



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 60761-5:2004**

ICS 13.280

**EQUIPMENT FOR CONTINUOUS MONITORING  
RADIOACTIVITY IN GASEOUS EFFLUENTS  
PART 5: SPECIFIC REQUIREMENTS FOR  
TRITIUM MONITORS (IEC 60761-5:2002,  
MODIFIED)**

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EUROPEAN STANDARD

**EN 60761-5**

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2004

ICS 13.280

English version

**Equipment for continuous monitoring radioactivity in gaseous effluents**  
**Part 5: Specific requirements for tritium monitors**  
(IEC 60761-5:2002, modified)

Equipements de surveillance en continu  
de la radioactivité  
dans les effluents gazeux  
Partie 5: Exigences particulières  
aux moniteurs de tritium  
(CEI 60761-5:2002, modifiée)

Einrichtungen zur kontinuierlichen  
Überwachung von Radioaktivität  
in gasförmigen Ableitungen  
Teil 5: Besondere Anforderungen  
an Tritiummonitore  
(IEC 60761-5:2002, modifiziert)

This European Standard was approved by CENELEC on 2004-11-01. 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 Central Secretariat 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 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

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

## Foreword

The text of the International Standard IEC 60761-5:2002, prepared by SC 45B, Radiation protection instrumentation, of IEC TC 45, Nuclear instrumentation, together with the common modifications prepared by the CENELEC BTTF 111-3 Instrumentation for ionizing radiation measurement and protection, was submitted to the formal vote and was approved by CENELEC as EN 60761-5 on 2004-11-01.

The following dates were fixed:

- latest date by which the EN has to be implemented  
at national level by publication of an identical  
national standard or by endorsement (dop) 2005-11-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2007-11-01

Annex ZA has been added by CENELEC.

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### **Endorsement notice**

The text of the International Standard IEC 60761-5:2002 was approved by CENELEC as a European Standard with agreed common modifications as given below.

#### **COMMON MODIFICATIONS**

### **10 Radiation performance tests**

#### **10.7 Susceptibility to gaseous retention**

##### **10.7.2 Test method**

In the third paragraph **replace** 'at its maximum value' by 'at the appropriate value'.

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE Where an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
-	-	Limits and methods of measurement of radio disturbance characteristics of information technology equipment	EN 55022	1994 <sup>1)</sup>
IEC 60068-2-27	1987	Basic environmental testing procedures Part 2: Tests - Test Ea and guidance: Shock	EN 60068-2-27	1993
IEC 60761-1 (mod)	2002	Equipment for continuous monitoring radioactivity in gaseous effluents Part 1: General requirements	EN 60761-1	2004
IEC 61000	Series	Electromagnetic compatibility (EMC)	EN 61000	Series

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<sup>1)</sup> EN 55022:1994 is superseded by EN 55022:1998.

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