AS 6055:2026

Australian STANDARD®

STANDARDS Australia

Industrial trucks — Overhead guards — Specification and testing (ISO 6055:2023, MOD)



AS 6055:2026

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Australian Forklift and Industrial Truck Association
Australian Industry Group
Australian Institute of Health & Safety
Construction and Mining Equipment Industry Group
Elevating Work Platform Association of Australia
Engineers Australia
Hire and Rental Industry Association of Australia
National Road Transport Association
SafeWork NSW
Telescopic Handler Association of Australia
Victorian WorkCover Authority (WorkSafe Victoria)

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How to read this Standard

This page explains the meaning of the language and structure of this Standard.

Refer to Standards Australia's Standardisation Guide 006 for more details about drafting rules.

Australian and Australian/New Zealand Standards are voluntary unless they are referenced in legislation or called up in contracts.

Requirements

To conform to a Standard, all requirements in the Standard need to be met.

A requirement is any statement in the Standard which uses the word "shall".

Recommendations, permissions and possibilities

The following words are commonly used in Standards, but statements using them do not have to be followed to conform to the Standard:

(a) "should" means that something is recommended.

(b) "may" means that something is permitted.

(c) "can" means that something is possible.

Structure of Standards

A Standard always has the following parts:

(i) The Preface states who developed the Standard, what the Standard is aiming to do, and how it relates to other documents.

(ii) The Scope states what the Standard is about, what it covers and what it does not cover.

(iii) The Normative references clause lists other documents that are referenced in the Standard as part of requirements.

(iv) The Terms and definitions clause defines important terms to help with understanding the Standard.

A Standard may also include other parts, such as the following:

(1) A normative appendix sets additional requirements that need to be conformed to.

(2) An informative appendix provides additional information or guidance. They usually do not contain requirements. If an informative appendix does contain requirements, the Standard will explain when those requirements apply.

(3) A Bibliography lists documents referenced in the Standard but not as part of requirements.

Many Standards include notes. Notes provide recommendations and/or guidance only. They never contain requirements.

This Standard is a modified adoption of an International Standard. It makes changes to the international text.

The changes to the international text are shown in boxes in the text. These boxes have the heading "National Variations".

To use this Standard in Australia/New Zealand, the changes in the national variation boxes need to be followed.

Preface

This Standard was prepared by the Standards Australia Committee ME-026, Industrial Trucks to supersede AS 2359.9:2006, *Powered industrial trucks, Part 9: Overhead guards—Specification and testing (ISO 6055:2004, MOD)*.

The objective of this document is to specify the requirements and testing of overhead guards, operator's leg(s)/feet protection for industrial trucks and overturning testing of industrial variable-reach trucks with operator position not protected by the boom (hereafter referred to as "trucks") requiring an overhead guard.

This document is an adoption with national modifications and has been reproduced from ISO 6055:2023, *Industrial trucks — Overhead guards — Specification and testing*.

The modifications are set out in national variations boxes which give instructions where the ISO/IEC text is to be modified for use in Australia. Due to ISO/IEC copyright policy it is not possible to directly modify the ISO/IEC content.

As this document has been reproduced from an International document, a full point substitutes for a comma when referring to a decimal marker.

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.

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall 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 (see 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.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 110, *Industrial trucks*, Subcommittee SC 2, *Safety of powered industrial trucks*.

This fourth edition cancels and replaces the third edition (ISO 6055:2004), which has been technically revised.

The main changes are as follows:

— for stand-on controlled trucks, vertical clearance has been increased, from the platform to the underside of the overhead guard;

— requirements for rough terrain variable-reach trucks have been excluded;

— specifications and test requirements have been added for transparent material used to bridge openings in the top of the overhead guard structure not conforming to 4.3.1;

— information for use in relation to the inspection of structure and inspection and care of transparent material has been added.

Any feedback or questions on this document should be directed to the user’s national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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Australian Standard®

Industrial trucks — Overhead guards — Specification and testing (ISO 6055:2023, MOD)

1 Scope

This document specifies the requirements and testing of overhead guards, operator's leg(s)/feet protection for industrial trucks and overturning testing of industrial variable-reach trucks with operator position not protected by the boom (hereafter referred to as "trucks") requiring an overhead guard according to ISO 3691-1 and ISO 3691-2.

This document is not applicable to rough-terrain variable-reach trucks and slewing rough-terrain variable-reach trucks.

NATIONAL VARIATION

After the first paragraph in Clause 1, *add* the following:

This document is applicable to overhead guards that have been repaired prior to returning to service.

This document is not applicable to overhead guards that have been modified.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 3164, *Earth-moving machinery — Laboratory evaluations of protective structures — Specifications for deflection-limiting volume*

ISO 3449, *Earth-moving machinery — Falling-object protective structures — Laboratory tests and performance requirements*

ISO 3471, *Earth-moving machinery — Roll-over protective structures — Laboratory tests and performance requirements*

ISO 3691-1:2011, *Industrial trucks — Safety requirements and verification — Part 1: Self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks*

ISO 3691-1:2011/Amd.1:2020, *Industrial trucks — Safety requirements and verification — Part 1: Self-propelled industrial trucks, other than driverless trucks, variable-reach trucks and burden-carrier trucks — Amendment 1*

ISO 3691-2:2023, *Industrial trucks — Safety requirements and verification — Part 2: Self-propelled variable-reach trucks*

ISO 5053-1, *Industrial trucks — Vocabulary — Part 1: Types of industrial trucks*

ISO 5353, *Earth-moving machinery, and tractors and machinery for agriculture and forestry — Seat index point*

ISO 13564-1:2012, *Powered industrial trucks — Test methods for verification of visibility — Part 1: Sit-on and stand-on operator trucks and variable-reach trucks up to and including 10 t capacity*

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