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Australian/New Zealand Standard™

Safety of machinery

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

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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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Department of Mines and Petroleum, WA
Department of the Premier and Cabinet, SA
Engineers Australia
Federal Chamber of Automotive Industries
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Australian/New Zealand Standard™

Safety of machinery

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'.

(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*	
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	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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