

STN	Výbušné atmosféry. Časť 29-1: Detektory plynu. Požiadavky na prevádzkové vlastnosti detektorov horľavých plynov.	STN EN 60079-29-1 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. 05/17

Obsahuje: EN 60079-29-1:2016, IEC 60079-29-1:2016

Oznámením tejto normy sa od 23.12.2019 ruší
STN EN 60079-29-1 (33 2320) z novembra 2008

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Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2017
Podľa zákona č. 264/1999 Z. z. o technických požiadavkách na výrobky a o posudzovaní zhody a o zmene a doplnení niektorých zákonov v znení neskorších predpisov sa slovenská technická norma a časť slovenskej technickej normy môžu rozmnožovať alebo rozširovať len so súhlasom slovenského národného normalizačného orgánu.

English Version

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

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

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

This European Standard was approved by CENELEC on 2016-09-19. 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.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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European foreword

The text of document 31/1257/FDIS, future edition 2 of IEC 60079-29-1, 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.

A draft amendment, which covers common modifications to IEC 60079-29-1 (31/1257/FDIS), was prepared by SC 31-9 "Electrical apparatus for the detection and measurement of combustible gases to be used in industrial and commercial potentially explosive atmospheres", of CLC/TC 31 "Electrical apparatus for potentially explosive atmospheres" and approved by CENELEC.

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) 2017-06-23
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2019-12-23

This document supersedes EN 60079-29-1:2007.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

Clauses, subclauses, notes, tables, figures and annexes which are additional to those in IEC 60079-29-1:2016 are prefixed "Z".

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive.

For the relationship with EU Directive see informative Annex ZZ, which is an integral part of this document.

Endorsement notice

The text of the International Standard IEC 60079-29-1:2016 was approved by CENELEC as a European Standard with agreed common modifications.

COMMON MODIFICATIONS

Introduction

Replace "IEC 60079-29" by "EN 60079-29".

Replace "IEC 60079-29-2" by "EN 60079-29-2".

Replace "IEC 60079-29-3" by "EN 60079-29-3".

Replace "IEC 60079-29-4" by "EN 60079-29-4".

1 Scope

Replace "IEC 60079-29" by "EN 60079-29" (7 times).

Replace "IEC 60079-29-4" by "EN 60079-29-4".

Replace "IEC 60079-0" by "EN 60079-0" (twice).

Replace "IEC 60079-29-1" by "EN 60079-29-1" (twice).

Delete NOTE 1 and **renumber** NOTE 2 to NOTE 3 as NOTE 1 to NOTE 2.

2 Normative references

Add the following references:

EN 50270, *Electromagnetic compatibility - Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen*

EN 50271, *Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen - Requirements and tests for apparatus using software and/or digital technologies*

Replace "IEC 60079-0" by "EN 60079-0".

Replace "IEC 60068-2-6" by "EN 60068-2-6".

Replace "IEC 60079-20-1" by "EN 60079-20-1".

Delete IEC 61326-1:2012.

koniec náhľadu – text ďalej pokračuje v platenej verzii STN