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| <b>STN</b> | <b>Výbušné atmosféry</b><br><b>Časť 25: Iskrovo bezpečné elektrické systémy</b><br><b>Zmena A1</b> | <b>STN</b><br><b>EN IEC</b><br><b>60079-25/A1</b><br><br>33 2320 |
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Explosive atmospheres. Part 25: Intrinsically safe electrical systems

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/26

STN EN IEC 60079-25 z novembra 2023 sa bez tejto zmeny A1 môže používať do 30. 11. 2028.

Obsahuje: EN IEC 60079-25:2022/A1:2025, IEC 60079-25:2020/AMD1:2025

**141821**

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Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2026  
Slovenská technická norma a technická normalizačná informácia je chránená zákonom č. 60/2018 Z. z. o technickej normalizácii  
v znení neskorších predpisov.



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN IEC 60079-25:2022/A1**

November 2025

ICS 29.260.20

English Version

**Explosive atmospheres - Part 25: Intrinsically safe electrical  
systems  
(IEC 60079-25:2020/AMD1:2025)**

Atmosphères explosives - Partie 25 : Systèmes électriques  
de sécurité intrinsèque  
(IEC 60079-25:2020/AMD1:2025)

Explosionsgefährdete Bereiche - Teil 25: Eigensichere  
Systeme  
(IEC 60079-25:2020/AMD1:2025)

This amendment A1 modifies the European Standard EN IEC 60079-25:2022; it was approved by CENELEC on 2025-10-30. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 amendment 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, 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.



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**

**EN IEC 60079-25:2022/A1:2025 (E)****European foreword**

The text of document 31G/426/FDIS, future edition 3 of IEC 60079-25/AMD1, prepared by SC 31G "Intrinsically-safe apparatus" of IEC/TC 31 "Equipment for explosive atmospheres" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60079-25:2022/A1:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-11-30 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-11-30 document have to be withdrawn

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 standardization request addressed to CENELEC by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

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.

**Endorsement notice**

The text of the International Standard IEC 60079-25:2020/AMD1:2025 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 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](http://www.cencenelec.eu).

*Add:*

| <u>Publication</u> | <u>Year</u> | <u>Title</u>   | <u>EN/HD</u>            | <u>Year</u> |
|--------------------|-------------|--|-------------------------|-------------|
| IEC/TS 60079-47    | -           | Explosive atmospheres - Part 47:<br>Equipment protection by 2-wire intrinsically<br>safe ethernet concept (2-WISE) | CLC IEC/TS 60079-<br>47 | -           |



IEC 60079-25

Edition 3.0 2025-09

# INTERNATIONAL STANDARD

AMENDMENT 1

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**Explosive atmospheres -  
Part 25: Intrinsically safe electrical systems**

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**Explosive atmospheres -  
Part 25: Intrinsically safe electrical systems****AMENDMENT 1****FOREWORD**

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Amendment 1 to IEC 60079-25:2020 has been prepared by subcommittee 31G: Intrinsically safe apparatus, of IEC technical committee 31: Equipment for explosive atmospheres.

The text of this Amendment is based on the following documents:

| Draft        | Report on voting |
|--------------|------------------|
| 31G/426/FDIS | 31G/432/RVD      |

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this Amendment is English.



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This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications/](http://www.iec.ch/publications/).

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- reconfirmed,
- withdrawn, or
- revised.

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## 1 Scope

*Replace the existing text of the third paragraph of the Scope with the following new text:*

The installation requirements of Group II or Group III systems designed in accordance with this document are specified in IEC 60079-14. Where a specific requirement of IEC 60079-14 is applied by this document, the same requirements can be applied for Group I.

## 2 Normative references

*Add the following new normative reference:*

IEC TS 60079-47, *Explosive atmospheres – Part 47: Equipment protection by 2-wire intrinsically safe ethernet concept (2-WISE)*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**