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AS 4024.3301:2017
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AS 4024.3301:2017

Australian STANDARD

Safety of machinery

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

STANDARDS Australia

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This Australian Standard® was prepared by Committee SF-041, Safety of Machinery. It was approved on behalf of the Council of Standards Australia on 30 April 2017.
This Standard was published on 13 June 2017.

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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

This Standard was issued in draft form for comment as DR AS 4024.3301:2017.

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®

Safety of machinery

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

Originated as AS 2939—1987.
AS 2939—1987 revised and redesignated as AS 4024.3301—2009.
Second edition 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 811 2

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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'.

(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 Standards.

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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CONTENTS

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 2

4 Hazard identification and risk assessment 6

5 Design requirements and protective measures 7
5.1 General 7
5.2 General requirements 7
5.3 Actuating controls 8
5.4 Safety-related control system performance (hardware/software) 8
5.5 Robot stopping functions 9
5.6 Speed control 11
5.7 Operational modes 11
5.8 Pendant controls 13
5.9 Control of simultaneous motion 15
5.10 Collaborative operation requirements 15
5.11 Singularity protection 16
5.12 Axis limiting 16
5.13 Movement without drive power 18
5.14 Provisions for lifting 18
5.15 Electrical connectors 18

6 Verification and validation of safety requirements and protective measures 19
6.1 General 19
6.2 Verification and validation methods 19
6.3 Required verification and validation 19

7 Information for use 20
7.1 General 20
7.2 Instruction handbook 20
7.3 Marking 21

Annex A (informative) **List of significant hazards** 23

Annex B (normative) **Stopping time and distance metric** 28

Annex C (informative) **Functional characteristics of three-position enabling device** 30

Annex D (informative) **Optional features** 31

Annex E (informative) **Labelling** 33

Annex F (normative) **Means of verification of the safety requirements and measures** 34

Bibliography 43

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