



Industrial trucks—Verification of stability

Part 16: Pedestrian-propelled 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.

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
-

This Standard was issued in draft form for comment as DIS ISO 22915.16:2015.

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.

Keeping Standards up-to-date

Australian Standards® are living documents that reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued.

Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments that may have been published since the Standard was published.

Detailed information about Australian Standards, drafts, amendments and new projects can be found by visiting www.standards.org.au

Standards Australia welcomes suggestions for improvements, and encourages readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at mail@standards.org.au, or write to Standards Australia, GPO Box 476, Sydney, NSW 2001.

Australian Standard[®]

**Industrial trucks—Verification of
stability**

Part 16: Pedestrian propelled trucks

Originally as part of AS B270—1968.
Revised and redesignated AS 2359.1—1980.
Revised in part as AS 2359.1—1995.
Revised and redesignated in part as AS ISO 22915.16:2015.

COPYRIGHT

© Standards Australia Limited

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher, unless otherwise permitted under the Copyright Act 1968.

Published by SAI Global Limited under licence from Standards Australia Limited, GPO Box 476, Sydney, NSW 2001, Australia

ISBN 978 1 76035 109 0

PREFACE

This Standard was prepared by the Standards Australia Committee ME-026, Industrial Trucks, to supersede AS 2359.1, *Powered industrial trucks, Part 1: General requirements*.

The objective of this Standard is to provide designers and manufacturers of pedestrian-controlled trucks with the test criteria for 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 22915-16:2014, *Industrial trucks—Verification of stability, Part 16: Pedestrian-propelled trucks*.

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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO will not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received, www.iso.org/patents.

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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
5053 Powered industrial trucks— Terminology	2359 Powered industrial trucks 2359.7 Part 7: Terminology
22915 Industrial trucks—Verification of stability	AS ISO 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.

CONTENTS

1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Requirements	1
4.1	General	1
4.2	Position of the truck on the tilt table	1
5	Verification of stability	2
5.1	Dynamic test — Platform trucks	2
5.2	Tilt table tests	3

Currently in preview, click buy full version

AUSTRALIAN STANDARD

Industrial trucks—Verification of stability**Part 16:
Pedestrian-propelled trucks****1 Scope**

This part of ISO 22915 specifies tests for verifying the stability of pedestrian-propelled trucks.

It is applicable to

- straddle, pallet and platform stacker trucks with capacities not exceeding 1 000kg, with manual or battery-powered lift;
- scissors lift pallet trucks with lift heights up to 1 000 mm and rated capacity up to 1 000kg, with manual or battery-powered lift;
- platform trucks.

It also applies to trucks operating under the same conditions when equipped with load-handling attachments.

It is not applicable to trucks with retractable devices such as a mast or fork.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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*

ISO 3691-5:2014, *Industrial trucks — Safety requirements and verification — Part 5: Pedestrian-propelled trucks*

ISO 5053, *Powered industrial trucks — Terminology*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 5053 and ISO 22915-1 apply.

4 Requirements**4.1 General**

See ISO 22915-1.

4.2 Position of the truck on the tilt table

All tests shall be carried out with castors and swivelling wheels, when fitted, in the position of least stability (see [Tables 1, 2](#) and [3](#)).