



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60079-10:2003

ICS 29.260.20

**ELECTRICAL APPARATUS FOR EXPLOSIVE
GAS ATMOSPHERES
PART 10: CLASSIFICATION OF HAZARDOUS
AREAS
(IEC 60079-10:2002)**

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EUROPEAN STANDARD

EN 60079-10

NORME EUROPÉENNE

EUROPÄISCHE NORM

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ICS 29.260.20

Supersedes EN 60079-10:1996

English version

Electrical apparatus for explosive gas atmospheres
Part 10: Classification of hazardous areas
(IEC 60079-10:2002)

Matériel électrique pour atmosphères
explosives gazeuses
Partie 10: Classement des emplacements
dangereux
(CEI 60079-10:2002)

Elektrische Betriebsmittel für
gasexplosionsgefährdete Bereiche
Teil 10: Einteilung der
explosionsgefährdeten Bereiche
(IEC 60079-10:2002)

This European Standard was approved by CENELEC on 2002-12-01. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, 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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of the International Standard IEC 60079-10:2002, prepared by SC 31J, Classification of hazardous areas and installation requirements, of IEC TC 31, Electrical apparatus for explosive atmospheres, was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 60079-10 on 2002-12-01 without any modification.

This European Standard supersedes EN 60079-10:1996.

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) 2003-12-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2005-12-01

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, Annex ZA is normative and Annexes A, B and C are informative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60079-10:2002 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

This European Standard 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 European Standard 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 60050-426	1990	International Electrotechnical Vocabulary (IEV) Chapter 426: Electrical apparatus for explosive atmospheres	-	-
IEC 60079-4	1975	Electrical apparatus for explosive gas atmospheres Part 4: Method of test for ignition temperature	-	-
IEC 60079-4A	1970	Part 4: Method of test for ignition temperature – First supplement	-	-
IEC 60079-20	1996	Part 20: Data for flammable gases and vapours, relating to the use of electrical apparatus	-	-

**NORME
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**Matériel électrique pour atmosphères
explosives gazeuses –**

**Partie 10:
Classement des emplacements dangereux**

**Electrical apparatus for explosive gas
atmospheres –**

**Part 10:
Classification of hazardous areas**



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