

SLOVENSKI STANDARD
SIST EN 50055:1997/A1:1997
01-junij-1997

**Electrical apparatus for the detection and measurement of combustible gases -
Performance requirements for group I apparatus indicating up to 5 % (v/v)
methane in air - Amendment 1**

Electrical apparatus for the detection and measurement of combustible gases -
Performance requirements for Group I apparatus indicating up to 5% (v/v) methane in air

Elektrische Geräte für das Aufspüren und die Messung brennbarer Gase -
Anforderungen an das Betriebsverhalten von Geräten der Gruppe I mit einem
Meßbereich bis zu 5 % (V/V) Methan in Luft

Appareils électriques de détection et de mesure des gaz combustibles - Règles de
performances des appareils du Groupe I pouvant indiquer jusqu'à 5 % (v/v) de méthane
dans l'air

Ta slovenski standard je istoveten z: EN 50055:1991/A1:1995

ICS:

13.320	Alarmni in opozorilni sistemi	Alarm and warning systems
29.260.20	Električni aparati za eksplozivna ozračja	Electrical apparatus for explosive atmospheres

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[SIST EN 50055:1997/A1:1997](https://standards.iteh.ai/catalog/standards/sist/e1f48105-3f01-4900-a37c-18e14555cd13/sist-en-50055-1997-a1-1997)

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EUROPEAN STANDARD

EN 50055/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 1995

UDC 614.838.14:621.317.7:614.833.4.620.1
ICS 13.220.60; 19.080

Descriptors: Electrical apparatus, explosive atmosphere, mine susceptible to firedamp, detector, measuring apparatus, flammable gas, combustible gas, characteristic

English version

**Electrical apparatus for the detection and
measurement of combustible gases
Performance requirements for Group I apparatus
indicating up to 5% (v/v) methane in air**

Appareils électriques de détection et de
mesure des gaz combustiblesRègles de performance des appareils du
Groupe I pouvant indiquer jusqu'à 5%
(v/v) de méthane dans l'airElektrische Geräte für das Aufspüren
und die Messung brennbarer GaseAnforderungen an das Betriebsverhalten
von Geräten der Gruppe I mit einem
Messbereich bis zu 5 % (V/V) Methan
in Luft[SIST EN 50055:1997/A1:1997](https://standards.iteh.ai/catalog/standards/sist/en-50055-1997-a1-1997)<https://standards.iteh.ai/catalog/standards/sist/en-50055-1997-a1-1997>

This amendment A1 modifies the European Standard EN 50055:1991; it was approved by CENELEC on 1995-03-06. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

This amendment 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 Technical Committee CENELEC TC 31, Electrical apparatus for explosive atmospheres.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as amendment A1 to EN 50055:1991 on 1995-03-06.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1996-03-15
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 1996-03-15

For products which have complied with EN 50055:1991 before 1996-03-15, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2001-03-15.

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Add after clause 4:

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5 Field calibration kit

SIST EN 50055:1997/A1:1997

The meter or output indication observed during the use of the field calibration kit in a manner corresponding to the manufacturer's instruction, shall not differ from the correct indication by more than $\pm 5\%$ of the measuring range.