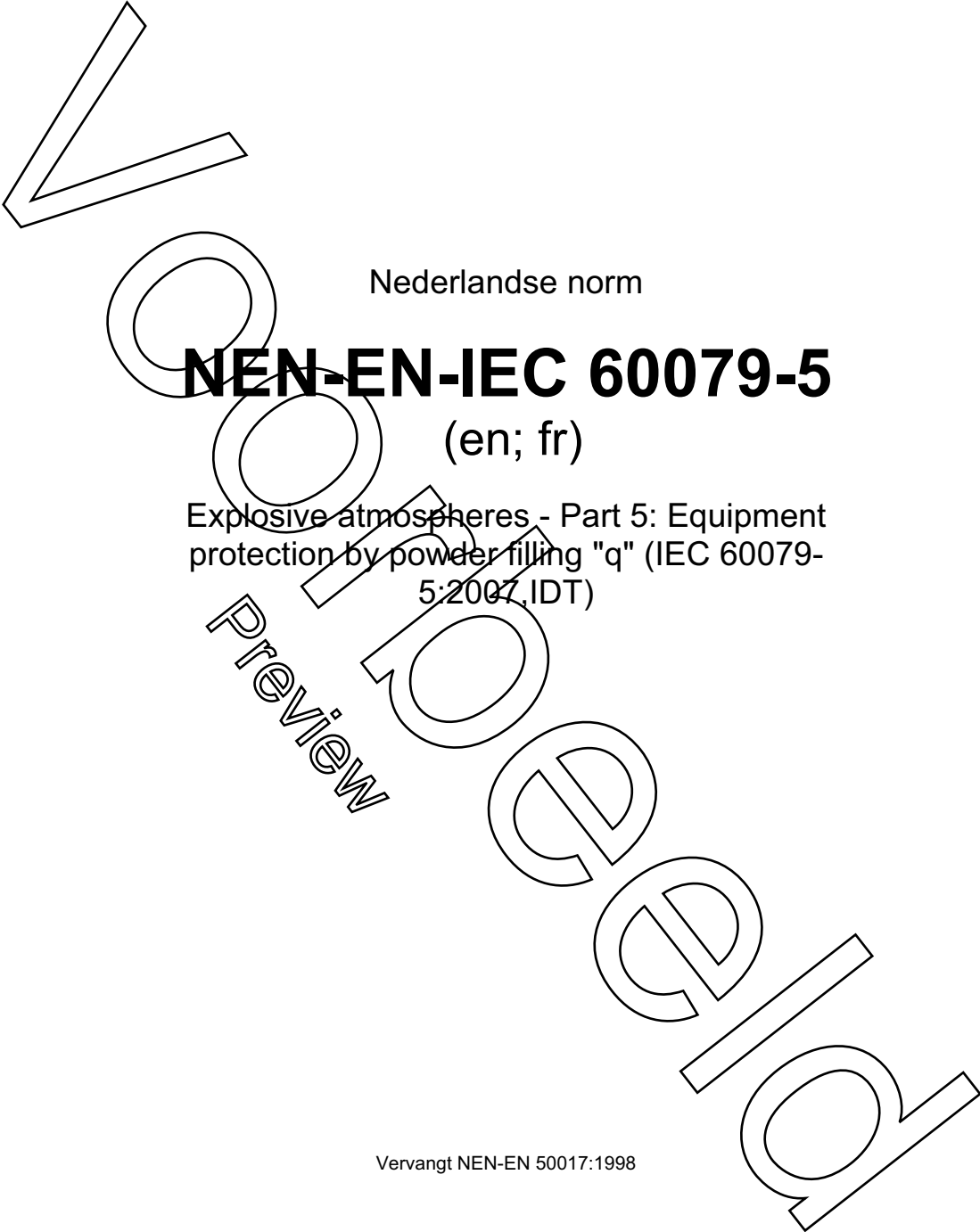


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Nederlandse norm

NEN-EN-IEC 60079-5

(en; fr)

Explosive atmospheres - Part 5: Equipment protection by powder filling "q" (IEC 60079-5:2007, IDT)

Vervangt NEN-EN 50017:1998

ICS 29.260.20
november 2007

Als Nederlandse norm is aanvaard:

- EN 60079-5:2007, IDT
- IEC 60079-5:2007, IDT

Nederlands Elektrotechnisch Comité (NEC)
Normcommissie 363 031 "Elektrisch materieel ivm ontploffingsgevaar (NEC 31)"

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Nederlands voorwoord

Voor de in deze norm vermelde normatieve verwijzingen bestaan in Nederland de volgende equivalenten:

<u>vermelde norm</u>	<u>Nederlandse norm</u>	<u>titel</u>
IEC 60079-0:2004	NEN-EN-IEC 60079-0:2006	Elektrisch materieel voor plaatsen waar gasontploffingsgevaar kan heersen - Deel 0: Algemene eisen (en,nl)
IEC 60079-1	NEN-EN-IEC 60079-1	Explosieve atmosferen - Deel 1: Bescherming van materieel door drukvast omhulsel "d" (en,fr)
IEC 60079-7	NEN-EN-IEC 60079-7	Explosieve atmosferen - Deel 7: Bescherming van materieel door verhoogde veiligheid "e" (en,fr)
IEC 60079-11	NEN-EN-IEC 60079-11	Explosieve atmosferen - Deel 11: Bescherming van materieel door intrinsieke veiligheid "i" (en,fr)
IEC 60529	NEN 10529	Beschermingsgraden van omhulsels van elektrisch materieel (IP-codering) (en,fr)
ISO 3310-1	-	-
ISO 3310-2	NEN-ISO 3310-2	Controlezeven - Technische eisen en beproevingen - Deel 2: Geperforeerde plaatzeven (en)
ISO 2591-1	-	-

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Preview

English version

**Explosive atmospheres -
Part 5: Equipment protection by powder filling "q"
(IEC 60079-5:2007)**

Atmosphères explosives -
Partie 5: Protection du matériel
par remplissage pulvérulent "q"
(CEI 60079-5:2007)

Explosionsfähige Atmosphäre -
Teil 5: Geräteschutz durch
Sandkapselung "q"
(IEC 60079-5:2007)

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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.

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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 31/675/FDIS, future edition 3 of IEC 60079-5, prepared by IEC TC 31, Equipment for explosive atmospheres, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60079-5 on 2007-11-01.

This European Standard supersedes EN 50017:1998.

This European Standard is to be read in conjunction with EN 60079-0:2006.

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) 2008-08-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2010-11-01

This European Standard was prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association and supports the essential requirements of 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 60079-5:2007 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 60664-1	NOTE	Harmonized as EN 60664-1:2007 (not modified).
IEC 60079	NOTE	Harmonized in EN 60079 series (partly modified).

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 60079-0 (mod)	2004	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements	EN 60079-0	2006
IEC 60079-1	- ¹⁾	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"	EN 60079-1	2007 ²⁾
IEC 60079-7	- ¹⁾	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"	EN 60079-7	2007 ²⁾
IEC 60079-11	- ¹⁾	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"	EN 60079-11	2007 ²⁾
IEC 60529	- ¹⁾	Degrees of protection provided by enclosures (IP Code)	EN 60529 + corr. May	1991 ²⁾ 1993
ISO 2591-1	- ¹⁾	Test sieving - Part 1: Methods using test sieves of woven wire cloth and perforated metal plate	-	-
ISO 3310-1	- ¹⁾	Test sieves - Technical requirements and testing - Part 1: Test sieves of metal wire cloth	-	-
ISO 3310-2	- ¹⁾	Test sieves - Technical requirements and testing - Part 2: Test sieves of perforated plates	-	-

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

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:

- ER 1.0.1, ER 1.0.2, ER 1.0.3, ER 1.0.5, ER 1.0.6;
- ER 1.1 (partly);
- ER 1.2.1 (partly), ER 1.2.2 (partly), ER 1.2.3, ER 1.2.8;
- ER 1.3.1;
- ER 1.5.3;
- ER 1.6.4;
- ER 2.0.2.1;
- ER 2.2.1.1, ER 2.2.1.2.

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

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

Preview
CENELEC

**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC**

60079-5

Troisième édition
Third edition
2007-03

Atmosphères explosives –

**Partie 5:
Protection du matériel par remplissage
pulvérulent «q»**

Explosive atmospheres –

**Part 5:
Equipment protection by powder filling «q»**



Numéro de référence
Reference number
CEI/IEC 60079-5:2007

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