



## **Industrial trucks—Verification of stability**

### **Part 14: Rough-terrain variable-reach trucks**

**STANDARDS**  
Australia



This Australian Standard® was prepared by Committee ME-026, Industrial Trucks. It was approved on behalf of the Council of Standards Australia on 10 June 2015. This Standard was published on 30 June 2015.

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The following are represented on Committee ME-026:

- Australian Industrial Truck Association
  - Australian Industry Group
  - Construction and Mining Equipment Industry Group
  - Hire and Rental Industry Association of Australia
  - Safety Institute of Australia
  - WorkCover New South Wales
  - WorkSafe Victoria
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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>

**Industrial trucks—Verification of  
stability**

**Part 14: Rough-terrain variable-reach  
trucks**

Originally as AS 2359.17—2008.

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## PREFACE

This Standard was prepared by the Standards Australia Committee ME-026, Industrial Trucks, to supersede AS 2359.17, *Powered industrial trucks, Part 17: Stability tests for rough terrain trucks (ISO 8379:1998, MOD)*.

The objective of this Standard is to provide designers and manufacturers of rough terrain variable reach trucks (tele-handlers) with test criteria when conducting stability tests. It is to be used in conjunction with AS ISO 22915.1, *Industrial trucks—Verification of stability, Part 1: General*.

This Standard is identical with, and has been reproduced from, ISO 22915-14:2010, *Industrial trucks—Verification of stability, Part 14: Rough-terrain variable-reach trucks*.

The first edition of ISO 22915-4, together with ISO 22915-13, cancels and replaces ISO 8379:1998, of which it constitutes a technical revision.

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- (a) In the source text ‘this part of ISO 22915’ should read ‘Australian Standard’.
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References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

<i>Reference to International Standard</i>	<i>Australian Standard</i>
ISO	AS ISO
22915 Industrial trucks—Verification of stability	22915 Industrial trucks—Verification of stability
22915-1 Part 1: General	22915.1 Part 1: General

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## AUSTRALIAN STANDARD

**Industrial trucks—Verification of stability****Part 14:  
Rough-terrain variable-reach trucks****1 Scope**

This part of ISO 22915 specifies tests for verifying the stability of rough-terrain variable-reach trucks, equipped with fork arms or with load carrying or non-load carrying attachments. It is not applicable to those trucks designed for handling freight containers or for lifting people or suspended loads.

**2 Normative references**

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 22915-1, *Industrial trucks — Verification of stability — Part 1: General*

**3 Terms and definitions**

For the purposes of this document, the terms and definitions given in ISO 22915-1 apply.

**4 Test conditions****4.1 General**

See ISO 22915-1.

**4.2 Position of truck on the tilt table****4.2.1 Load and steer axles**

The load axle and the steer axle are defined by Figure 1.