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I.S. EN 60079-20-1:2010

Explosive atmospheres - Part 20-1: Material characteristics for gas and vapour classification - Test methods and data

I.S. EN 60079-20-1:2010

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EUROPÄISCHE NORM

EN 60079-20-1

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ICS 29.260.20

English version

**Explosive atmospheres -
Part 20-1: Material characteristics for gas and vapour classification -
Test methods and data
(IEC 60079-20-1:2010)**

Atmosphères explosives -
Partie 20-1: Caractéristiques
des substances pour le classement
des gaz et des vapeurs -
Méthodes et données d'essai
(CEI 60079-20-1:2010)

Explosionsfähige Atmosphären -
Teil 20-1: Stoffliche Eigenschaften
zur Klassifizierung von Gasen
und Dämpfen -
Prüfmethoden und Daten
(IEC 60079-20-1:2010)

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CENELEC

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

Central Secretariat: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 31/837/FDIS, future edition 1 of IEC 60079-20-1, prepared by IEC TC 31, Equipment for explosive atmospheres, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60079-20-1 on 2010-02-01.

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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) 2010-11-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2013-02-01

This European Standard has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association and covers essential requirements of EC Directive 94/9/EC. See Annex ZZ.

Annexes ZA and ZZ have been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60079-20-1:2010 was approved by CENELEC as a European Standard without any modification.

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 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 60079-11	-	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"	EN 60079-11	-
IEC 60079-14	-	Explosive atmospheres - Part 14: Electrical installations design, selection and erection	EN 60079-14	-

Annex ZZ (informative)

Coverage of Essential Requirements of EC Directives

This European Standard has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association and within its scope the standard covers only the following essential requirements out of those given in Annex II of the EC Directive 94/9/EC:

- Essential Requirement 1.0.1
- Essential Requirement 1.2.1, 1.2.3, 1.2.9
- Essential Requirement 1.5.7

Compliance with this standard provides one means of conformity with the specified essential requirements of the Directive(s) concerned.

WARNING: Other requirements and other EC Directives may be applicable to the products falling within the scope of this standard.



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INTERNATIONAL STANDARD

NORME INTERNATIONALE

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**Atmosphères explosives –
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