AS 5233.1:2021
ISO 7296-1:1991
ISO 7296-1:1991/Amd.1:1996

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Cranes — Graphic symbols

Part 1: General

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Australian Chamber of Commerce and Industry
Australian Industry Group
Australian Institute for Non-Destructive Testing
Better Regulation Division (Fair Trading, Safework NSW, TestSafe)
Bureau of Steel Manufacturers of Australia
Crane Industry Council of Australia
Department of Regional NSW
Elevating Work Platform Association of Australia
Engineers Australia
Office of Industrial Relations (Qld)
Transport for NSW
Victorian WorkCover Authority (WorkSafe Victoria)
WorkSafe Division, Department of Mines, Industry Regulation and Safety (DMIRS)(WA)

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Preface

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee ME-005, Cranes.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this Standard is to establish general graphic symbols for use on the controls of cranes and indicates colour for control buttons and signal lamps.

This Standard is identical with, and has been reproduced from ISO 7296 1:1991, Cranes — Graphic symbols — Part 1: General and its Amendment No. 1 (1996) which has been added at the end of the source text.

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

(a) In the source text "this part of ISO 7296" should read "this Australian Standard".

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

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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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 7296-1 was prepared by Technical Committee ISO/TC 96, *Cranes,* Sub-Committee SC 2, *Terminology.*

ISO 7296 will consist of the following parts, under the general title *Cranes — Graphic symbols:*

— *Part 1: General*

— *Part 2: Mobile cranes*

— *Part 3: Tower cranes*

— *Part 4: Jib cranes*

— *Part 5: Overhead travelling and portal bridge cranes*

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Cranes — Graphic symbols

Part 1: General

Section 1 General

1.1 Scope

This part of ISO 7296 establishes general graphic symbols for use on the controls of cranes (section 2) and indicates colour for control buttons and signal lamps (section 3).

The symbols are divided into the following groups given in 2.1, 2.2 and 2.3:

2.1 Symbols for basic directions of motion and on/off positions

2.2 Symbols for operator controls

2.3 Information symbols

NOTE — The graphic symbols used in this part of ISO 7296 are in accordance with ISO 3461-1 : 1988, *General principles for the creation of graphical symbols — Part 1 : Graphical symbols for used on equipment,*ISO 4196 : 1984, *Graphical symbols — Use of arrows,*ISO 7000 : 1989, *Graphical symbols for use on equipment — Index and synopsis* and with IEC 417 : 1973, *Graphical symbols for use on equipment. Index, survey and compilation of the single sheets,* with its supplements.

1.2 General requirements

1.2.1 The symbols shall be as given in clauses 2.1 to 2.3.

1.2.2 Symbols on controls shall have good contrast with their background (preferably light symbols against a dark background).

1.2.3 Symbols shall be located on or adjacent to the control for the function depicted.

1.2.4 Where more than one symbol is required (for example, "on", "off", "move left", "move right"), the symbols shall be so located in relation to control devices that the movement of the device in the direction indicated by the symbol shall suggest the sense of the control operation.

1.2.5 Symbols shall be so located that they can be easily recognizable from the operator's working position.

1.2.6 A symbol which shows the direction of motion of control levers may be used in combination with other symbols to designate lever movement.

The symbol may be located on the control panel in any desired position according to the movement it shows.

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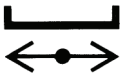
Section 2 Graphic Symbols for use on controls

2.1 Symbols for basic directions of motion and on/off positions

No.	Symbol	Designation
001	417-IEC-5022	Movement in one direction
002	 ISO 7000-1680	Control lever working movement in two directions[1)]
003	ISO 7000-0004	Rotation, clockwise
004	ISO 7000-0004	Rotation, counter-clockwise
005	ISO 7000-0005	Rotation in both directions, unlocked
006	ISO 7000-0938	Rotation in both directions, locked
007	ISO 7000-0927	Turn right

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