

## Australian/New Zealand Standard™

### Safety of machinery

### Part 1902: Displays, controls, actuators and signals—Ergonomic requirements for the design of displays and control actuators—Displays

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## **AS/NZS 4024.1902:2014**

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. This Standard was published on 30 June 2014.

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*This Standard was issued in draft form for comment as DR AS/NZS 4024.1902.*

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AS/NZS 4024.1902:2014

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### Part 1902: Displays, controls, actuators and signals—Ergonomic requirements for the design of displays and control actuators—Displays

Originated in Australia as part of AS 4024.1(Int)—1992.  
Previous edition AS 4024.1902—2006.  
Jointly revised and designated as AS/NZS 4024.1902:2014.

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ISBN 978 1 74342 761 3

## 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 4024.1902—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 give guidance on the selection, design and location of displays to avoid potential ergonomic hazards associated with their use. It covers visual, audible and tactile displays and applies to displays used in machinery for occupational and private use.

This Standard is identical with, and has been reproduced from EN 894-2:1997, *Safety of machinery—Ergonomics requirements for the design of displays and control actuators*, Part 2: *Displays*, and its Amendment 1 (2008). The start and finish of text introduced or altered by amendment is indicated in the text by tags  $\boxed{A_1}$   $\boxed{A_1}$ .

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

- (a) In the source text ‘this European Standard’ 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:

<i>Reference to International Standard</i>		<i>Australian/New Zealand Standard</i>	
		AS/NZS	
EN		4024	Safety of machinery
292	Safety of machinery—Basic concepts, general principles for design		
292-1	Part 1: Basic terminology, methodology	4024.1201	Part 1201: General principles for design—Risk assessment and risk reduction
292-2	Part 2: Technical principles and specifications	4024.1201	Part 1201: General principles for design—Risk assessment and risk reduction
614	Safety of machinery—Ergonomics design principles		
614-1	Part 1: Terminology and general principles	4024.1401	Part 1401: Ergonomic principles—Design principles—Terminology and general principles
61310	Safety of machinery—Indication, marking and actuation		
61310-1	Part 1: Requirements for visual, auditory and tactile signals (IEC 1310-1)	4024.1904	Part 1904: Displays, controls, actuators and signals—Indication, marking and actuation—Requirements for visual, auditory and tactile signals
61310-2	Part 2: Requirements for marking (IEC 1310-2)	4024.1905	Part 1905: Displays, controls, actuators and signals—Indication, marking and actuation—Requirements for marking

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

Introduction .....	4
1 Scope .....	4
2 Normative references .....	4
3 Definitions .....	4
4 Visual displays .....	5
4.1 Requirements for detection of visual displays .....	6
4.1.1 Positioning the display .....	6
4.1.2 Functional relationships between the display and the operator .....	7
4.1.3 Environmental factors .....	7
4.1.4 Other conditions to observe for facilitating signal detection .....	8
4.2 Requirements for identification of visual displays .....	8
4.2.1 Symbols used for displays .....	8
4.2.2 Digital displays .....	10
4.2.3 Analogue displays .....	10
4.2.4 Choice of scales for analogue displays .....	11
4.2.5 Choice of displays in relation to different types of tasks .....	14
4.2.6 Grouping displays .....	15
4.3 Requirements for interpretation of visual displays .....	16
5 Auditory displays .....	16
5.1 Requirements for detection of auditory displays .....	17
5.2 Requirements for identification of auditory displays .....	17
5.3 Requirements for interpretation of auditory displays .....	17
6 Tactile displays .....	18
6.1 Requirements for detection of tactile displays .....	18
6.2 Requirements for identification of tactile displays .....	18
6.3 Requirements for interpretation of tactile displays .....	18
Annex A (informative) Shape of digits .....	20
Annex ZA (informative) <b>ZA</b> Relationship between this European Standard and the Essential Requirements of EU Directive 98/37/EC, amended by 98/79/EC <b>ZA</b> .....	21
Annex ZB (informative) <b>ZB</b> Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC <b>ZB</b> .....	22

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