

<b>STN</b>	<b>Výbušné atmosféry Časť 29-1: Detektory plynu Požiadavky na prevádzkové vlastnosti detektorov horľavých plynov Zmena A1</b>	<b>STN EN 60079-29-1/A1</b>  33 2320
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Explosive atmospheres - Part 29-1: Gas detectors - Performance requirements of detectors for flammable gases

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. 07/22

STN EN 60079-29-1 z júna 2017 sa bez tejto zmeny A1 môže používať do 13. 5. 2025.

Obsahuje: EN 60079-29-1:2016/A1:2022, IEC 60079-29-1:2016/AMD1:2020

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60079-29-1:2016/A1**

May 2022

ICS 29.260.20

English Version

**Explosive atmospheres - Part 29-1: Gas detectors - Performance requirements of detectors for flammable gases  
(IEC 60079-29-1:2016/A1:2020)**

Atmosphères explosives - Partie 29-1: Détecteurs de gaz -  
Exigences d'aptitude à la fonction des détecteurs de gaz  
inflammables  
(IEC 60079-29-1:2016/A1:2020)

Explosionsfähige Atmosphäre - Teil 29-1: Gasmessgeräte -  
Anforderungen an das Betriebsverhalten von Geräten für  
die Messung brennbarer Gase  
(IEC 60079-29-1:2016/A1:2020)

This amendment A1 modifies the European Standard EN 60079-29-1:2016; it was approved by CENELEC on 2020-04-28. 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.

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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 60079-29-1:2016/A1:2022 (E)****European foreword**

The text of document 31/1525/FDIS, future IEC 60079-29-1/A1, prepared by IEC/TC 31 "Equipment for explosive atmospheres" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60079-29-1:2016/A1:2022.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2022-11-13
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-05-13

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This document is read in conjunction with EN 60079-29-1:2016/A11:2022.

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, included in this document.

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The text of the International Standard IEC 60079-29-1:2016/A1:2020 was approved by CENELEC as a European Standard without any modification.

## Annex ZZ (informative)

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

This European Standard has been prepared under a Commission's standardization request [M/BC/CEN/92/46] to provide one voluntary means of conforming to essential requirements of *Directive 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* [2014 OJ L96].

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 Directive 2014/34/EU	Clause(s) / sub-clause(s) of this EN	Remarks / Notes
1.5.5 - 1.5.7	whole standard except 4.2.9 and 5.4.23	
1.5.8	4.2.9, 5.4.23	

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# INTERNATIONAL STANDARD

# NORME INTERNATIONALE



AMENDMENT 1  
AMENDEMENT 1

**Explosive atmospheres –  
Part 29-1: Gas detectors – Performance requirements of detectors for flammable  
gases**

**Atmosphères explosives –  
Partie 29-1: Détecteurs de gaz – Exigences d'aptitude à la fonction des  
détecteurs de gaz inflammables**

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## FOREWORD

This amendment has been prepared by IEC technical committee 31 Equipment for explosive atmospheres

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

FDIS	Report on voting
31/1525/FDIS	31/1533/RVD

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

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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