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Safety of machinery

Part 3301: Robots and robotic devices—Safety requirements for industrial robots—Robots



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- Australian Industry Group
- Australian Manufacturing Workers Union
- Department of Industry, Skills and Regional Development (NSW)
- Engineers Australia
- Human Factors and Ergonomics Society of Australia
- Institute of Instrumentation, Control and Automation, Australia
- National Safety Council of Australia
- Safety Institute of Australia
- SafeWork NSW
- The University of Melbourne
- Winery Engineering Association
- Workplace Health and Safety Queensland
- WorkSafe Victoria

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Australian Standard®

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Part 3301: Robots and robotic devices—Safety requirements for industrial robots—Robots

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PREFACE

This Standard was prepared by the Standards Australia Committee SF-041, Safety of Machinery, to supersede AS 4024.3301—2009, Safety of machinery, Part 3301: Robots for industrial environments—Safety requirements.

The objective of this Standard is to specify requirements and guidelines for the inherent safe design, protective measures and information for use of industrial robots. It describes basic hazards associated with robots and provides requirements to eliminate, or adequately reduce, the risks associated with these hazards.

This Standard is identical with, and has been reproduced from, ISO 10218-1:2011, Robots and robotic devices—Safety requirements for industrial robots, Part 1: Robots.

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

(a) In the source text 'this part of ISO 10218' should read 'this Australian Standard'.

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The terms 'normative' and 'informative' have been used in this Standard to define the application of the annex to which they apply. A 'normative' annex is an integral part of a Standard, whereas an 'informative' annex is only for information and guidance.

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