AS/NZS 4024.1905:2014
IEC 61310-2, Ed. 2.0 (2007)

AS/NZS 4024.1905:2014

Australian/New Zealand Standard™

Safety of machinery

Part 1905: Displays, controls, actuators and signals—Indication, marking and actuation—Requirements for marking

STANDARDS Australia

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee SF-041, General Principles for the Guarding of Machinery. It was approved on behalf of the Council of Standards Australia on 5 June 2014 and on behalf of the Council of Standards New Zealand on 24 April 2014.
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The following are represented on Committee SF-041:

Australian Chamber of Commerce and Industry
Australian Industry Group
Australian Manufacturing Workers Union
Department of Mines and Petroleum, WA
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Federal Chamber of Automotive Industries
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We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia or Standards New Zealand at the address shown on the back cover.

This Standard was issued in draft form for comment as DR AS/NZS 4024.1905.

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Part 1905: Displays, controls, actuators and signals—Indication, marking and actuation—Requirements for marking

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee SF-041, General Principles for the Guarding of Machinery, to supersede AS 4024.1905—2006.

It is emphasized that this Standard is part of the AS(/NZS) 4024.1 series and it is imperative that it is used in conjunction with other applicable parts of the series. A complete listing of all current parts of the AS(/NZS) 4024.1 series can be found at the Standards Australia website <www.standards.org.au> and in AS/NZS 4024.1100, *Safety of machinery*, Part 1100: *Application Guide*.

The objective of this Standard is to specify requirements for the marking of machinery. It gives general rules on marking for identification of machinery, for safe use relating to mechanical and electrical hazards, and for the avoidance of hazards arising from incorrect connections.

This Standard is identical with, and has been reproduced from IEC 61310-2, Ed. 2.0 (2007), *Safety of machinery—Indication, marking and actuation*, Part 2: *Requirements for marking*.

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

(a) In the source text 'this part of IEC 61310' should read 'this Australian/New Zealand Standard'.

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

References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

Reference to International Standard		*Australian/New Zealand Standard*	
ISO		AS/NZS	
12100	Safety of machinery—Basic concepts, general principles for design	4024	Safety of machinery
12100-1	Part 1: Basic terminology, methodology	4024.1201	Part 1201: General principles for design—Risk assessment and risk reduction
12100-2	Part 2:Technical principles	4024.1201	Part 1201: General principles for design—Risk assessment and risk reduction
IEC		AS	
60204	Safety of machinery—Electrical equipment of machines	60204	Safety of machinery—Electrical equipment of machines
60204-1	Part 1: General requirements	60204.1	Part 1: General requirements (IEC 60204-1, Ed. 5 (FDIS) MOD)
		AS/NZS	
61310	Safety of machinery—Indication, marking and actuation	4024	Safety of machinery
61310-1	Part 1: Requirements for visual, acoustic and tactile signals	4024.1904	Part 1904: Displays, controls, actuators and signals—Indication, marking and actuation—Requirements for visual, auditory and tactile signals

The term 'informative' has been used in this Standard to define the application of the annex to which it applies. An 'informative' annex is only for information and guidance.

CONTENTS

AUSTRALIAN/NEW ZEALAND STANDARD

Safety of machinery

Part 1905:
Displays, controls, actuators and signals—Indication, marking and actuation—Requirements for marking

1 Scope

This part of IEC 61310 specifies requirements for the marking of machinery.

It gives general rules on marking for identification of machinery, for safe use related to mechanical and electrical hazards, and for the avoidance of hazards arising from incorrect connections.

2 Normative references

The following referenced documents are indispensable for the application 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.

IEC 60027-1:1992, *Letter symbols to be used in electrical technology – Part 1: General*

IEC 60027-2:2005, *Letter symbols to be used in electrical technology – Part 2: Telecommunications and electronics*

IEC 60027-3:2002, *Letter symbols to be used in electrical technology – Part 3: Logarithmic and related quantities, and their units*

IEC 60027-4:1985, *Letter symbols to be used in electrical technology – Part 4: Symbols for quantities to be used for rotating electrical machines*

IEC 60079-0:2004, *Electrical apparatus for explosive gas atmospheres – Part 0: General requirements*

IEC 60204-1:2005, *Safety of machinery – Electrical equipment of machines – Part 1: General requirements*

IEC 60417-DB, *Graphical symbols for use on equipment*

IEC 60529:1989, *Degrees of protection provided by enclosures (IP Code)*
Amendment 1 (1999)

IEC 61310-1, *Safety of machinery – Indication, marking and actuation – Part 1: Requirements for visual, acoustic and tactile signals*

ISO 31-0:1992, *Quantities and units – Part 0: General principles*

ISO 1000:1992, *SI units and recommendations for the use of their multiples and of certain other units*