

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

Explosive atmospheres -
Part 25: Intrinsically safe electrical systems

Atmosphères explosives -
Partie 25: Systèmes électriques de sécurité intrinsèque

[IEC 60079-25:2020/AMD1:2025](https://standards.iteh.ai/catalog/standards/iec/42b9fa22-a871-427d-803d-3cfcc122fac4/iec-60079-25-2020-amd1-2025)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**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.

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. The main document types developed by IEC are described in greater detail at www.iec.ch/publications/.

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- reconfirmed,
- withdrawn, or
- revised.

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)*

3 Terms and definitions

Add to definition 3.3 the following new Note 1 to entry:

Note 1 to entry: Document, in this context, is any means of recording the required information. Examples include reports, drawings, spreadsheets, and databases.

Add, after 3.9, the following new term and definition:

3.10

2-WISE system

assembly of interconnected items of 2-WISE devices, described in a descriptive system document, in which the circuits or parts of the circuits, intended to be used in an explosive atmosphere, are intrinsically safe circuits

[SOURCE: IEC TS 60079-47:2021, 3.5]