

AS 2939—1987

Australian Standard<sup>®</sup>

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**INDUSTRIAL ROBOT SYSTEMS—  
SAFE DESIGN AND USAGE**

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This Australian standard was prepared by Committee SF/32, Safeguarding of Machinery/Industrial Robots. It was approved on behalf of the Council of the Standards Association of Australia on 9 February 1987 and published on 2 March 1987.

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The following interests are represented on Committee SF/32:

Australian Chamber of Commerce  
Australian Electrical and Electronic Manufacturers Association  
Australian Robot Association  
Confederation of Australian Industry  
CSIRO, Division of Manufacturing Technology  
Department of Defence  
Department of Industrial Relations, New South Wales  
Department of Industry Technology and Commerce  
Department of Labour, Victoria  
Department of Labour and Industry, Tasmania  
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## PREFACE

This standard was prepared by the Association's Committee on Safeguarding of Machinery/Industrial Robots at the request of the Department of Employment and Industrial Affairs, Victoria and the Department of Industry Technology and Commerce, to provide suitable safeguarding requirements for industrial robot systems.

During preparation of this standard the Committee considered the following documents:

- (a) Safety Standard for Industrial Robots and Robot Systems, from the Robotic Industries Association, U.S.A.
- (b) Safeguarding Industrial Robots, Part 1—Basic principles, from the Machine Tool Trade Association, United Kingdom.

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