AS 2359.5—1995
ISO 3287:1978

Australian Standard®

# Powered industrial trucks

# Part 5: Control symbols

[ISO title: Powered industrial trucks— Control symbols]

This Australian Standard was prepared by Committee ME/26, Industrial Trucks. It was approved on behalf of the Council of Standards Australia on 29 September 1994 and published on 5 January 1995.

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The following interests are represented on Committee ME/26:

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

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# Part 5: Control symbols

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# PREFACE

This Standard was prepared by the Standards Australia Committee on Industrial Trucks as Part 5 in a series of Standards dealing with the design, manufacture and operation of powered industrial trucks. It supersedes, in part, AS 2359.1—1985, *SAA Industrial Truck Code*, Part 1: *Design and manufacture*.

Other Standards in this series are as follows:

Part 1: General
Part 2: Operation
Part 3: Counterbalanced fork-lift trucks — Stability tests
Part 4: Reach and straddle fork-lift trucks — Stability tests
Part 8: Pallet stackers and high-lift platform trucks — Stability tests
Part 9: High-lift rider trucks — Overhead guards — Specification and testing
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

This Standard is identical with and has been reproduced from ISO 3287:1978, *Powered industrial trucks — Control symbols*.

References to international Standards should be replaced by references, where appropriate, to the following Australian Standard:

| *Reference to International Standard* | | *Australian Standard* | |
|---|---|---|---|
| ISO | | AS | |
| 3691 | Powered industrial trucks — Safety code | 2359 | Powered industrial trucks |
| | | 2359.6 | Part 6: Safety code |

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AUSTRALIAN STANDARD

# Powered industrial trucks

Part 5:
Control symbols

## 1 SCOPE AND FIELD OF APPLICATION

This International Standard defines symbols which will provide for the development of symbolic language of operator controls on powered industrial trucks. The symbols are divided into three sections:

Section one: Symbols for load handling;

Section two: Symbols for other operational controls involving action;

Section three: Symbols for information or identification only.

## 2 REFERENCE

ISO 3691, *Powered industrial trucks—Safety code*.

## 3 REPRODUCTION OF THE SYMBOLS

Reproduction, including enlargement or reduction of symbol size, should be by a photographic or similar process to retain exact proportion and line thickness. In order to comply with national standards, changes in proportion of the symbols are permitted, but such changes shall not alter or modify the substantive contents and meaning of the symbol.

## SECTION ONE: **SYMBOLS FOR LOAD HANDLING**

## 4 USE OF SYMBOLS

**4.1** Symbols shall be durable and provide contrast with surrounding materials.

**4.2** Symbols shall be located on or adjacent to the control lever for the function depicted in a manner to avoid confusion or misunderstanding.

**4.3** The direction of movement of controls in relation to the movement of parts or function controlled are set forth in ISO 3691. These motions may be categorized as follows:

| Type of lever | Motion of lever relative to operator | |
|---|---|---|
| a) Control levers where the knob moves in a substantially horizontal plane | Pull | Push |
| b) Control levers where the knob moves in a substantially vertical plane | Raise | Lower |

**4.4** The location and arrangement of push-buttons when used to control movement of parts or function controlled are set forth in ISO 3691. These arrangements may be related to the corresponding movement of levers in such a manner that the pushing of a button causes the same movement as though the button represented location of a handle after it had been moved; the horizontal arrangement of push-buttons should be related to the motion of a vertical lever while the vertical arrangement of push-buttons should be related to the motion of a horizontal lever. See the following table.