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Australian/New Zealand Standard™

Safety of machinery

Part 1201: General principles for design—Risk assessment and risk reduction





AS/NZS 4024.1201:2014

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:

Australian Chamber of Commerce and Industry Australian Industry Group Australian Manufacturing Workers Union Department of Mines and Petroleum, WA Department of the Premier and Cabinet, SA Engineers Australia Federal Chamber of Automotive Industries Human Factors and Ergonomics Society of Australia Institute of Instrumentation, Control and Automation National Safety Council of Australia New Zealand Electrical Institute NSW Department of Trade and Investment, Regional Infrastructure and Services Safety Institute of Australia University of Melbourne Winery Engineering Association WorkCover New South Wales WorkSafe NZ WorkSafe Victoria

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This Standard was issued in draft form for comment as DR AS/NZS 4024.1201.

Australian/New Zealand Standard™

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Part 1201: General principles for design—Risk assessment and risk reduction

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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 4024.1201—2006, Safety of machinery, Part 1201: General principles—Basic terminology and methodology, and AS 4024.1301—2006, Safety of machinery, Part 1301: Risk assessment—Principles of risk assessment.

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 basic terminology, principles and methodology for achieving safety in the design of machinery. It specifies principles of risk assessment as it relates to safety of machinery, with procedures for identifying hazards and estimating, evaluating and minimizing risks.

This Standard is identical with, and has been reproduced from ISO 12100:2010, *Safety of machinery—General principles for design—Risk assessment and risk reduction.*

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

- (a) In the source text 'this International Standard' should read 'this Australian/New Zealand Standard'.
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Reference to International Standard		Australian/New Zealand Standard	
IEC		AS	
60204	Safety of machinery—Electrical	60204	Safety of machinery—Electrical
	equipment of machines		equipment of machines
60204-1	Part 1: General requirements	60204.1	General requirements (IEC 60204-1,
			Ed. 5 (FDIS) MOD)

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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