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I.S. CLC/TS 62046:2005

ICS 13.110

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SAFETY OF MACHINERY- APPLICATION OF PROTECTIVE EQUIPMENT TO DETECT THE PRESENCE OF PERSONS (IEC 62046:2004)

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TECHNICAL SPECIFICATION **CLC/TS 62046**

SPECIFICATION TECHNIQUE

TECHNISCHE SPEZIFIKATION June 2005

ICS 13.110

English version

Safety of machinery – Application of protective equipment to detect the presence of persons
(IEC 62046:2004)

Sicherheit von Maschinen –
Anwendung von Schutzausrüstungen zur Anwesenheitserkennung von Personen
(IEC 62046:2004)

This Technical Specification was approved by CENELEC on 2004-08-28.

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.

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CENELEC

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

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Ref. No. CLC/TS 62046:2005 E

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Foreword

The text of the Technical Specification IEC/TS 62046:2004, prepared by IEC TC 44, Safety of machinery, was submitted to the formal vote and was approved by CENELEC as CLC/TS 62046 on 2004-08-28.

The following date was fixed:

– latest date by which the existence of the CLC/TS has to be announced at national level (doa) 2005-09-01

Annex ZA has been added by CENELEC.

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Endorsement notice

The text of the Technical Specification IEC/TS 62046:2004 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

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

Publication	Year	Title	EN/HD	Year
–	–	Safety of machinery - Electro-sensitive protective equipment - Passive infra-red protective devices (PIPDs)	CLC/TS 50418	2004
IEC 60204-1	1997	Safety of machinery - Electrical equipment of machines Part 1: General requirements	EN 60204-1	1997
IEC 61496-1 (mod)	2004	Safety of machinery - Electro-sensitive protective equipment Part 1: General requirements and tests	EN 61496-1	2004
IEC 61496-2	1997	Part 2: Particular requirements for equipment using active opto-electronic protective devices (AOPD)	CLC/TS 61496-2	2003
IEC 61496-3	2001	Part 3: Particular requirements for Active Opto-electronic Protective Devices responsive to Diffuse Reflection (AOPDDR)	EN 61496-3	2001
IEC 62061	2005	Safety of machinery - Functional safety of electrical, electronic and programmable control systems	EN 62061	2005
ISO 12100-1	2003	Safety of machinery Basic concepts, general principles for design Part 1: Basic terminology, methodology	EN ISO 12100-1	2003
ISO 12100-2	2003	Part 2: Technical principles	EN ISO 12100-2	2003
ISO 13849-1	1999	Safety of machinery - Safety-related parts of control systems Part 1: General principles for design	-	-
ISO 13855	2002	Safety of machinery Positioning of protective equipment with respect to the approach speeds of parts of the human body	-	-
ISO 13856-1	2001	Safety of machinery Pressure-sensitive protective devices Part 1: General principles for design and testing of pressure-sensitive mats and pressure-sensitive floors	-	-

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Publication	Year	Title	EN/HD	Year
ISO 14118	2000	Safety of machinery Prevention of unexpected start-up	-	-
ISO 14121	1999	Safety of machinery Principles of risk assessment	-	-

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