



National Standards Authority of Ireland  
Údarás um Chaighdeáin Náisiúnta na hÉireann

IRISH STANDARD

**I.S. EN 61310-3:2008**

ICS 13.110

**"SAFETY OF MACHINERY - INDICATION,  
MARKING AND ACTUATION -- PART 3:  
REQUIREMENTS FOR THE LOCATION AND  
OPERATION OF ACTUATORS" (IEC 61310  
-3:2007 (EQV))**

National Standards  
Authority of Ireland  
Glasnevin, Dublin 9  
Ireland

Tel: +353 1 807 3800  
Fax: +353 1 807 3838  
<http://www.nsai.ie>

**Sales**

<http://www.standards.ie>

*This Irish Standard was  
published under the authority  
of the National Standards  
Authority of Ireland and  
comes into effect on:  
10 April 2008*

**NO COPYING WITHOUT NSAI  
PERMISSION EXCEPT AS  
PERMITTED BY COPYRIGHT  
LAW**

© NSAI 2008

**Price Code J**

Údarás um Chaighdeáin Náisiúnta na hÉireann

*This page is intentionally left BLANK.*

English version

**Safety of machinery -  
Indication, marking and actuation -  
Part 3: Requirements for the location and operation of actuators  
(IEC 61310-3:2007)**

Sécurité des machines -  
Indication, marquage et manoeuvre -  
Partie 3: Exigences sur la position  
et le fonctionnement des organes  
de commande  
(CEI 61310-3:2007)

Sicherheit von Maschinen -  
Anzeigen, Kennzeichen und Bedienen -  
Teil 3: Anforderungen an die Anordnung  
und den Betrieb von Bedienteilen  
(Stellteilen)  
(IEC 61310-3:2007)

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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

**CENELEC**

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

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

## I.S. EN 61310-3:2008

EN 61310-3:2008

– 2 –

### Foreword

The text of document 44/542/FDIS, future edition 2 of IEC 61310-3, 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 61310-3 on 2007-12-01.

This European Standard supersedes EN 61310-3:1999.

EN 61310-3:2007 includes the following significant technical changes with respect to EN 61310-3:1999:

- Table 1, Table 2 and Table A.1 have been revised editorially.

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 61310-3:2007 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60204-1	NOTE	Harmonized as EN 60204-1:2006 (modified).
IEC 60947-5-5	NOTE	Harmonized as EN 60947-5-5:1997 + A1:2005 (not modified).
ISO 12100-1	NOTE	Harmonized as EN ISO 12100-1:2003 (not modified).
ISO 13850	NOTE	Harmonized as EN ISO 13850:2006 (not modified).

---

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

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.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60073	2002	Basic and safety principles for man-machine interface, marking and identification - Coding principles for indicators and actuators	EN 60073	2002
IEC 60447	2004	Basic and safety principles for man-machine interface, marking and identification - Actuating principles	EN 60447	2004
IEC 61310-1	– <sup>1)</sup>	Safety of machinery - Indication, marking and actuation - Part 1: Requirements for visual, acoustic and tactile signals	EN 61310-1	2008 <sup>2)</sup>
IEC 61310-2	– <sup>1)</sup>	Safety of machinery - Indication, marking and actuation - Part 2: Requirements for marking	EN 61310-2	2008 <sup>2)</sup>
ISO 1503	1977	Geometrical orientation and directions of movements	–	–
ISO 9355-2	1999	Ergonomic requirements for the design of displays and control actuators - Part 2: Displays	–	–
ISO 12100-2	2003	Safety of machinery - Basic concepts, general principles for design - Part 2: Technical principles	EN ISO 12100-2	2003
ISO 13851	2002	Safety of machinery - Two-hand control devices - Functional aspects and design principles	–	–

---

<sup>1)</sup> Undated reference.

<sup>2)</sup> Valid edition at date of issue.

**Annex ZZ**  
(informative)

**Coverage of Essential Requirements of EC Directives**

**Annex ZZA**  
(informative)

**Coverage of Essential Requirements of Directive 98/37/EC**

This European Standard has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association and within its scope the standard covers the following essential requirements out of those given in Annex I of the EC Directive 98/37/EC, amended by Directive 98/79/EC:

- ER 1.2.2.

Compliance with this standard provides one means of conformity with the specified essential requirements of the Directive concerned.

**WARNING:** Other requirements and other EC Directives may be applicable to the products falling within the scope of this standard.

**Annex ZZB**  
(informative)

**Coverage of Essential Requirements of Directive 2006/42/EC**

This European Standard has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association and within its scope the standard covers the following essential requirements out of those given in Annex I of the EC Directive 2006/42/EC:

- ER 1.2.2.

Compliance with this standard provides one means of conformity with the specified essential requirements of the Directive concerned.

**WARNING:** Other requirements and other EC Directives may be applicable to the products falling within the scope of this standard.

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

- 
- Looking for additional Standards? Visit Intertek Inform Infostore
  - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-