

Australian Standard[®]

Safety of machinery

Part 2801: Safety distances and safety gaps—Positioning of protective equipment with respect to the approach speed of parts of the human body



This Australian Standard® was prepared by Committee SF-041, General Principles for the Guarding of Machinery. It was approved on behalf of the Council of Standards Australia on 27 May 2008.

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The following are represented on Committee SF-041:

- Australian Chamber of Commerce and Industry
 - Australian Electrical and Electronic Manufacturers Association
 - Department for Administration and Information Services, SA
 - Department of Consumer and Employment Protection, WorkSafe Division, WA
 - Department of Industrial Relations, Qld
 - Department of Primary Industries, Mine Safety, NSW
 - Engineers Australia
 - Federal Chamber of Automotive Industries
 - Human Factors and Ergonomics Society of Australia
 - Institute of Instrumentation, Control and Automation Australia
 - National Electrical and Communications Association
 - National Safety Council of Australia
 - Office of the Australian Safety and Compensation Council
 - Safety Institute of Australia
 - The University of Melbourne
 - Tractor and Machinery Association of Australia
 - Victorian WorkCover Authority
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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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PREFACE

This Standard was prepared by the Standards Australia Committee SF-041, General Principles for the Guarding of Machinery to supersede, (in part), AS 4024.2—1998, *Safeguarding of machinery, Part 2: Installation and commissioning requirements for electro-sensitive systems—Optoelectronic devices*.

In common with other Parts of AS 4024, this Standard is based upon documents originating within the European Community in the field of safety of machinery. Many of these European Standards are being adopted virtually unchanged as International Standards by the International Organization for Standardization (ISO) and the committee has agreed to continue to use material emanating from both CEN and ISO.

The Standard is based upon but not equivalent to ISO 13855:2002 *Safety of machinery—Positioning of protective equipment with respect to the approach of parts of the human body*.

The term ‘informative’ has been used in this Standard to define the application of the appendix to which it applies. An ‘informative’ appendix is only for information and guidance.

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