AS ISO 22915.11:2015
ISO 22915-11:2011

AS ISO 22915.11:2015

Industrial trucks—Verification of stability

Part 11: Industrial variable-reach trucks

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- 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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Australian Standard®

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PREFACE

This Standard was prepared by the Standards Australia Committee ME-026, Industrial Trucks, to supersede AS 2359.18 *Powered industrial trucks,* Part 18: *Stability tests for industrial variable-reach trucks*.

The objective of this Standard is to provide designers and manufacturers of industrial variable reach (tele-handlers) with the 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 22915-11:2011, *Industrial trucks—Verification of stability*, Part 11: *Industrial variable-reach trucks*.

This first edition of ISO 22915-11 cancels and replaces ISO 13562-1:2000, of which it constitutes a technical revision.

As this Standard is reproduced from an International Standard, the following applies:

(a) In the source text 'this part of ISO 22915' should read 'Australian Standard'.

(b) A full point substitutes for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

Reference to International Standard		*Australian Standard*	
ISO		AS	
		2359	Powered industrial trucks
5053	Powered industrial trucks—Terminology	2359.7	Part 7: Terminology
		AS ISO	
22915	Industrial trucks—Verification of stability	22915	Industrial trucks—Verification of stability
22915-1	Part 1: General	22915.1	Part 1: General

Only normative references that have been adopted as Australian or Australian/New Zealand Standards have been listed.

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AUSTRALIAN STANDARD

Industrial trucks—Verification of stability

Part 11:
Industrial variable-reach trucks

1 Scope

This part of ISO 22915 specifies tests for verifying the stability of industrial variable-reach trucks, equipped either with fork arms or with load-handling attachments.

It is not applicable to those trucks designed for handling freight containers; nor is it applicable to rough-terrain variable-reach trucks, which are covered by ISO 22915-14.

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 3691-2, *Industrial trucks — Safety requirements and verification — Part 2: Self-propelled variable-reach trucks*

ISO 5053, *Powered industrial trucks — Terminology*

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 3691-2 and ISO 22915-1 and the following apply.

3.1
variable-reach truck
counterbalanced lift truck with an articulating boom, telescopic or not, non-slewing as defined in ISO 5053 or having a slewing movement of not more than 5° on either side of the truck's longitudinal axis, used for stacking loads

NOTE 1 The load handling means may be mounted directly on the lifting means or on an auxiliary mast fixed at the end of the lifting means.

NOTE 2 Variable-reach trucks may be fitted with a rigid or articulating chassis, stabilizers, axle-locking or lateral frame levelling devices as defined in ISO 3691-2, or two- or four-wheel steering or articulating chassis steering systems.

3.2
industrial variable-reach truck
variable-reach truck designed for operation on substantially firm, smooth, level, prepared and consolidated surfaces

