



**NSAI**  
Standards

Irish Standard  
I.S. EN IEC 62046:2018

# Safety of machinery - Application of protective equipment to detect the presence of persons

**I.S. EN IEC 62046:2018**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

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*This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):*

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EN IEC 62046:2018

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## National Foreword

I.S. EN IEC 62046:2018 is the adopted Irish version of the European Document EN IEC 62046:2018, Safety of machinery - Application of protective equipment to detect the presence of persons

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

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*In line with international standards practice the decimal point is shown as a comma (,) throughout this document.*

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EUROPEAN STANDARD

**EN IEC 62046**

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2018

ICS 13.110

Supersedes CLC/TS 62046:2008

English Version

**Safety of machinery - Application of protective equipment to  
detect the presence of persons  
(IEC 62046:2018)**

Sécurité des machines - Application des équipements de  
protection à la détection de la présence de personnes  
(IEC 62046:2018)

Sicherheit von Maschinen - Anwendung von  
Schutzausrüstungen zur Anwesenheitserkennung von  
Personen  
(IEC 62046:2018)

This European Standard was approved by CENELEC on 2018-05-02. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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



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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN IEC 62046:2018****European foreword**

The text of document 44/803/FDIS, future edition 1 of IEC 62046, prepared by IEC/TC 44 "Safety of machinery - Electrotechnical aspects" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62046:2018.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2019-02-02
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-05-02

This document supersedes CLC/TS 62046:2008.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

**Endorsement notice**

The text of the International Standard IEC 62046:2018 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 60947-4-1	NOTE	Harmonized as EN 60947-4-1.
IEC 61496-1	NOTE	Harmonized as EN 61496-1.
IEC 61496-2	NOTE	Harmonized as EN 61496-2.
IEC 61496-3	NOTE	Harmonized as EN 61496-3.
ISO 13854	NOTE	Harmonized as EN ISO 13854.
ISO 13856 Series	NOTE	Harmonized as EN ISO 13856 Series.
ISO 13856-1:2013	NOTE	Harmonized as EN ISO 13856-1:2013 (not modified).
ISO 13856-2:2013	NOTE	Harmonized as EN ISO 13856-2:2013 (not modified).
ISO 13856-3:2013	NOTE	Harmonized as EN ISO 13856-3:2013 (not modified).
ISO 13857	NOTE	Harmonized as EN ISO 13857.
ISO 14118:2017	NOTE	Harmonized as EN ISO 14118:2018 (not modified).
ISO 14119:2013	NOTE	Harmonized as EN SO 14119:2013 (not modified).
ISO 14120:2015	NOTE	Harmonized as EN ISO 14120:2015 (not modified).

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