



BSI Standards Publication

Explosive atmospheres

Part 15: Equipment protection by type of protection "n"

National foreword

This British Standard is the UK implementation of EN IEC 60079-15:2019. It is identical to IEC 60079-15:2017. Together with BS EN 60079-7:2015+A1:2018 and BS EN 60079-1:2014 it supersedes BS EN 60079-15:2010, which is withdrawn. The requirements related to Ex “nA” within BS EN 60079-15:2010 have been superseded by the requirements for Ex “ec” in BS EN 60079-7:2015. Requirements related to Ex “nC” (enclosed-break devices) in BS EN 60079-15:2010 have been superseded by requirements for Ex “dc” in BS EN 60079-1:2014.

The UK participation in its preparation was entrusted to Technical Committee EXL/31, Equipment for explosive atmospheres.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Amendments/corrigenda issued since publication

Date	Text affected
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EUROPEAN STANDARD
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EN IEC 60079-15

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Supersedes EN 60079-15:2010

English Version

**Explosive atmospheres - Part 15: Equipment protection by type
of protection "n"
(IEC 60079-15:2017)**

Atmosphères explosives - Partie 15: Protection du matériel
par mode de protection "n"
(IEC 60079-15:2017)

Explosionsfähige Atmosphäre - Teil 15: Geräteschutz durch
Zündschutzart "n"
(IEC 60079-15:2017)

This European Standard was approved by CENELEC on 2018-01-12. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document (31/1339/FDIS), future edition 5 of IEC 60079-15, prepared by IEC/TC 31 "Equipment for explosive atmospheres" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60079-15:2019.

The following dates are fixed:

- latest date by which the document has to be (dop) 2019-10-19
implemented at national level by
publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2022-04-19
standards conflicting with the
document have to be withdrawn

This document supersedes EN 60079-15:2010.

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This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s) see informative Annex ZZ, which is an integral part of this document.

Endorsement notice

The text of the International Standard IEC 60079-15:2017 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 60079-1	NOTE	Harmonized as EN 60079-1.
IEC 60079-2	NOTE	Harmonized as EN 60079-2.
IEC 60079-11	NOTE	Harmonized as EN 60079-11.
IEC 60079-17	NOTE	Harmonized as EN 60079-17.
IEC 60079-18	NOTE	Harmonized as EN 60079-18.
IEC 60297 (series)	NOTE	Harmonized in EN 60297 series.
IEC 61347-2-1	NOTE	Harmonized as EN 61347-2-1.

Annex ZA
(normative)

**Normative references to international publications
with their corresponding European publications**

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60079-0	-	Explosive atmospheres - Part 0: Equipment - General requirements	EN IEC 60079-0	2018
IEC 60079-7	-	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"	EN 60079-7	2015