

<b>STN</b>	<b>Elektrické zariadenia na detekciu a meranie toxických a horľavých plynov v parkovacích domoch a tuneloch. Časť 1: Všeobecné požiadavky a skúšobné metódy na detekciu a meranie oxidu uhoľnatého a oxidov dusíka. Zmena A1</b>	<b>STN EN 50545-1/A1</b>
		37 8331

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. 08/16

STN EN 50545-1 z februára 2012 sa bez tejto zmeny A1 môže používať do 25. 01. 2019.

Obsahuje: EN 50545-1:2011/A1:2016

**123287**

---

ICS 13.040.50

English Version

Electrical apparatus for the detection and measurement of toxic and combustible gases in car parks and tunnels - Part 1: General performance requirements and test methods for the detection and measurement of carbon monoxide and nitrogen oxides

Appareil électrique de détection de mesure de gaz combustible et toxique dans les parcs de stationnement et les tunnels - Partie 1: Exigences de performance générales et méthodes pour la détection et la mesure du monoxyde de carbone et d'oxyde d'azote

Elektrische Geräte für die Detektion und Messung von toxischen (und brennbaren) Gasen in Tiefgaragen und Tunneln - Teil 1: Allgemeine Anforderungen an das Betriebsverhalten sowie Prüfverfahren für die Detektion und Messung von Kohlenmonoxid und Stickoxiden

This amendment A1 modifies the European Standard EN 50545-1:2011; it was approved by CENELEC on 2016-01-25. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

## Contents

Page

European foreword .....	3
1 Modification to 5.2.1, General .....	4
2 Modifications to 5.2.2, Separate testing of RGS .....	4
3 Modifications to 5.2.3, Separate testing of CU .....	4
4 Modifications to 5.3.1, Apparatus .....	4
5 Modifications to 5.4.2, Aspirated apparatus or aspirated RGS .....	4
6 Modifications to 6.8, Air velocity (for diffusion apparatus only) .....	4

## European foreword

This document (EN 50545-1:2011/A1:2016) has been prepared by CLC/TC 216 "Gas detectors".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2017-01-25
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2019-01-25

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.

### 1 Modification to 5.2.1, General

**koniec náhl'adu – text ďalej pokračuje v platenej verzii STN**