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AS 5144.5:2015
ISO 3691-5:2014
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(Incorporating Amendments up to and including No. 2)

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# Industrial trucks — Safety requirements and verification

## Part 5: Pedestrian-propelled trucks

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AS 5144.5:2015

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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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# Preface

[A1] This Standard was prepared by the Standards Australia Committee ME-026, Industrial Trucks, to supersede part of AS 2359.1-1995, *Powered industrial trucks, Part 1: General requirements*. References to 'manually propelled high lift trucks' in AS 2359.1-1995 are now covered by this Standard. [A1]

[A2] Amendment No. 2 to this Standard was prepared by the Standards Australia Committee ME-026, Industrial Trucks. [A2]

[A2] *This Standard incorporates Amendment No. 1 (March 2021) and Amendment No. 2 (May 2024). The start and end of changes introduced by the Amendment are indicated in the text by tags including the Amendment number.* [A2]

The objective of this Standard is to specify safety requirements and the means for their verification for the following types of pedestrian-propelled trucks (hereafter referred to as 'trucks'), equipped with load-handling devices for normal industrial duties, e.g. fork arms and platforms, or integrated attachments for special applications.

[A2] This Standard is identical with, and has been reproduced from, ISO 3691-5:2014, *Industrial trucks—Safety requirements and verification, Part 5: Pedestrian-propelled trucks* and its Amendment 1 (2020) which has been added the end of the source text. [A2]

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

(a) In the source text 'this part of ISO 3691' should read 'Australian Standard'.

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

This second edition (ISO 3691.5:2014) cancels and replaces the first edition (ISO 3691-5:2009), of which it constitutes a minor revision.

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.

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

| *Reference to International Standard* | *Australian/New Zealand Standard* |
|---|---|
| ISO 2328, Fork-lift trucks—Hook-on type fork arms and fork arm carriages—Mounting dimensions | AS 2359.11, Powered industrial trucks, Part 11: Fork-lift trucks—Hook-on type fork arms and fork carriers—Mounting dimensions |
| ISO 3287, Powered industrial trucks—Symbols for operator controls and other displays | AS 2359.5, Powered industrial trucks, Part 5: Symbols for operator controls and other displays |
| ISO 5053, Powered industrial trucks—Terminology | AS 2359.7, Powered industrial trucks, Part 7: Terminology |
| ISO 12100, Safety of machinery—General principles for design—Risk assessment and risk reduction | AS/NZS 4024.1201, Safety of machinery, Part 1201: General principles for design—Risk assessment and risk reduction |

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|---|---|
| ISO 13857, Safety of machinery—Safety distances to prevent hazard zones being reached by upper and lower limbs | AS/NZS 4024.1801, Safety of machinery, Part 1801: Safety distances to prevent danger zones being reached by upper and lower limbs |
| ISO 15870, Powered industrial trucks—Safety signs and hazard pictorials—General principles | AS 2359.16, Powered industrial trucks, Part 16: Safety signs and hazard pictorials—General principles |

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

The terms 'normative' and 'informative' have been used in this Standard to define the application of the annexes to which they apply. A 'normative' annex is an integral part of a Standard, whereas an 'informative' annex is only for information and guidance.

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