



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)**

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Údarás um Chaighdeáin Náisiúnta na hÉireann

TECHNICAL SPECIFICATION

CLC/TS 61496-2

SPECIFICATION TECHNIQUE

TECHNISCHE SPEZIFIKATION

December 2003

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

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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.

Endorsement notice

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

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

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

**Partie 2:
Prescriptions particulières à un équipement
utilisant des dispositifs protecteurs
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**Safety of machinery –
Electro-sensitive protective equipment –**

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



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