

STN	Pracovné atmosféry Časť 1: Detektory plynu Požiadavky na účinnosť detektorov toxických plynov Zmena A11	STN EN IEC 62990-1/A11 83 3635
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Workplace atmospheres - Part 1: Gas detectors - Performance requirements of detectors for toxic 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. 01/23

STN EN IEC 62990-1 z januára 2023 sa bez tejto zmeny A11 môže používať do 27. 8. 2025.

Obsahuje: EN IEC 62990-1:2022/A11:2022

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 62990-1:2022/A11

October 2022

ICS 29.260.20

English Version

**Workplace atmospheres - Part 1: Gas detectors - Performance
requirements of detectors for toxic gases**

Atmosphères des lieux de travail - Partie 1: Détecteurs de
gaz - Exigences d'aptitude à la fonction des détecteurs de
gaz toxiques

Arbeitsplatzatmosphäre - Teil 1: Gasmessgeräte -
Anforderungen an das Betriebsverhalten von Geräten für
die Messung toxischer Gase

This amendment A11 modifies the European Standard EN IEC 62990-1:2022; it was approved by CENELEC on 2022-08-27. 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.

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 amendment 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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EN IEC 62990-1:2022/A11:2022 (E)

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EN IEC 62990-1:2022/A11:2022 (E)**European foreword**

This document (EN IEC 62990-1:2022/A11:2022) has been prepared by CLC/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".

The following dates are fixed:

- latest date by which this document has to be (dop) 2023-08-27
implemented at national level by publication of
an identical national standard or by
endorsement
- latest date by which the national standards (dow) 2025-08-27
conflicting with this document have to be
withdrawn

This document contains common modifications to EN IEC 62990-1:2022.

This document, together with EN IEC 62990-1:2022, supersedes EN 45544-1:2015, EN 45544-2:2015 and EN 45544-3:2015.

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.

Clauses, subclauses, notes, tables, figures and annexes which are additional to those in IEC 62990-1:2019 and IEC 62990-1/COR1:2019 are prefixed "Z".

EN IEC 62990-1:2022/A11:2022 (E)**1 Modification to “Introduction”**

Replace “ISO/IEC 62990” by “EN 62990”.

Replace “IEC 60079-29-1” by “EN 60079-29-1”.

Replace “IEC 60079-29-4” by “EN 60079-29-4”.

Replace “IEC 60079-29-2” by “EN 60079-29-2”.

Replace “IEC 60079-29-3” by “EN 60079-29-3”.

2 Modification to “Scope”

Replace “ISO/IEC 62990” by “EN 62990”.

3 Modification to Clause 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 50271:2018, *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 60068-2-6” by “EN 60068-2-6”.

Replace “IEC 60079-0” by “EN 60079-0”.

Replace “IEC 60529” by “EN 60529”.

Delete IEC 61000-4-29.

Delete IEC 61000-6-3.

Delete IEC 61000-6-4.

Delete IEC 61326-1.

koniec náhľadu – text ďalej pokračuje v platenej verzii STN