



BSI Standards Publication

Explosive atmospheres

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

This is a preview of BS EN IEC 60079-15:2019+A11:2026. [Click here to purchase the full version from the ANSI store](#)

National foreword

This British Standard is the UK implementation of EN IEC 60079-15:2019+A11:2026. It is derived from IEC 60079-15:2017. It supersedes BS EN IEC 60079-15:2019, which will be withdrawn on 31 March 2029. The requirements related to Ex “nA” within BS EN 60079-15:2010 have been superseded by the requirements for Ex “ec” in BS EN 60079-7:2015. Requirements related to Ex “nC” (enclosed-break devices) in BS EN 60079-15:2010 have been superseded by requirements for Ex “dc” in BS EN 60079-1:2014.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 start and finish of text introduced or altered by amendment A11 is indicated in the text by tags. Tags indicating changes to CENELEC text carry the number of the CENELEC amendment. For example, text altered by CENELEC amendment A11 is indicated by A11 A11.

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 committee manager.

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For the Great Britain market (England, Scotland and Wales), if UK Government has designated this publication for conformity with UKCA marking (or similar) legislation, it may contain an additional National Annex. Where such a National Annex exists, it shows the correlation between this publication and the relevant UK legislation. If there is no National Annex of this kind, the relevant Annex ZA or ZZ in the body of the European text will indicate the relationship to UK regulation applicable in Great Britain. References to EU legislation may need to be read in accordance with the UK designation and the applicable UK law. Further information on designated standards can be found at www.bsigroup.com/standardsandregulation.

For the Northern Ireland market, UK law will continue to implement relevant EU law subject to periodic confirmation. Therefore

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Annex ZA/ZZ in the European text, and references to EU legislation, are still valid for this market.

UK Government is responsible for legislation. For information on legislation and policies relating to that legislation, consult the relevant pages of www.gov.uk.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments/corrigenda issued since publication

Date	Text affected
30 April 2026	Implementation of CENELEC amendment A11:2026

EUROPÄISCHE NORM

March 2026

ICS 29.260.20

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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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

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

This document supersedes EN 60079-15:2010.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

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.

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European foreword to amendment A11

This document (EN IEC 60079-15:2019/A11:2026) has been prepared by CLC/TC 31 “Electrical apparatus for potentially explosive atmospheres”.

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2027-03-31
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2029-03-31

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This document has been prepared under a standardization request addressed to CENELEC by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZZ, which is an integral part of this document.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

A11 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.cencenelec.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
			+ C	2020-02
			+ 11	2024
IEC 60079-7	-	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"	EN 60079-7	2015
			+ 1	2018
			+ 11	2024 A11

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Annex ZZ
(informative)

Relationship between this European Standard and the essential health and safety requirements of Directive 2014/34/EU¹ aimed to be covered

This European Standard has been prepared under a Commission’s standardization request as regards equipment and protective systems intended for use in potentially explosive atmospheres in support of Directive 2014/34/EU “M/596 C(2023)4798 final” to provide one voluntary means of conforming to the essential health and safety requirements of Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to equipment and protective systems intended for use in potentially explosive atmospheres (recast).

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZZ.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding essential health and safety requirements of that Directive and associated EFTA regulations.

Table ZZ.1 — Correspondence between this European standard and Annex II of Directive 2014/34/EU [OJ L 96/309]


Essential Requirements of 2014/34/EU	Clause(s) / sub-clause(s) of this EN	Remarks / Notes
1.0.1.	4 to 15	
1.0.2.	4 to 15	
1.0.3.	10.2.8.2.1, 10.2.8.2.2, 13.1, 13.3, 14, 15	
1.0.4.	4, 5	
1.0.5.	13	
1.0.6.	15	
1.1.1.	4, 5, 8, 9, 10	
1.1.2.	4, 5, 8, 9, 10	
1.1.3.	4, 5, 6, 8, 9, 10	
1.2.1.	4, 5, 6, 7, 8, 9.1 to 9.6, 10, 11, 12.1, 12.2.1, 12.2.2, 12.3, 12.4, 13, 14, 15	
1.2.2.	4, 5, 6, 7, 8, 9.1 to 9.6, 10, 11, 12.1, 12.2.1, 12.2.2, 12.3, 12.4, 13, 14, 15	
1.2.3.		Not covered
1.2.4.		Not covered
1.2.5.		Not covered
1.2.6.	9.2, 10.2.4, 10.2.8.2.2,	

¹ OJ L 96, 29.3.2014, p. 309-356.

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Essential Requirements of 2014/34/EU	Clause(s) / sub-clause(s) of this EN	Remarks / Notes
	10.2.8.2.3, 13.3	
1.2.7.		Not covered
1.2.8.		Not covered
1.2.9.		Not covered
1.3.1.		Not covered
1.3.2.		Not covered
1.3.3.		Not covered
1.3.4.		Not covered
1.3.5.		Not covered
1.4.1.	4	
1.4.2.	4	
1.5.1		Not covered
1.5.2.		Not covered
1.5.3.		Not covered
1.5.4.		Not covered
1.5.5.		Not covered
1.5.6.		Not covered
1.5.7.		Not covered
1.5.8.		Not covered
1.6.1.		Not covered
1.6.2.		Not covered
1.6.3.		Not covered
1.6.4.		Not covered
1.6.5.		Not covered
2.0.1		Not covered
2.0.2		Not covered
2.1.1.		Not covered
2.1.2.		Not covered
2.2.1		Not covered
2.2.2		Not covered
2.3.1.	4 to 15	
2.3.2.		Not covered
3.		Not covered

WARNING 1 — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2 — Other Union legislation may be applicable to the product(s) falling within the scope of this standard. 

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