

AS 5235.1:2021



Cranes — Information labels

Part 1: General (ISO 9942-1:2015, MOD)



AS 5235.1:2021

This Australian Standard® was prepared by ME-005, Cranes. It was approved on behalf of the Council of Standards Australia on 19 January 2021.

This Standard was published on 29 January 2021.

The following are represented on Committee ME-005:

- 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
- National Heavy Vehicle Regulator
- Office of Industrial Relations, Qld
- Transport for NSW
- Victorian WorkCover Authority (WorkSafe Victoria)
- WorkSafe Division — Department of Mines, Industry Regulation and Safety (DMIRS) WA

This Standard was issued in draft form for comment as DR AS 5235.1:2020.

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ISBN 978 1 76113 167 7

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First published as AS 5235.1:2021.

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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 specify the minimum requirements for labels for the identification (marking) and the operation of cranes.

This Standard is an adoption with national modifications and has been reproduced from ISO 9942 1:2015, *Cranes — Information labels — Part 1: General*. The modifications are additional requirements and are set out in [Appendix ZZ](#), which has been added at the end of the source text.

[Appendix ZZ](#) lists the variations to ISO 9942-1:2015, for application of this Standard in Australia.

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

- (a) In the source text “this part of ISO 9942” should read “this Australian Standard”.
- (b) 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 term “normative” is used in Standards to define the application of the appendices or annexes to which it applies. A “normative” appendix or annex is an integral part of a Standard.

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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 on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT), see the following URL: [Foreword — Supplementary information](#).

The committee responsible for this document is ISO/TC 96, *Cranes*, Subcommittee SC 5, *Use, operation and maintenance*.

This second edition cancels and replaces the first edition (ISO 9942-1:1994), of which it constitutes a minor revision.

Australian Standard[®]

Cranes — Information labels

Part 1: General (ISO 9942-1:2015, MOD)

1 Scope

This part of ISO 9942 specifies the minimum requirements for labels for the identification (marking) and the operation of cranes.

2 Identification data

2.1 Manufacturer's data

As a minimum, the following information shall figure permanently on every crane:

- name of the supplier;
- name of the manufacturer;
- year of manufacture;
- serial number;
- model.

2.2 Loading data

Information on the maximum loadings (capacities) shall figure permanently on the crane and be easily legible.

This information is also required to avoid overloading; see the other parts of ISO 9942.

3 Information on operation of the crane by the crane operator

3.1 Control installations and indicating devices

The information shall be attached where it is easily visible.

Further information shall be available in the product-specific standards.

3.2 Tasks of the crane operator

Information relating to the tasks of the crane operator on or near the control installations of cranes shall include information about his tasks prior to, during and after crane operation. This shall be in the form of a permanently attached label in the cab, or at the operator's station if there is no control platform.

If there is no control platform (for example, on cranes which are controlled from the ground), the information labels shall be attached near the switching elements for the energy supply to the crane.

4 Information for persons within working range of the crane

In order to avoid hazards during the operation of the crane, it might be necessary to provide additional information depending on the type of crane and its operation.

Appendix ZZ (normative)

Variations to ISO 9942-1:2015 for Australia

ZZ.1 Scope

This appendix lists the normative variations to ISO 9942-1:2015.

ZZ.2 Variations

The following modifications are required for Australian conditions:

Element	Instruction/New text
----------------	-----------------------------

- | | |
|---------------|--|
| CI 2.1 | Delete list and replace with the following: <ul style="list-style-type: none">— name of the supplier;— name of the manufacturer;— year of manufacture;— serial number;— group classification;— classification of hoisting mechanism(s); and— maximum rated capacity. |
|---------------|--|

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