
Irish Standard Recommendation
S.R. CLC/TR 60079-32-1:2018

# Explosive atmospheres - Part 32-1: Electrostatic Hazards - Guidance

**S.R. CLC/TR 60079-32-1:2018**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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| NSAI | T +353 1 807 3800 | Sales: |
| 1 Swift Square, | F +353 1 807 3838 | T +353 1 857 6730 |
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## National Foreword

S.R. CLC/TR 60079-32-1:2018 is the adopted Irish version of the European Document CLC/TR 60079-32-1:2018, Explosive atmospheres - Part 32-1: Electrostatic Hazards - Guidance

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

For relationships with other publications refer to the NSAI web store.

**Compliance with this document does not of itself confer immunity from legal obligations.**

*In line with international standards practice the decimal point is shown as a comma (,) throughout this document.*

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TECHNICAL REPORT

RAPPORT TECHNIQUE

TECHNISCHER BERICHT

# CLC/TR 60079-32-1

December 2018

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Supersedes CLC/TR 60079-32-1:2015

English Version

# Explosive atmospheres - Part 32-1: Electrostatic hazards, guidance (IEC/TS 60079-32-1:2013, IEC/TS 60079-32-1:2013/A1:2017)

Atmosphères explosives - Partie 32-1: Risques électrostatiques - Guide (IEC/TS 60079-32-1:2013, IEC/TS 60079-32-1:2013/A1:2017)

Explosionsgefährdete Bereiche - Teil 32-1: Elektrostatische Gefährdungen, Leitfaden (IEC/TS 60079-32-1:2013, IEC/TS 60079-32-1:2013/A1:2017)

This Technical Report was approved by CENELEC on 2018-10-22.

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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**

## European foreword

This document (CLC/TR 60079-32-1:2018*)* consists of the text of IEC/TS 60079-32-1:2013 and IEC/TS 60079-32-1:2013/A1:2017 prepared by IEC/TC 31 "Equipment for explosive atmospheres".

This document supersedes CLC/TR 60079-32-1:2015.

The technical specification IEC/TS 60079-32-1 is written as a general guidance document for products in general and process properties necessary to avoid ignition hazards arising from static electricity in a hazardous area.

The IEC standard IEC 60079-0 specifies the general requirements, including the requirements to avoid electrostatic charging, for construction, testing and marking of Ex equipment and Ex Components intended for use in explosive atmospheres.

In some cases, the requirements given in IEC 60079-0 are different from the information given in IEC/TS 60079-32-1.

It was decided to have all information also given complete in the guidance document and therefore the new Clause 14 was added to the IEC/TS 60079-32-1 summarizing the requirements given in IEC 60079-0 for Ex equipment and Ex-Components as additional information.

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.

## Endorsement notice

The texts of the International Technical Specifications IEC/TS 60079-32-1:2013 and IEC/TS 60079-32-1:2013/A1:2017 were approved by CENELEC as a Technical Report without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

| | | |
|---|---|---|
| IEC 60243-1 | NOTE | Harmonized as EN 60243-1. |
| IEC 60243-2 | NOTE | Harmonized as EN 60243-2. |
| IEC 60247 | NOTE | Harmonized as EN 60247. |
| IEC 61340-2-1 | NOTE | Harmonized as EN 61340-2-1. |
| IEC 61340-4-5 | NOTE | Harmonized as EN 61340-4-5. |
| IEC 61340-4-7 | NOTE | Harmonized as EN 61340-4-7. |
| ISO 8028 | NOTE | Harmonized as EN ISO 8028. |
| ISO 8330 | NOTE | Harmonized as EN ISO 8330. |
| ISO 13688 | NOTE | Harmonized as EN ISO 13688. |
| ISO 20344 | NOTE | Harmonized as EN ISO 20344. |
| ISO 20345 | NOTE | Harmonized as EN ISO 20345. |