



**National Standards Authority of Ireland**

**STANDARD**

**I.S. EN ISO 14163:1999**

ICS 17.140.01

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**ACOUSTICS - GUIDELINES FOR NOISE  
CONTROL BY SILENCERS (ISO 14163:1998)**

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Descriptors: see ISO document

English version

**Acoustics - Guidelines for noise control by silencers (ISO  
14163:1998)**

Acoustique - Lignes directrices pour la réduction du bruit au  
moyen de silencieux (ISO 14163:1998)

Akustik - Richtlinien für den Schallschutz durch  
Schalldämpfer (ISO 14163:1998)

This European Standard was approved by CEN on 21 September 1998.

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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
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## **Foreword**

The text of the International Standard ISO 14163:1998 has been prepared by Technical Committee ISO/TC 43 "Acoustics" in collaboration with Technical Committee CEN/TC 211 "Acoustics", the secretariat of which is held by DS.

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of an identical text or by endorsement, at the latest by April 1999, and conflicting national standards shall be withdrawn at the latest by April 1999.

**NOTE FROM CEN/CS:** The foreword is susceptible to be amended on reception of the German language version. The confirmed or amended foreword, and when appropriate, the normative annex ZA for the references to international publications with their relevant European publications will be circulated with the German version.

## **Endorsement notice**

The text of the International Standard ISO 14163:1998 was approved by CEN as a European Standard without any modification.

Corrected 1999-02-18

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NOTE: Normative references to International Standards are listed in annex ZA (normative).

**Annex ZA (normative)**  
**Normative references to international publications**  
**with their relevant European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 3741	1988	Acoustics – Determination of sound power levels of noise sources – Precision methods for broad-band sources in reverberation rooms	EN 23741	1991
ISO 3744	1994	Acoustics – Determination of sound power levels of noise sources using sound pressure – Engineering method in an essentially free field over a reflecting plane	EN ISO 3744	1995
ISO 7235	1991	Acoustics – Measurement procedures for ducted silencers – Insertion loss, flow noise and total pressure loss	EN ISO 7235	1995
ISO 11691	1995	Acoustics – Measurement of insertion loss of ducted silencers without flow – Laboratory survey method	EN ISO 11691	1995
ISO 11820	1996	Acoustics – Measurements on silencers in situ	EN ISO 11820	1996

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