



National Standards Authority of Ireland

IRISH STANDARD

**I.S. TS 61496-2:2003**

ICS 31.260

**SAFETY OF MACHINERY -  
ELECTRO-SENSITIVE PROTECTIVE  
EQUIPMENT PART 2: PARTICULAR  
REQUIREMENTS FOR EQUIPMENT USING  
ACTIVE OPTO-ELECTRONIC PROTECTIVE  
DEVICES (AOPD) (IEC 61496-2:1997)**

National Standards  
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TECHNICAL SPECIFICATION

**CLC/TS 61496-2**

SPECIFICATION TECHNIQUE

TECHNISCHE SPEZIFIKATION

December 2003

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ICS 31.260

English version

**Safety of machinery –  
Electro-sensitive protective equipment  
Part 2: Particular requirements for equipment  
using active opto-electronic protective devices (AOPD)  
(IEC 61496-2:1997)**

Sécurité des machines –  
Équipement de protection électrosensible  
Partie 2: Prescriptions particulières  
à un équipement utilisant des dispositifs  
protecteurs optoélectroniques actifs  
(AOPD)  
(CEI 61496-2:1997)

Sicherheit von Maschinen –  
Berührungslos wirkende  
Schutzeinrichtungen  
Teil 2: Besondere Anforderungen an  
Einrichtungen, welche nach dem aktiven  
optoelektronischen Prinzip arbeiten  
(IEC 61496-2:1997)

This Technical Specification was approved by CENELEC on 2003-09-15.

CENELEC members are required to announce the existence of this TS in the same way as for an EN and to make the TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Lithuania, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and 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**

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## **Foreword**

The text of the International Standard IEC 61496-2:1997, prepared by IEC TC 44, Safety of machinery - Electrotechnical aspects, was submitted to the formal vote and was approved by CENELEC as CLC/TS 61496-2 on 2003-09-15 without any modification.

The following date was fixed:

- latest date by which the existence of the CLC/TS  
has to be announced at national level (doa) 2004-03-16

Annex ZA has been added by CENELEC.

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## **Endorsement notice**

The text of the International Standard IEC 61496-2:1997 was approved by CENELEC as a Technical Specification without any modification.

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**Annex ZA**  
(normative)

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

This Technical Specification incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this Technical Specification only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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 60825-1	1993	Safety of laser products Part 1: Equipment classification, requirements and user's guide	EN 60825-1 + corr. February	1994 1995

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**61496-2**

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**Sécurité des machines –  
Équipement de protection électrosensible –**

**Partie 2:  
Prescriptions particulières à un équipement  
utilisant des dispositifs protecteurs  
optoélectroniques actifs (AOPD)**

**Safety of machinery –  
Electro-sensitive protective equipment –**

**Part 2:  
Particular requirements for equipment using active  
opto-electronic protective devices (AOPDs)**



Numéro de référence  
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