



Industrial trucks — Verification of stability

Part 10: Additional stability test for trucks operating in the special condition of stacking with load laterally displaced by powered devices (ISO 22915-10:2023, MOD)



AS 22915.10:2024

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The following are represented on Committee ME-026:

- Australian Forklift and Industrial Truck Association
- Australian Industry Group
- Australian Institute of Health & Safety
- Better Regulation Division (Fair Trading, SafeWork NSW, TestSafe)
- Construction and Mining Equipment Industry Group
- Engineers Australia
- Hire and Rental Industry Association of Australia
- National Road Transport Association
- Telescopic Handler Association of Australia
- Victorian WorkCover Authority (WorkSafe Victoria)

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Preface

This Standard was prepared by the Standards Australia Committee ME-026, Industrial Trucks to supersede AS 22915.10:2018.

The objective of this document is to specify an additional test for verifying the stability of a laden truck fitted with a powered load-handling device, such as a sideshift, which can displace the centre of gravity laterally to a substantial, predetermined extent from the longitudinal centre plane of the truck or from the centred position. Such devices are used in this mode for depositing and retrieving a load.

A displacement is considered to be a substantial displacement if it is more than —

- a) 100 mm, for a truck with a rated capacity < 5 000 kg;
- b) 150 mm, for a truck with a rated capacity $\geq$ 5 000 kg and $\leq$ 10 000 kg;
- c) 250 mm, for a truck with a rated capacity > 10 000 kg and < 20 000 kg; and
- d) 350 mm, for a truck with a rated capacity $\geq$ 20 000 kg.

This document is applicable to the following types of trucks as defined in ISO 5053-1:

- i) Counterbalance trucks.
- ii) Reach and straddle trucks.
- iii) Pallet stackers.
- iv) Bidirectional and multidirectional trucks.
- v) Industrial variable-reach trucks.
- vi) Rough-terrain trucks with mast.
- vii) Rough-terrain variable reach trucks.
- viii) Counterbalance trucks with articulated steering.
- ix) Variable-reach container handler.
- x) Counterbalanced container handler.

This document is identical with national modifications, and has been reproduced from, ISO 22915-10:2023, *Industrial trucks — Verification of stability — Part 10: Additional stability test for trucks operating in the special condition of stacking with load laterally displaced by powered devices*.

The modifications are additional requirements and are set out in [Appendix ZZ](#), which has been added at the end of the source text.

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Australian or Australian/New Zealand Standards that are identical adoptions of international normative references may be used interchangeably. Refer to the online catalogue for information on specific Standards.

The terms “normative” and “informative” are used in Standards to define the application of the appendices or annexes to which they apply. A “normative” appendix or annex is an integral part of a Standard, whereas an “informative” appendix or annex is only for information and guidance.

Contents

Preface	ii
Foreword	iv
Section 1 Scope	1
Section 2 Normative references	1
Section 3 Terms and definitions	2
Section 4 Test conditions	3
4.1 General	3
4.2 Position of the truck on the tilt table	3
4.2.1 Counterbalance trucks	3
4.2.2 Reach and straddle trucks	3
4.2.3 Pallet stackers	3
4.2.4 Bidirectional and multidirectional trucks	3
4.2.5 Industrial variable-reach trucks	3
4.2.6 Rough-terrain trucks with mast	4
4.2.7 Rough-terrain variable reach trucks	4
4.2.8 Counterbalance trucks with articulated steering	4
4.2.9 Variable-reach container handler	4
4.2.10 Counterbalanced container handler	4
4.3 Position of the load	4
Section 5 Verification of stability	4
5.1 General	4
5.2 Counterbalance trucks	4
5.3 Reach and straddle trucks	4
5.4 Pallet stackers	4
5.5 Bidirectional and multidirectional trucks	4
5.6 Industrial variable-reach trucks	4
5.7 Rough-terrain trucks with mast	4
5.8 Rough-terrain variable reach trucks	5
5.9 Counterbalance trucks with articulated steering	5
5.10 Variable-reach container handler	5
5.11 Counterbalanced container handler	5
Section 6 Marking	5
Bibliography	6
Appendix ZZ (normative) Modifications to ISO 22915-10:2023 for Australia	7