

Acoustics — Determination of sound power levels of noise sources — Engineering methods for small, movable sources in reverberant fields —

**Part 1: Comparison for hard-walled test
rooms**

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Environment and Pollution Standards Policy Committee (EPC/-) to Technical Committee EPC/1, upon which the following bodies were represented:

- Association of Consulting Engineers
- British Broadcasting Corporation
- British Occupational Hygiene Society
- British Telecommunications plc
- Department of the Environment (Building Research Establishment)
- Department of Trade and Industry (National Physical Laboratory)
- Health and Safety Executive
- Institute of Acoustics
- Institute of Occupational Hygienists
- Institute of Sound and Vibration Research
- Institution of Electrical Engineers
- Royal Institute of British Architects
- Society of Environmental Engineers

This British Standard, having been prepared under the direction of the Environment and Pollution Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 August 1994

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National foreword

This British Standard reproduces verbatim ISO 3743-1:1994 and implements it as the UK national standard.

In 1995 the European Committee for Standardization (CEN) accepted ISO 3743-1:1994 as European Standard EN ISO 3743-1:1995. As a consequence of implementing the European Standard this British Standard is renumbered as BS EN ISO 3743-1 and any reference to BS ISO 3743-1 should be read as a reference to BS EN ISO 3743-1.

This British Standard is published under the direction of the Environment and Pollution Standards Policy Committee whose Technical Committee EPC/1 has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international committee any enquiries on interpretation, or proposals for change, and keep UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN ISO title page, page 2, the ISO title page, pages ii to iv, pages 1 to 12, 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.

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English version

Acoustics — Determination of sound power levels of noise sources — Engineering methods for small, movable sources in reverberant fields — Part 1: Comparison method for hard-walled test rooms

(ISO 3743-1:1994)

Acoustique — Détermination des niveaux de puissance acoustique émis par les sources de bruit — Méthodes d'expertise en champ réverbéré applicables aux petites sources transportables — Partie 1: Méthode par comparaison en salle d'essai à parois dures (ISO 3743-1:1994)

Akustik — Bestimmung der Schalleistungspegel von Geräuschquellen — Verfahren der Genauigkeitsklasse 2 für kleine, transportable Quellen in Hallfeldern — Teil 1: Vergleichsverfahren in Prüfräumen mit schallharten Wänden (ISO 3743-1:1994)

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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 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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CEN

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

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Foreword

The text of the International Standard has been taken as a European Standard by the Technical Committee CEN/TC 211, Acoustics, from ISO/TC 43, Acoustics, of the International Organization for Standardization (ISO).

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 December 1995, and conflicting national standards shall be withdrawn at the latest by December 1995.

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

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

INTERNATIONAL STANDARD

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Acoustics — Determination of sound power levels of noise sources — Engineering methods for small, movable sources in reverberant fields —

Part 1:

Comparison method for hard-walled test
rooms

*Acoustique — Détermination des niveaux de puissance acoustique émis
par les sources de bruit — Méthodes d'expertise en champ réverbéré
applicables aux petites sources transportables —*

Partie 1: Méthode par comparaison en salle d'essai à parois dures



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