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AS/NZS 4024.1204:2019

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Australian/New Zealand Standard™

## **Safety of machinery — Electrical equipment of machines**

### **Part 1204: General requirements (IEC 60204-1:2016 (ED. 6.0) MOD)**



AS/NZS 4024.1204:2019

This Joint Australian/New Zealand Standard™ was prepared by Joint Technical Committee SF-041, Safety of Machinery. It was approved on behalf of the Council of Standards Australia on 11 June 2019 and by the New Zealand Standards Approval Board on 3 July 2019.

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The following are represented on Committee SF-041:

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- Australian Industry Group
- Australian Institute for Health and Safety
- Australian Manufacturing Technology Institute
- Australian Manufacturing Workers' Union
- Australian Packaging and Processing Machinery Association
- Engineers Australia
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This Standard was issued in draft form for comment as DR AS 4024.1204:2019.

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## Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee SF-041, Safety of Machinery, to supersede AS 60204.1—2005, *Safety of machinery — Electrical equipment of machines, Part 1: General requirements (IEC 60204-1, Ed. 5 (FDIS) MOD)*.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to adopt this Standard as an Australian/New Zealand Standard.

The objective of this Standard is to provide requirements and recommendations relating to the safety of electrical, electronic and programmable electronic equipment and systems to machines not portable by hand while working, including a group of machines working together in a coordinated manner. The equipment covered by this part of AS/NZS 4024 commences at the point of connection of the supply to the electrical equipment of the machine.

This part of AS/NZS 4024 does not cover all the requirements (for example, guarding, interlocking and control) that are needed or required by other parts of AS/NZS 4024 and regulations in order to protect persons from hazards other than electrical hazards. Each type of machine has unique requirements to be accommodated to provide adequate safety.

This Standard is an adoption with national modifications, and has been reproduced from, IEC 60204-1:2016, *Safety of machinery — Electrical equipment of machines — Part 1: General requirements*. The modifications are additional requirements and are set out in Appendix ZZ, which has been added at the end of the source text.

Appendix ZZ lists the variations to IEC 60204-1:2016 for the application of this Standard in Australia and New Zealand.

As this document has been reproduced from an International Standard, the following applies:

- (a) In the source text “this part of IEC 60204” should read “this Australian/New Zealand Standard”;
- (b) A full point substitutes for a comma when referring to a decimal marker.

Australian or Australian/New Zealand Standards that are identical adoptions of international normative references may be used interchangeably. Refer to the online catalogue for information on specific.

The terms “normative” and “informative” are used in Standards to define the application of the appendices or annexes to which they apply. A “normative” appendix or annex is an integral part of a Standard, whereas an “informative” appendix or annex is only for information and guidance.

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