

Australian Standard™

Safety of machinery

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

STANDARDS
Australia



This Australian Standard was prepared by Committee SF-041, General Principles for the Guarding of Machinery. It was approved on behalf of the Council of Standards Australia on 18 April 2006.
This Standard was published on 29 June 2006.

The following are represented on Committee SF-041:

Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Department for Administration and Information Services, SA
Department of Consumer and Employment Protection, WorkSafe Division, WA
Department of Primary Industries, Mine Safety, NSW
Engineers Australia
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Human Factors and Ergonomics Society of Australia
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Originally as part of AS 4024.1(Int)—1992.
Previous edition part of AS 4024.1—1996.
Revised in part and redesignated as AS 4024.1905—2006.

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Published by Standards Australia GPO Box 476, Sydney, NSW 2001, Australia

ISBN 0 7337 7429 6

PREFACE

This Standard was prepared by the Standards Australia Committee SF-041, General principles for the Guarding of Machinery to supersede, in part AS 4024.1—1996, *Safeguarding of machinery, Part 1: General principles*.

During its work, the Committee considered a number of Standards originating within the European Community in the field of safety of machinery. Many of these European Standards are being adopted virtually unchanged as International Standards by the International Organization for Standardization (ISO) and the Committee has agreed to continue to use material emanating from both CEN and ISO in this new edition. This action will maintain consistency with previous editions of AS 4024.1 and other machine-specific Australian Standards.

This edition has been published as a series rather than the single Standard previously published as AS 4024.1. In doing this, the Committee has cleared the way for simple revisions in the future. When a new edition of a relevant Standard becomes available at the international level, it will be adopted and published within the framework of AS 4024 with a minimum delay, so ensuring continued international alignment.

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

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STANDARDS AUSTRALIA

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Part 1905: Displays, controls, actuators and signals—Indication, marking
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1 SCOPE

This Standard 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 OBJECTIVE

The objective of this Standard is to enable designers, manufacturers, suppliers, employers and users of machinery to minimize risk to the health and safety of employees and others working with or otherwise near machinery by providing requirements for marking actuators.

3 REFERENCED DOCUMENTS

The following documents are referenced in this Standard.

AS ISO

1000 The international system of units (SI) and its application

AS

1046 Letter symbols to be used in electrotechnology

1046.1 Part 1: General

1046.2 Part 2: Telecommunications and electronics

1046.3 Part 3: Logarithmic quantities and units

1046.4 Part 4: Symbols for quantities to be used for rotating electrical machines

2900 Quantities and units

2900.0 Part 0: General principles

4024 Safety of machinery

4024.1201 Part 1201: General principles—Basic terminology and methodology

4024.1202 Part 1202: General principles—Technical principles

4024.1904 Part 1904: Displays, controls actuators and signals—Indication, marking and actuation—Requirements for visual, auditory and tactile signals

60204 Safety of machinery—Electrical equipment of machines

60204.1 Part 1: General requirements (IEC 60204-1, Ed.5 (FDIS) (MOD))

60417 Graphical symbols for use on equipment

60417.1 Part 1: Overview and application

60529 Degrees of protection provided by enclosures (IP Code)

AS/NZS

60079 Electrical apparatus for explosive gas atmospheres

60079.0 Part 0: General requirements