

Safety of machinery — Indication, marking and actuation —

Part 2: Requirements for marking

ICS 13.110; 29.020

National foreword

This British Standard is the UK implementation of EN 61310-2:2008. It is identical to IEC 61310-2:2007. It supersedes BS EN 61310-2:1995 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee MCE/3, Safety of machinery — Electrotechnical aspects.

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

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

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 28 February 2009

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ISBN 978 0 580 54538 2

Amendments/corrigenda issued since publication

Date	Comments

English version

**Safety of machinery -
Indication, marking and actuation -
Part 2: Requirements for marking
(IEC 61310-2:2007)**

Sécurité des machines -
Indication, marquage et manoeuvre -
Partie 2: Exigences pour le marquage
(CEI 61310-2:2007)

Sicherheiten von Maschinen -
Anzeigen, Kennzeichen und Bedienen -
Teil 2: Anforderungen
an die Kennzeichnung
(IEC 61310-2:2007)

This European Standard was approved by CENELEC on 2007-12-01. CENELEC 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 Central Secretariat or to any CENELEC 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 CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

The text of document 44/541/FDIS, future edition 2 of IEC 61310-2, prepared by IEC TC 44, Safety of machinery - Electrotechnical aspects, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61310-2 on 2007-12-01.

This European Standard supersedes EN 61310-2:1995.

EN 61310-2:2007 includes the following significant technical changes with respect to EN 61310-2:1995:

- Annex A: additional safety signs included and updated.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2008-09-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2010-12-01

This European Standard has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association and covers essential requirements of EC Directives MD (98/37/EC) and MD (2006/42/EC). See Annex ZZ.

Annexes ZA and ZZ have been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61310-2:2007 was approved by CENELEC as a European Standard without any modification.

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SAFETY OF MACHINERY – INDICATION, MARKING AND ACTUATION –

Part 2: Requirements for marking

1 Scope

This part of IEC 61310 specifies requirements for the marking of machinery.

It gives general rules on marking for identification of machinery, for safe use related to mechanical and electrical hazards, and for the avoidance of hazards arising from incorrect connections.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60027-1:1992, *Letter symbols to be used in electrical technology – Part 1: General*

IEC 60027-2:2005, *Letter symbols to be used in electrical technology – Part 2: Telecommunications and electronics*

IEC 60027-3:2002, *Letter symbols to be used in electrical technology – Part 3: Logarithmic and related quantities, and their units*

IEC 60027-4:1985, *Letter symbols to be used in electrical technology – Part 4: Symbols for quantities to be used for rotating electrical machines*

IEC 60079-0:2004, *Electrical apparatus for explosive gas atmospheres – Part 0: General requirements*

IEC 60204-1:2005, *Safety of machinery – Electrical equipment of machines – Part 1: General requirements*

IEC 60417-DB, *Graphical symbols for use on equipment*

IEC 60529:1989, *Degrees of protection provided by enclosures (IP Code)*
Amendment 1 (1999)

IEC 61310-1, *Safety of machinery – Indication, marking and actuation – Part 1: Requirements for visual, acoustic and tactile signals*

ISO 31-0:1992, *Quantities and units – Part 0: General principles*

ISO 1000:1992, *SI units and recommendations for the use of their multiples and of certain other units*