



Safety of machinery

Part 3303: Robots and robotic devices—Collaborative robots



This Australian Standard® was prepared by Committee SF-041, Safety of Machinery. It was approved on behalf of the Council of Standards Australia on 8 June 2017. This Standard was published on 30 June 2017.

The following are represented on Committee SF-041:

- 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
 - Workplace Health and Safety Queensland
 - WorkSafe Victoria
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This Standard was issued in draft form for comment as DR AS 4024.3303:2017.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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Australian Standard[®]

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**Part 3303: Robots and robotic
devices—Collaborative robots**

First published as AS 4024.3303:2017.

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Published by SAI Global Limited under licence from Standards Australia Limited, GPO Box 476, Sydney, NSW 2001, Australia

ISBN 978 1 76035 845 7

PREFACE

This Standard was prepared by the Australian members of Joint Standards Australia/Standards New Zealand Committee SF-041, Safety of Machinery. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this Standard is to specify safety requirements for collaborative industrial robot systems and the work environment, and to supplement the requirements and guidance on collaborative industrial robot operation given in AS 4024.3301, *Safety of machinery, Part 3301: Robots and robotic devices—Safety requirements for industrial robots—Robots*, and AS 4024.3302, *Safety of machinery, Part 3302: Robots and robotic devices—Safety requirements for industrial robots—Robot systems and integration*. This Standard does not apply to non-industrial robots, although the safety principles presented can be useful to other areas of robotics.

This Standard is identical with, and has been reproduced from ISO/TS 15066:2016, *Robots and robotic devices—Collaborative robots*.

As this Standard is reproduced from an International Technical Specification, a full point substitutes for a comma when referring to a decimal marker.

None of the normative references in the source document have been adopted as Australian or Australian/New Zealand Standards.

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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