



**NSAI**  
Standards

Irish Standard  
I.S. EN 14604:2005

# Smoke alarm devices

## I.S. EN 14604:2005

*Incorporating amendments/corrigenda issued since publication:*

EN 14604:2005/AC:2008

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I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation - recommendation based on the consensus of an expert panel and subject to public consultation.

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*This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):*

*NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.*

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**Smoke alarm devices**

**Dispositifs d'alarme de fumée**

**Rauchwarnmelder**

This corrigendum becomes effective on 22 October 2008 for incorporation in the official English and French versions of the EN.

Ce corrigendum prendra effet le 22 octobre 2008 pour incorporation dans les versions officielles anglaise et française de la EN.

Die Berichtigung tritt am 22. Oktober 2008 zur Einarbeitung in die offizielle Englische und Französische Fassung der EN in Kraft.



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COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Ref. No.: EN 14604:2005/AC:2008 E/F

## **1 Modification to Clause 1, Scope**

*3rd paragraph, 2nd sentence, p.5, replace the following sentence:*

"Smoke alarms with special features, such as radio interlinking or special characteristics and developed for specific risks, are not covered by this document."

*with the following one:*

"Special features of smoke alarms, such as radio interlinking or special characteristics and developed for specific risks, are not covered by this document."

ICS 13.220.20; 13.320

English Version

## Smoke alarm devices

Dispositif d'alarme de fumée

Rauchwarnmelder

This European Standard was approved by CEN on 21 March 2005.

CEN 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 CEN 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 CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies 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.



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## **Foreword**

This document (EN 14604:2005) has been prepared by Technical Committee CEN/TC 72 "Fire detection and fire alarms systems", the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2006, and conflicting national standards shall be withdrawn at the latest by January 2006.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: 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.



## 1 Scope

This document specifies requirements, test methods, performance criteria, and manufacturer's instructions for smoke alarms that operate using scattered light, transmitted light or ionization, intended for household or similar residential application.

This document includes additional requirements for smoke alarms, which are also suitable for use in leisure accommodation vehicles.

For the testing of other types of smoke alarms, or smoke alarms working on different principles, this document should only be used for guidance. Smoke alarms with special features, such as radio interlinking or special characteristics and developed for specific risks, are not covered by this document.

This document allows, although it does not require, the inclusion within the smoke alarm of facilities for interconnection with other similar smoke alarms and/or accessories, and for alarm silencing. Where such facilities are included, this document specifies applicable requirements.

This document does not cover devices intended for incorporation in systems using separate control and indicating equipment.

NOTE Certain types of smoke alarms contain radioactive materials. The national requirements for radiation protection differ from country to country and they are not specified in this document. Such smoke alarms should, however, comply with the applicable national requirements.

## 2 Normative references

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.

EN 54-3, *Fire detection and fire alarm systems — Part 3: Fire alarm devices — Sounders*

EN 573-3, *Aluminium and aluminium alloys — Chemical composition and form of wrought products — Part 3: Chemical composition*

EN 573-4, *Aluminium and aluminium alloys — Chemical composition and form of wrought products — Part 4: Forms of products*

EN 50130-4:1995, *Alarm systems — Part 4: Electromagnetic compatibility — Product family standard: Immunity requirements for components of fire, intruder and social alarm systems*

EN 60065:2002, *Audio, video and similar electronic apparatus — Safety requirements (IEC 60065:2001, modified)*

EN 60068-1:1994, *Environmental testing — Part 1: General and guidance (IEC 60068-1:1988 + Corrigendum 1988 + A1:1992)*

EN 60068-2-6:1995, *Environmental testing — Part 2: Tests — Test Fc: Vibration (sinusoidal) (IEC 60068-2-6:1995 + Corrigendum 1995)*

EN 60068-2-42:2003, *Environmental testing — Part 2-42: Tests — Test Kc: Sulphur dioxide test for contacts and connections (IEC 60068-2-42:2003)*

EN 60950-1:2001, *Information technology equipment — Safety — Part 1: General requirements (IEC 60950-1:2001, modified)*

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