



Safety of machinery

Part 2802: Application of protective equipment to detect the presence of persons



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Australian Standard[®]

Safety of machinery

**Part 2802: Application of protective
equipment to detect the presence of
persons**

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PREFACE

This Standard was prepared by the Standards Australia Committee SF-041. Safety of Machinery.

The objective of this Standard is to specify the requirements for the selection, positioning, configuration and commissioning of protective equipment to detect the presence of persons in order to protect those persons from dangerous part(s) of machinery in industrial applications.

This Standard is identical with, and has been reproduced from IEC TS 62046:2008, *Safety of machinery—Application of protective equipment to detect the presence of persons*.

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

- (a) In the source text ‘this Technical Specification’ should read ‘this Australian Standard’.
- (b) 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.

NOTES

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FOREWORD

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Technical specifications are subject to review within three years of publication to decide whether they can be transformed into International Standards.

IEC 62046, which is a technical specification, has been prepared by IEC technical committee 44: Safety of machinery – Electrotechnical aspects.

This second edition cancels and replaces the first edition issued in 2004. This second edition constitutes a general technical revision of the first edition, and includes further examples of interfacing and muting techniques.

The text of this technical specification is based on the following documents:

Enquiry draft	Report on voting
44/534/DTS	44/552B/RVC

Full information on the voting for the approval of this technical specification can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- transformed into an International standard,
- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

INTRODUCTION

This Technical Specification provides information on the application of protective equipment, which employs a sensing device(s) to detect person(s) in or approaching an area, in order to reduce or minimize a risk from hazardous parts of machinery, without providing a physical barrier.

The objective of this specification is to assist: standards writing committees responsible for developing machine standards ("C" Standards), machine designers, manufacturers and refurbishers, machine safety certification organizations, workplace authorities and others on the proper application of protective equipment to machinery.

Figures 1 and 2 show the general context and the intended use of this specification.

Clauses 1 to 5, 7 and 8 of this specification apply to all protective equipment included in the scope, Clause 6 contains guidance for the application of specific kinds of protective equipment.

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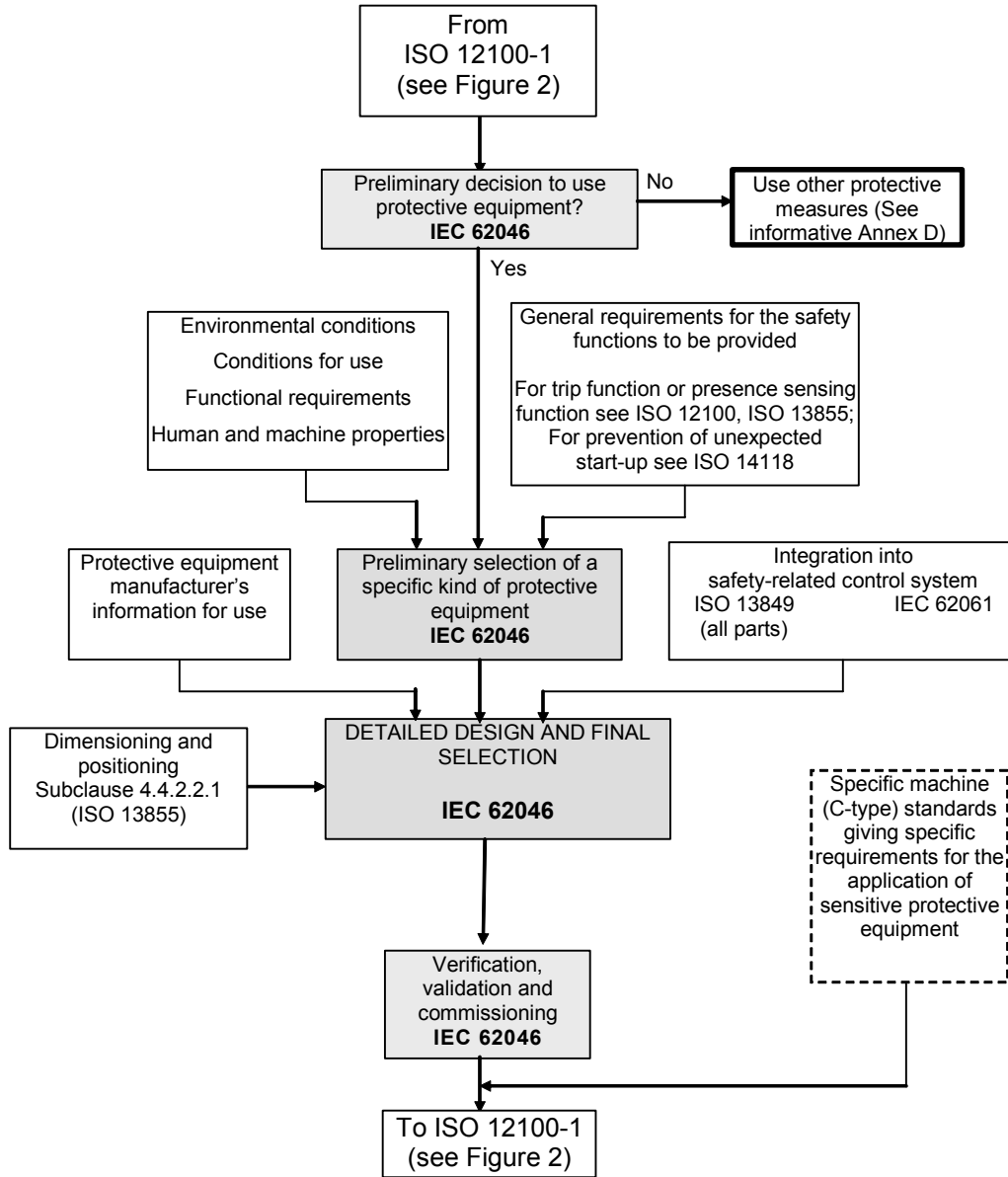


Figure 1 – Relationship of this Technical Specification to other standards

(see also Figure 2)

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