

Australian Standard[®]

Powered industrial trucks

Part 1: General requirements

This Australian Standard was prepared by Committee ME/26, Industrial Trucks. It was approved on behalf of the Council of Standards Australia on 10 March 1995 and published on 5 May 1995.

The following interests are represented on Committee ME/26:

Association of Employers of Waterside Labour
Australian Chamber of Commerce and Industry
Australian Industrial Truck Association
Department of Occupational Health, Safety and Welfare, W.A.
Metal Trades Industry Association of Australia
Occupational Health and Safety Authority, Victoria
Port of Melbourne Authority
WorkCover Authority of N.S.W.

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Powered industrial trucks

Part 1: General requirements

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PREFACE

This Standard was prepared by the Standards Australia Committee on Industrial Trucks to supersede, in part, AS 2359.1—1985, *SAA Industrial Truck Code, Part 1: Design and manufacture*.

The AS 2359 series of Standards has been extensively modified. The series, which was previously published in two Parts, has now been expanded to incorporate new material and has been divided into 12 Parts.

Wherever practicable the relevant International Standards have been adopted; however, Parts 1, 2 and 12 continue to be locally developed, in the absence of suitable International Standards.

The Standard now becomes Part 1 of the new series, other Standards in this series are as follows:

- Part 2: Operation
- Part 3: Counterbalanced fork-lift trucks—Stability tests (replaces various Paragraphs of Appendix A)
- Part 4: Reach and straddle fork-lift trucks—Stability tests (supersedes Clause 3.4.2)
- Part 5: Control symbols (supersedes, in part, Clause 8)
- Part 6: Safety code (supersedes, in part, Clause 8)
- Part 7: Terminology (supersedes AS 1763)
- Part 8: Pallet stackers and high-lift platform trucks—Stability tests (supersedes, in part, Clause 8)
- Part 9: High-lift rider trucks—Overhead guards—Specification and testing (supersedes Clause 7.6)
- Part 10: Fork-lift trucks—Hook-on type fork arms—Vocabulary
- Part 11: Fork-lift trucks—Hook-on type fork arms and fork carriers—Mounting dimensions
- Part 12: Hazardous areas

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

This Standard does not cover industrial tractors. Because of the preliminary nature of the studies being undertaken by other standards bodies, the committee decided to provide for them in the future.

Visibility and noise level requirements are receiving considerable attention from ISO, but at this stage are not covered by this Standard. Lighting requirements are not included, but adequate lighting may be required to suit requirements of statutory authorities or to allow operation in areas of low light intensity.

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STANDARDS AUSTRALIA

Australian Standard
Powered industrial trucks

Part 1: **General requirements**

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE This Standard sets out requirements for the design, manufacture, marking and testing of powered industrial trucks and their attachments as defined in AS 2359.7.

Appendices detail stability testing ([Appendix A](#)) and the basis of stability ([Appendix B](#)).

NOTES:

- 1 Guidance is given on noise levels ([Appendix C](#)), and on enquiries, requests for hire, orders and tenders ([Appendix D](#)).
- 2 The operation of powered industrial trucks is covered by AS 2359.2.

1.2 APPLICATION This Standard is intended to be a source of fundamental principles for application by responsible and competent persons and organizations. Where any contradictory requirements arise between other Parts and Part 1, Part 1 takes precedence.

The duties of designers, manufacturers and owners of plant, including powered industrial trucks, are set out in statutory regulations. This Standard offers a way in which designers, manufacturers and owners of powered industrial trucks can meet these duties.

Designers, manufacturers and owners of multipurpose equipment are advised to consult the statutory regulations and determine their specific obligations. This Standard may be applied to multipurpose equipment designed to be used as a powered industrial truck in order to control the specific risks unique to its operation in this mode; however, it is recognized that the duties under the law may be discharged in other ways, including compliance with other more appropriate Standards.

NOTES:

- 1 Because of the range of designs of multipurpose equipment currently on the market it is not possible to provide more precise advice on the application of this Standard to such equipment that will be valid in all instances.
- 2 It is not the intent to require that multipurpose equipment needs to simultaneously comply with all of the requirements of a range of Standards.

1.3 INNOVATION It is not intended that this Standard impose unnecessary restrictions on design, manufacture, marking and testing of trucks, or on the development and use of new, improved or unusual methods and materials.

1.4 REFERENCED DOCUMENTS The following documents are referred to in this Standard:

AS

1055	Acoustics—Description and measurement of environmental noise
1055.2	Part 2: Application to specific situations
1269	Acoustics—Hearing conservation
1319	Safety signs for the occupational environment



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