



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 61241-17:2005**

ICS 29.260.20

**ELECTRICAL APPARATUS FOR USE IN THE  
PRESENCE OF COMBUSTIBLE DUST PART  
17: INSPECTION AND MAINTENANCE OF  
ELECTRICAL INSTALLATIONS IN  
HAZARDOUS AREAS (OTHER THAN MINES)  
(IEC 61241-17:2005)**

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EUROPEAN STANDARD

**EN 61241-17**

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2005

ICS 29.260.20

Partly supersedes EN 50281-1-2:1998 + A1:2002

English version

**Electrical apparatus for use in the presence of combustible dust  
Part 17: Inspection and maintenance of electrical installations  
in hazardous areas (other than mines)  
(IEC 61241-17:2005)**

Matériels électriques pour utilisation  
en présence de poussières combustibles  
Partie 17: Inspection et maintenance  
des installations électriques situées  
en emplacements dangereux  
(autres que les mines)  
(CEI 61241-17:2005)

Elektrische Betriebsmittel zur Verwendung  
in Bereichen mit brennbarem Staub  
Teil 17: Prüfung und Instandhaltung  
elektrischer Anlagen in  
explosionsgefährdeten Bereichen  
(ausgenommen Grubenbaue)  
(IEC 61241-17:2005)

This European Standard was approved by CENELEC on 2005-04-01. 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, 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**

## Foreword

The text of document 31H/191/FDIS, future edition 1 of IEC 61241-17, prepared by SC 31H, Apparatus for use in the presence of combustible dust, of IEC TC 31, Electrical apparatus for explosive atmospheres, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61241-17 on 2005-04-01.

This European Standard, together with EN 61241-1-14:2004, supersedes EN 50281-1-2:1998 + corrigendum December 1999 + A1:2002.

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) 2006-01-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2008-04-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 61241-17:2005 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 60079-0	NOTE	Harmonized as EN 60079-0:2004 (not modified).
IEC 60079-17	NOTE	Harmonized as EN 60079-17:2003 (not modified).
IEC 60204-1	NOTE	Harmonized as EN 60204-1:1997 (not modified).
IEC 61241-1	NOTE	Harmonized as EN 61241-1:2004 (not modified).
IEC 61241-18	NOTE	Harmonized as EN 61241-18:2004 (not modified).

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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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60079-14	2002	Electrical apparatus for explosive gas atmospheres Part 14: Electrical installations in hazardous areas (other than mines)	EN 60079-14	2003
IEC 60364-6-61	- 1)	Electrical installations of buildings Part 6-61: Verification - Initial verification	-	-
IEC 61241-4	- 1)	Electrical apparatus for use in the presence of combustible dust Part 4: Type of protection 'pD'	-	-
IEC 61241-10	- 1)	Part 10: Classification of areas where combustible dusts are or may be present	EN 61241-10	2004 2)
IEC 61241-11	- 3)	Part 11: Intrinsically safe apparatus 'iD'	-	-
IEC 61241-14	2004	Part 14: Selection and installation	EN 61241-14	2004

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1) Undated reference.

2) Valid edition at date of issue.

3) At draft stage.



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