



**SLOVENSKI STANDARD**  
**SIST EN IEC 60079-15:2019/oprAA:2023**  
**01-junij-2023**

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**Eksplzivne atmosfere - 15. del: Zaščita opreme s protieksplozijsko zaščito "n" -  
Dopolnilo AA**

Explosive atmospheres - Part 15: Equipment protection by type of protection "n"

Explosionsfähige Atmosphäre - Teil 15: Geräteschutz durch Zündschutzart "n"

Atmosphères explosives - Partie 15: Protection du matériel par mode de protection «n»

**Ta slovenski standard je istoveten z: EN IEC 60079-15:2019/prAA**

**ICS:**

|           |  |   |
|-----------|--|---|
| 29.260.20 | Električni aparati za<br>eksplozivna ozračja | Electrical apparatus for<br>explosive atmospheres |
|-----------|--|---|

**SIST EN IEC 60079-15:2019/oprAA:2023 en,fr,de**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**DRAFT**  
**EN IEC 60079-15:2019**

**prAA**

April 2023

ICS 29.260.20

English Version

## Explosive atmospheres - Part 15: Equipment protection by type of protection "n"

Atmosphères explosives - Partie 15: Protection du matériel par mode de protection "n"

Explosionsfähige Atmosphäre - Teil 15: Geräteschutz durch Zündschutzart "n"

This draft amendment prAA, if approved, will modify the European Standard EN IEC 60079-15:2019; it is submitted to CENELEC members for enquiry.

Deadline for CENELEC: 2023-07-14.

It has been drawn up by CLC/TC 31.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CENELEC 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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



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**

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## European foreword

This document (EN IEC 60079-15:2019/prAA:2023) has been prepared by Technical Committee CLC/TC 31 "Electrical apparatus for potentially explosive atmospheres", the secretariat of which is held by DKE.

This document is currently submitted to the Enquiry.

The following dates are proposed:

- latest date by which the existence of this document has to be announced at national level (doa) dor + 6 months
- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) dor + 12 months
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) dor + 36 months (to be confirmed or modified when voting)

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

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

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EN IEC 60079-15:2019/prAA:2023 (E)

## 1 Modification to annexes

*Replace Annex ZA and Annex ZZ with the following:*

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## 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](http://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        |
|                    |             |  | + AC           | 2020-02     |
| IEC 60079-7        | -           | Explosive atmospheres - Part 7: Equipment protection by increased safety "e" | EN 60079-7     | 2015        |
|                    |             |  | + A1           | 2018        |

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## Annex ZZ (informative)

### Relationship between this European Standard and the Essential Requirements of 2014/34/EU [2014 OJ L96] aimed to be covered

This European standard has been prepared under a Commission's standardisation request M/BC/CEN/92/46 to provide one voluntary means of conforming to essential requirements of 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 requirements of that Directive, and associated EFTA regulations.

**Table ZZ.1 — Correspondence between this European standard and Annex II of Directive 2014/34/EU [2014 OJ L96]**

| Essential Requirements of 2014/34/EU | Clause(s) / sub-clause(s) of this EN                        | Remarks / Notes  |
|--------------------------------------|---|--|
| 1.0.1.                               | 1, 4 to 15  | Second indent only   |
| 1.0.2.                               | 1, 4 to 15  | By complement to EN IEC 60079-0 for the type of protection nC and nR for the category 3 equipment  |
| 1.0.3.                               | 10.2.8.2.1, 13 and different references throughout document | Any particular conditions related to such equipment protected by type of protection "n" shall be clearly stated in the instructions for use. |
| 1.0.4.                               | 4, 5  |  |
| 1.0.5.                               | 13  |  |
| 1.0.6.                               | 15  | Particular instructions written in accordance with EN IEC 60079-0  |
| 1.1.1.                               | 4, 5  |  |
| 1.1.2.                               | 4, 5  |  |
| 1.1.3.                               | 5   |  |
| 1.2.1.                               | 4, 5  |  |
| 1.2.2.                               | 4, 5  |  |
| 1.2.3.                               | 8, 9  |  |
| 1.2.4.                               | Not covered   |  |
| 1.2.5.                               | Not covered   |  |
| 1.2.6.                               | 4, 5  |  |
| 1.2.7.                               | Not covered   |  |
| 1.2.8.                               | Not covered   |  |
| 1.2.9.                               | Not covered   |  |



| Essential Requirements of 2014/34/EU | Clause(s) / sub-clause(s) of this EN | Remarks / Notes   |
|--------------------------------------|--------------------------------------|---|
| 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.                               | Throughout document                  | Multiple requirements for Group II, Ex nC or nR, EPL Gc |
| 2.3.2.                               | Not covered                          |   |
| 3.0.1.                               | Not covered                          |   |
| 3.0.2.                               | Not covered                          |   |
| 3.0.3.                               | Not covered                          |   |
| 3.0.4.                               | Not covered                          |   |
| 3.1.1.                               | Not covered                          |   |
| 3.1.2.                               | Not covered                          |   |
| 3.1.3.                               | Not covered                          |   |

## EN IEC 60079-15:2019/prAA:2023 (E)

| Essential Requirements of 2014/34/EU | Clause(s) / sub-clause(s) of this EN | Remarks / Notes |
|--------------------------------------|--------------------------------------|-----------------|
| 3.1.4.                               | Not covered                          |                 |
| 3.1.5.                               | Not covered                          |                 |
| 3.1.6.                               | Not covered                          |                 |
| 3.1.7.                               | Not covered                          |                 |
| 3.1.8.                               | Not covered                          |                 |

NOTE To confer a presumption of conformity with the relevant essential requirements of Directive 2014/34/EU, this standard is applied together at least with one of those standards as specified in Remarks/Note Column.

**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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