



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 50281-1-1:1999

ICS 29.260.20

**ELECTRICAL APPARATUS FOR USE IN THE  
PRESENCE OF COMBUSTIBLE DUST.  
PART 1-1: ELECTRICAL APPARATUS  
PROTECTED BY ENCLOSURES  
CONSTRUCTION AND TESTING**

National Standards  
Authority of Ireland  
Dublin 9  
Ireland

Tel. (01) 807 3800  
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*This Irish Standard was  
published under the  
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Standards Authority of  
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and comes into effect on  
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EUROPEAN STANDARD

**EN 50281-1-1/A1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2002

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ICS 29.260.20

English version

**Electrical apparatus for use in the presence of combustible dust  
Part 1-1: Electrical apparatus protected by enclosures -  
Construction and testing**

Matériels électriques destinés à être  
utilisés en présence de poussières  
combustibles  
Partie 1-1: Matériels électriques  
protégés par enveloppes -  
Construction et essais

Elektrische Betriebsmittel zur Verwendung  
in Bereichen mit brennbarem Staub  
Teil 1-1: Elektrische Betriebsmittel  
mit Schutz durch Gehäuse -  
Konstruktion und Prüfung

This amendment A1 modifies the European Standard EN 50281-1-1:1998; it was approved by CENELEC on 2001-12-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 amendment 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, 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

This amendment to the European Standard EN 50281-1-1:1998 was prepared by the Technical Committee CENELEC TC 31, Electrical apparatus for explosive atmospheres - General requirements.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as amendment A1 to EN 50281-1-1:1998 on 2001-12-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented  
at national level by publication of an identical  
national standard or by endorsement (dop) 2002-12-01
- latest date by which the national standards conflicting  
with the amendment have to be withdrawn (dow) 2004-12-01

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### 4.10 Radiating equipment

4.10.1 **Replace** the first indent by:

- 5 mW/mm<sup>2</sup> or 35 mW total for continuous wave lasers and other continuous wave sources, and

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NORME EUROPÉENNE  
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**EN 50281-1-1**

September 1998

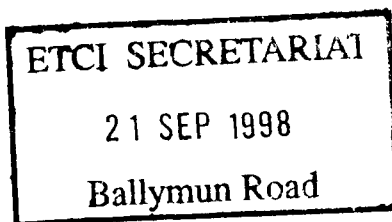
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