SLOVENSKI STANDARD
SIST EN 50104:2002/A1:2004

01-junij-2004

Električne naprave za odkrivanje in merjenje kisika - Zahteve za delovanje in preskusne metode - Dopolnilo A1

Electrical apparatus for the detection and measurement of oxygen - Performance requirements and test methods

Elektrische Geräte für die Detektion und Messung von Sauerstoff - Anforderungen an das Betriebsverhalten und Prüfverfahren

Appareils électriques de détection et de mesure de l'oxygène - Règles de performance et méthodes d'essai

Ta slovenski standard je istoveten z: **EN 50104:2002/A1:2004**

ICS:

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

SIST EN 50104:2002/A1:2004 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 50104/A1

February 2004

ICS 13.320; 29.260.20; 71.040.40

English version

Electrical apparatus for the detection and measurement of oxygen - Performance requirements and test methods

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Elektrische Geräte für die Detektion und Messung von Sauerstoff – Anforderungen an das Betriebsverhalten und Prüfverfahren

This amendment A1 modifies the European Standard EN 50104:2002; it was approved by CENELEC on 2004-02-01. 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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

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Ref. No. EN 50104:2002/A1:2004 E

Foreword

This amendment to the European Standard EN 50104:2002 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 50104:2002 on 2004-02-01.

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) 2004-08-01

- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2004-08-01

Add the following wording at the end of 4.1:

All equipment and components intended for use in potentially explosive atmospheres shall be designed and constructed according to good engineering practice and in conformity with the required categories for group I and II equipment to ensure avoidance of any ignition source. To classify the category of the equipment it shall be subjected to a formal documented hazard analysis.
