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Australian/New Zealand Standard™

Safety of machinery

Part 1901: Displays, controls, actuators and signals—Ergonomic requirements for the design of displays and control actuators—General principles for human interactions with displays and control actuators

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AS/NZS 4024.1901:2014

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.

The following are represented on Committee SF-041:

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This Standard was issued in draft form for comment as DR AS/NZS 4024.1901.

AS/NZS 4024.1901:2014

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Part 1901: Displays, controls, actuators and signals—Ergonomic requirements for the design of displays and control actuators—General principles for human interactions with displays and control actuators

Originated in Australia as part of AS 4024.1(Int)—1992.
Previous edition AS 4024.1901—2006.
Jointly revised and designated as AS/NZS 4024.1901:2014.

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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 4024.1901—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 the general principle for human interaction with displays and control actuators, to minimize operator errors, and to ensure an efficient interaction between the operator and the equipment.

This Standard is identical with, and has been reproduced from EN 894-1:1997, *Safety of machinery—Ergonomics requirements for the design of displays and control actuators*, Part 1: *General principles for human interactions with displays and control actuators*, and its Amendment 1 (2008). The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

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<i>Reference to International Standard</i>		<i>Australian/New Zealand Standard</i>	
EN		AS/NZS	
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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
418	Safety of machinery—Emergency stop equipment, functional aspects—Principles for design	4024.1604	Part 1604: Design of controls, interlocks and guarding—Emergency stop—Principles for design
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894	Safety of machinery—Ergonomics requirements for the design of displays and control actuators		
894-2	Part 2: Displays	4024.1902	Displays, controls, actuators and signals—Ergonomic requirements for the design of displays and control actuators—Displays
894-3	Part 3: Control actuators	4024.1903	Displays, controls, actuators and signals—Ergonomic requirements for the design of displays and control actuators—Control actuators

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.

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