



SLOVENSKI STANDARD SIST EN IEC 60079-19:2025

01-december-2025

Eksplzivne atmosfere - 19. del: Popravilo, obnova in remont opreme (IEC 60079-19:2025)

Explosive atmospheres - Part 19: Equipment repair, overhaul and reclamation (IEC 60079-19:2025)

Explosionsgefährdete Bereiche - Teil 19: Gerätereparatur, Überholung und Regenerierung (IEC 60079-19:2025)

Atmosphères explosives - Partie 19: Réparation, révision et remise en état de l'appareil (IEC 60079-19:2025)

Ta slovenski standard je istoveten z: EN IEC 60079-19:2025

SIST EN IEC 60079-19:2025

<https://standards.sist.si/catalog/standards/sist/d9025019-75a9-4afe-8c48-a7b1cd13c588/sist-en-iec-60079-19-2025>

ICS:

29.260.20	Električni aparati za eksplozivna ozračja	Electrical apparatus for explosive atmospheres
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SIST EN IEC 60079-19:2025

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 60079-19

September 2025

ICS 29.260.20

Supersedes EN IEC 60079-19:2019

English Version

**Explosive atmospheres - Part 19: Equipment repair, overhaul
and reclamation
(IEC 60079-19:2025)**

Atmosphères explosives - Partie 19: Réparation, révision et
remise en état de l'appareil
(IEC 60079-19:2025)

Explosionsgefährdete Bereiche - Teil 19: Gerätereparatur,
Überholung und Regenerierung
(IEC 60079-19:2025)

This European Standard was approved by CENELEC on 2025-08-20. 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, 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.

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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

EN IEC 60079-19:2025 (E)**European foreword**

The text of document 31J/386/FDIS, future edition 5 of IEC 60079-19, prepared by SC 31J "Classification of hazardous areas and installation requirements" of IEC/TC 31 "Equipment for explosive atmospheres" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60079-19:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-09-30 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-09-30 document have to be withdrawn

This document supersedes EN IEC 60079-19:2019 and all of its amendments and corrigenda (if any).

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.

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.

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The text of the International Standard IEC 60079-19:2025 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 standard indicated:

IEC 60034 (series)	NOTE	Approved as EN IEC 60034 (series)
IEC 60364 (series)	NOTE	Approved as HD 60364 (series)
IEC 60079-18	NOTE	Approved as EN 60079-18
IEC/TS 60079-39	NOTE	Approved as CLC IEC/TS 60079-39
IEC/TS 60079-47	NOTE	Approved as CLC IEC/TS 60079-47
ISO 9000	NOTE	Approved as EN ISO 9000
ISO 9001	NOTE	Approved as EN ISO 9001
ISO/IEC 17000	NOTE	Approved as EN ISO/IEC 17000
ISO/IEC 17024	NOTE	Approved as EN ISO/IEC 17024
ISO/IEC 80079-34	NOTE	Approved as EN ISO/IEC 80079-34

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 60034-23	-	Rotating electrical machines - Part 23: Repair, overhaul and reclamation	EN IEC 60034-23	-
IEC 60079-0	-	Explosive atmospheres - Part 0: Equipment - General requirements	EN IEC 60079-0	-
IEC 60079-1	-	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"	EN 60079-1	-
IEC 60079-2	-	Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure "p"	EN 60079-2	-
IEC 60079-5	-	Explosive atmospheres - Part 5: Equipment protection by powder filling "q"	EN 60079-5	-
IEC 60079-6	-	Explosive atmospheres - Part 6: Equipment protection by liquid immersion "o"	EN 60079-6	-
IEC 60079-7	-	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"	EN 60079-7	-
IEC 60079-11	-	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"	EN IEC 60079-11	-
IEC 60079-14	-	Explosive atmospheres - Part 14: Electrical installation design, selection and installation of equipment, including initial inspection	EN IEC 60079-14	-
IEC 60079-15	-	Explosive atmospheres - Part 15: Equipment protection by type of protection "n"	EN IEC 60079-15	-
IEC 60079-17	-	Explosive atmospheres - Part 17: Electrical installations inspection and maintenance	EN IEC 60079-17	-
IEC 60079-26	-	Explosive atmospheres - Part 26: Equipment with Separation Elements or combined Levels of Protection	EN IEC 60079-26	-
IEC/IEEE 60079-30-1	-	Explosive atmospheres - Part 30-1: Electrical resistance trace heating - General and testing requirements	EN 60079-30-1	-
IEC/IEEE 60079-30-2	-	Explosive atmospheres - Part 30-2: Electrical resistance trace heating - Application guide for design, installation and maintenance	EN 60079-30-2	-

EN IEC 60079-19:2025 (E)

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60079-31	-	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"	EN IEC 60079-31	-
IEC 60079-33	-	Explosive atmospheres - Part 33: Equipment protection by special protection "s"	CLC/TR 60079-33	-
IEC 60085	-	Electrical insulation - Thermal evaluation and designation	EN 60085	-
IEC 60112	-	Method for the determination of the proof and the comparative tracking indices of solid insulating materials	EN IEC 60112	-
IEC 60529	-	Degrees of protection provided by enclosures (IP Code)	EN 60529	-
IEC 61241-0 ¹	-	Electrical apparatus for use in the presence of combustible dust -- Part 0: General requirements	-	-
IEC 61241-1 ²	-	Electrical apparatus for use in the presence of combustible dust -- Part 1: Protection by enclosures "tD"	-	-
IEC 61241-1-1 ³	-	Electrical apparatus for use in the presence of combustible dust -- Part 1-1: Electrical apparatus protected by enclosures and surface temperature limitation - Specification for apparatus	-	-
IEC 61241-4 ⁴	-	Electrical apparatus for use in the presence of combustible dust -- Part 4: Type of protection 'pD'	-	-
ISO 4063	-	Welding, brazing, soldering and cutting – Nomenclature of processes and reference numbers	EN ISO 4063	-
ISO 4526	-	Metallic coatings – Electroplated coatings of nickel for engineering purposes	EN ISO 4526	-
ISO 6158	-	Metallic and other inorganic coatings – Electrodeposited coatings of chromium for engineering purposes	EN ISO 6158	-
ISO 80079-36	-	Explosive atmospheres - Part 36: Non-electrical equipment for explosive atmospheres - Basic method and requirements	EN ISO 80079-36	-
ISO 80079-37	2016	Explosive atmospheres - Part 37: Non-electrical equipment for explosive atmospheres - Non-electrical type of protection constructional safety "c", control of ignition source "b", liquid immersion "k"	EN ISO 80079-37	2016

¹ Withdrawn and replaced by IEC 60079-0:2011.

² Withdrawn and replaced by IEC 60079-31:2008.

³ Withdrawn and replaced by IEC 61241-0:2004 and IEC 61241-1:2004 (withdrawn and replaced by IEC 60079-31:2008).

⁴ Withdrawn and replaced by IEC 60079-2:2014.



IEC 60079-19

Edition 5.0 2025-07

INTERNATIONAL STANDARD

**Explosive atmospheres –
Part 19: Equipment repair, overhaul and reclamation**

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