



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61063:1999

ICS 17.140.20  
27.040

**ACOUSTICS - MEASUREMENT OF  
AIRBORNE NOISE EMITTED BY STEAM  
TURBINES AND DRIVEN MACHINERY  
(IEC 1063:1991)**

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**EUROPEAN STANDARD**  
**NORME EUROPÉENNE**  
**EUROPÄISCHE NORM**

**EN 61063**

January 1996

ICS 17.140.20

Descriptors: Acoustics, acoustic measurement, acoustic test, machine noise, air noise, turbine, environment, acoustic pressure, level, calculation

English version

**Acoustics**  
**Measurement of airborne noise emitted by**  
**steam turbines and driven machinery**  
**(IEC 1063:1991)**

**Acoustique**  
**Mesure du bruit aérien émis par**  
**les turbines à vapeur et les**  
**machines entraînées**  
**(CEI 1063:1991)**

**Akustik**  
**Messung von luftübertragenen**  
**Geräuschen emittiert von**  
**Dampfturbinen und angetriebenen**  
**Maschinen**  
**(IEC 1063:1991)**

This European Standard was approved by CENELEC on 1995-05-15. 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, 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 1063:1991, prepared by IEC TC 5, Steam turbines, was submitted to the formal vote and was approved by CENELEC as EN 61063 on 1995-05-15 without any modification.

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) 1996-07-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 1996-07-01

Annexes designated "normative" are part of the body of the standard.  
In this standard, annexes A and ZA are normative.  
Annex ZA has been added by CENELEC.

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### Endorsement notice

The text of the International Standard IEC 1063:1991 was approved by CENELEC as a European Standard without any modification.

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**Annex ZA (normative)****Normative references to international publications  
with their corresponding 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 (including amendments).

NOTE: When 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>
IEC 50(801)	1984	International Electrotechnical Vocabulary (IEV) Chapter 801: Acoustics and electro-acoustics	-	-
IEC 268-4	1972	Sound system equipment Part 4: Microphones	-	-
IEC 651	1979	Sound level meters	EN 60651	1994
ISO 3740	1980	Acoustics - Determination of sound power levels of noise sources - Guidelines for the use of basic standards and for the preparation of noise test codes	-	-
ISO 3744	1981	Acoustics - Determination of sound power levels of noise sources - Engineering methods for free-field conditions over a reflecting plane	-	-
ISO 3746	1979	Acoustics - Determination of sound power levels of noise sources - Survey method	-	-
ISO 6926-2	-	Acoustics - Determination of sound power levels of noise sources - Requirements for the performances and calibration of reference sound sources (in preparation)	-	-



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