

Acoustics — Measurement of airborne noise emitted by steam turbines and driven machinery

The European Standard EN 61063:1996 has the status of a
British Standard

ICS 17.140.20; 27.040

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee MCE/13, Steam turbines, upon which the following bodies were represented:

- Association of Consulting Engineers
- Electricity Supply Industry in England and Wales
- North of Scotland Hydro-electric Board
- Power Generation Association (BEAMA Ltd.)
- South of Scotland Electricity Board

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National foreword

This British Standard has been prepared by Technical Committee MCE/13 and is the English language version of EN 61063:1996 *Acoustics — Test code for the measurement of airborne noise emitted by steam turbines and driven machinery* published by the European Committee for Electrotechnical Standardization (CENELEC). It is identical with IEC 1063:1991 published by the International Electrotechnical Commission (IEC).

For graphical symbols, and letter symbols and signs approved by the IEC for general use, readers are referred to:

- IEC Publication 27: *Letter symbols to be used in electrical technology*
- IEC Publication 617: *Graphical symbols for diagrams*

The symbols and signs contained in the present publication have either been taken from IEC Publication 27 or 617, or been specifically approved for the purpose of this publication.

For general terminology, readers are referred to IEC Publication 50: *International Electrotechnical Vocabulary* (IEV), which is issued in the form of separate chapters each dealing with a specific field, the General Index being published as a separate booklet. Full details of the IEV will be supplied on request¹⁾.

The terms and definitions contained in the present publication have either been taken from the IEC or have been specifically approved for the purpose of this publication.

Some Sections and Parts of BS 4727 are identical with or technically equivalent to IEC Publication 50. All Parts of BS 3939, except for Part 1, are identical with IEC Publication 617.

EN 61063 was produced as a result of international discussion in which the United Kingdom took an active part.

Cross-references

Publication referred to	Corresponding British Standard
IEC 50(801):1984 ^a	BS 4727 <i>Glossary of electrotechnical, power, telecommunication, electronics, lighting and colour terms</i> Part 3 <i>Terms particular to telecommunications and electronics</i> Group 08:1995 <i>Acoustics and electroacoustics</i>
IEC 268-4:1972	BS 6840 <i>Sound system equipment</i> Part 4:1987 <i>Methods for specifying and measuring the characteristics of microphones</i>
EN 60651:1994 (IEC 651:1979)	BS EN 60651:1994 <i>Specification for sound level meters</i>
ISO 3740:1980	BS 4196 <i>Sound power levels of noise sources</i> Part 0:1981 <i>Guide for the use of basic standards and for the preparation of noise test codes</i>
ISO 3744:1981 ^b	BS EN ISO 3744:1995 <i>Acoustics. Determination of sound power levels of noise sources using sound pressure.</i> <i>Engineering method in essentially free-field over a reflecting plane</i>

^a IEC 50(801):1984 has been superseded by IEC 50(801):1994 with which the British Standard cited is identical.

^b ISO 3744:1981 has been superseded by ISO 3744:1994 with which the British Standard cited is identical.

¹⁾ Available from BSI, Customer Services, Sales Department, 389 Chiswick High Road, London W4 4AL.

ISO 3746:1979

BS 4196 *Sound power levels of noise sources*
Part 6:1981 *Survey method for determination of
sound power levels of noise sources*

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Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, the EN title page, pages 2 to 14, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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 de 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)

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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.

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CENELEC

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

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