



## **Portable ladders**

### **Part 1: Performance and geometric requirements**



This Australian Standard® was prepared by Committee SF-034, Portable Ladders. It was approved on behalf of the Council of Standards Australia on 31 July 2018. This Standard was published on 28 September 2018.

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The following are represented on Committee SF-034:

- Australian Aluminium Council
  - Australian Industry Group
  - Consumers Federation of Australia
  - Engineers Australia
  - Ladder Manufacturers Association of Australia
  - Master Builders Australia
  - National Retail Association
  - Safety Institute of Australia
  - Victorian Department of Health and Human Services
  - Working at Height Association
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This Standard was issued in draft form for comment as DR AS/NZS 1892.1:2017.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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# Australian Standard<sup>®</sup>

## Portable ladders

### Part 1: Performance and geometric requirements

Originated as part of AS 1892—1977.  
Previous editions AS/NZS 1892.1:1996 and AS/NZS 1892.3:1996.  
Revised, amalgamated and redesignated as AS 1892.1:2018.

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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee SF-034, Portable Ladders, to supersede AS/NZS 1892.1:1996, *Portable ladders, Part 1: Metal* and AS/NZS 1892.3:1996, *Portable ladders, Part 3: Reinforced plastic*.

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.

This Standard is Part 1 in a series of Standards covering the safe design, manufacture and use of portable ladders and attachments. Other Standards in the series are as follows:

AS 1892.2, *Portable ladders, Part 2: Timber*

AS/NZS 1892.5, *Portable ladders, Part 5: Selection, safe use and care*

In this edition Parts 1 and 3 have been consolidated into a single document. Design and performance requirements for metal and fibreglass ladders remain the same, except for the following:

- (a) Addition of test reporting requirements (Clause 1.7).
- (b) Additional labelling requirements (Clause 2.8).
- (c) Addition a new classification for ladders with 'higher stability' (Clause 1.5.33).
- (d) Addition of test and performance criteria for 'higher stability' ladders (Appendices GG, HH and II).
- (e) Clarification of which test methods apply to each type of ladder (Section 8).
- (f) Addition of particular requirements for work platforms (Section 9).
- (g) Addition of particular requirements for step stools (Section 10).

In this edition, the test methods have been included as a set of appendices. The test methods have not changed greatly; however, in the light of experience gained from the previous editions, they have been clarified.

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.

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