## INTERNATIONAL STANDARD

ISO 14120

First edition 2002-02-01

# Safety of machinery — Guards — General requirements for the design and construction of fixed and movable guards

Sécurité des machines — Protecteurs — Prescriptions générales pour la conception et la construction des protecteurs fixes et mobiles



Reference number ISO 14120:2002(E)

### **PDF** disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

### © ISO 2002

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.ch
Web www.iso.ch

Printed in Switzerland

## **Contents** Page Foreword......iv Introduction......v 1 Scope ......1 2 3 Terms and definitions \_\_\_\_\_\_2 4 Risk assessment 9 5 Principal requirements for the design and construction of guards......9 6 Selection of types of guards .......15 7 Additional design and construction considerations .......18 8 9 Annex A (normative) Guidelines to assist in the selection of guards against hazards generated by moving parts \_\_\_\_\_\_22 Annex B (normative) Guidelines for the selection of guards according to the number and location of

Annex C (informative) Relationship between International Standards referenced in clause 2 and

corresponding European Standards .......25