

BS EN ISO 12100:2010
Incorporating corrigendum January 2011



BSI Standards Publication

Safety of machinery — General principles for design — Risk assessment and risk reduction (ISO 12100:2010)

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National foreword

This British Standard is the UK implementation of EN ISO 12100:2010. It supersedes BS EN ISO 12100-1:2003+A1:2009, BS EN ISO 12100-2:2003+A1:2009 and BS EN ISO 14121-1:2007 which are withdrawn.

The UK participation in its preparation was entrusted to Technical Committee MCE/3, Safeguarding of machinery.

A list of organizations represented on this committee can be obtained on request to its secretary.

This standard was formed by combining the latest versions of ISO 12100-1:2003, ISO 12100-2:2003 and ISO 14121-1:2007 without introducing technical changes. Although efforts were made to maintain a balance between the emphases of these individual standards, some compromises have been made. For example, whereas Clause 4 of ISO 12100-1 included requirements and supplementary information for hazard identification, ISO 12100 has adopted the approach of ISO 14121-1 by separating the requirements (see Subclause 5.4) from supplementary information (see informative Annex B). This compromise in no way indicates that the identification of hazards has been given a reduced prominence, as it remains a vital stage in the process of designing safe machinery.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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ISBN 978 0 580 74262 0

ICS 13.110

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 December 2010.

Amendments issued since publication

Date	Text affected
31 January 2011	Correction to pagination

EUROPEAN STANDARD

EN ISO 12100

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2010

ICS 13.110

Supersedes EN ISO 12100-1:2003, EN ISO 12100-2:2003, EN ISO 14121-1:2007

English Version

Safety of machinery - General principles for design - Risk assessment and risk reduction (ISO 12100:2010)

Sécurité des machines - Principes généraux de conception
- Appréciation du risque et réduction du risque (ISO
12100:2010)

Sicherheit von Maschinen - Allgemeine
Gestaltungsleitsätze - Risikobewertung und
Risikominderung (ISO 12100:2010)

This European Standard was approved by CEN on 9 October 2010.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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