

AS/NZS 4024.2901:2021



Australian/New Zealand Standard™

# Safety of machinery

**Part 2901: Electrical equipment of machines — Requirements for equipment for voltages above 1 000 V AC or 1 500 V DC and not exceeding 36 kV (IEC 60204 11:2018, MOD)**



AS/NZS 4024.2901:2021

This Joint Australian/New Zealand Standard™ was prepared by Joint Technical Committee SF-041, SF-041 Safety of Machinery. It was approved on behalf of the Council of Standards Australia on 04 June 2021 and by the New Zealand Standards Approval Board on 04 August 2021.

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The following are represented on Committee SF-041:

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- Australian Forest Products Association
- Australian Industry Group
- Australian Institute of Health and Safety
- Australian Manufacturing Technology Institute
- Australian Manufacturing Workers Union
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This Standard was issued in draft form for comment as DR AS/NZS 4024.2901:2021.

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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 60204.11-2006, *Safety of machinery — Electrical equipment of machines, Part 11: Requirements for HV equipment for voltages above 1 000 V a.c. or 1 500 V d.c and not exceeding 36 kV (IEC 60204-11, Ed. 1.0 (2000) MOD)*.

The objective of this document is to provide requirements and recommendations relating to electrical and electronic equipment and systems to machines, including a group of machines working together in a coordinated manner, which operate at nominal voltages above 1 000 V AC or 1 500 V DC and not exceeding 36 kV AC or DC with nominal frequencies not exceeding 60 Hz.

This document is a generic safety standard. It does not cover all the requirements (e.g. guarding, interlocking or control) which are needed or required by other standards or regulations in order to safeguard personnel from hazards other than electrical hazards. Each type of machine has unique requirements to be accommodated to provide adequate safety. Hazards as a result of noise and vibration are excluded from the scope of this document.

This document is an adoption with national modifications, and has been reproduced from, IEC 60204-11:2018, *Safety of machinery — Electrical equipment of machines — Part 11: Requirements for equipment for voltages above 1 000 V AC or 1 500 V DC and not exceeding 36 kV*. 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 60204-11:2018 for the application of this document in Australia and New Zealand.

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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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