: Fall-arrest devices*.

The objective of this Standard is to provide a mechanism to claim conformance to an Australian Standard for fall-arrest devices conforming to specified International Standards.

Changes to this edition include removal of —

- (a) design requirements; and
- (b) Appendices A, B, C and D.

This Standard is the third part of the AS(/NZS) 1891 series of Standards:

AS/NZS 1891.1 *Personal equipment for work at height, Part 1: Manufacturing requirements for full body, combination and lower body harnesses*

AS/NZS 1891.2 *Industrial fall-arrest systems and devices, Part 2: Horizontal lifeline and rail systems*

AS/NZS 1891.2 Supp 1, *Industrial fall-arrest systems and devices, Part 2: Horizontal lifeline and rail systems, Supplement 1: Prescribed configurations for horizontal lifelines (Supplement to AS/NZS 1891.2:2001)*

AS/NZS 1891.3 *Personal equipment for work at height, Part 3: Manufacturing requirements for fall-arrest devices* (this Standard)

AS/NZS 1891.4 *Industrial fall-arrest systems and devices, Part 4: Selection, use and maintenance*

AS 1891.5 *Personal equipment for work at height, Part 5: Manufacturing requirements for lanyard assemblies and pole straps*

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NOTES

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Part 3: Manufacturing requirements for fall-arrest devices

1 Scope

This Standard specifies the requirements for the design and testing of fall-arrest devices which travel along a fixed or flexible anchorage line, and those which unreel an anchorage line.

2 Normative references

The following documents are referred to in the text in such a way that all of their content constitutes requirements of this document.

AS/NZS 1891, *Industrial fall-arrest systems and devices (all parts)*

AS(/NZS) 1891, *Personal equipment for work at height (all parts)*

ANSI/ASSP Z359.4, *Safety Requirements For Assisted Rescue and Self-Rescue Systems, Subsystems And Components*

ANSI/ASSP Z359.14, *Safety Requirements For Self-Retracting Devices For Personal Fall Arrest and Rescue Systems*

ANSI/ASSP Z359.15, *Safety Requirements For Single Anchor Lifelines And Fall Arresters For Personal Fall Arrest And Rescue Systems*

ANSI/ASSP Z359.16, *Safety Requirements For Climbing Ladder Fall Arrest Systems*

EN 353, *Personal fall protection equipment (series)*

EN 360, *Personal protective equipment against falls from a height — Retractable type fall arresters*

EN 1496, *Personal fall protection equipment — Rescue lifting devices*

EN 12841, *Personal fall protection equipment — Rope access systems — Rope adjustment devices*

3 Terms and definitions

No terms and definitions are listed in this document.

4 Conforming fall-arrest devices

The fall-arrest device shall conform to at least one of the standards listed under primary function in [Table 1](#) and, where applicable, at least one of the standards listed under secondary function. In addition, textile line components of fall arrest devices shall meet the light degradation performance requirements of AS/NZS 1891.1.