

Acoustics — Noise emitted by machinery and equipment — Guidelines for the use of basic standards for the determination of emission sound pressure levels at a work station and at other specified positions

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee EH/1, Acoustics, 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 Health
- 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

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- Advanced Manufacturing Technology Research Institute
- Agricultural Engineers Association
- British Cement Association
- British Compressed Air Society
- British Industrial Truck Association
- British Iron and Steel Producers Association
- Construction Industry Research and Information Association
- Department of Trade and Industry (National Engineering Laboratory)
- Engineering Industries Association
- Fan Manufacturers Association
- Federation of the Electronics Industry
- Federation of Manufacturers of Construction Equipment and Cranes
- Federation of Piling Specialists
- Hevac Association
- Institution of Engineering Designers
- Institution of Mechanical Engineers
- National Specialist Contractors Council
- Rotating Electrical Machines Association
- University of Liverpool
- University of Manchester

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National foreword

This British Standard has been prepared by Technical Committee EH/1 and is the English language version of EN ISO 11200:1995 *Acoustics — Noise emitted by machinery and equipment — Guidelines for the use of basic standards for the determination of emission sound pressure levels at a work station and at other specified positions*, and its corrigendum published in April 1997, published by the European Committee for Standardization (CEN). It is identical with ISO 11200:1995 published by the International Organization for Standardization (ISO).

Cross-references

Publication referred to	Corresponding British Standard
	BS 4196 <i>Sound power levels of noise sources</i>
ISO 3740:1980	Part 0:1981 <i>Guide for the use of basic standards and for the preparation of noise test codes</i>
ISO 3741:1988	Part 1:1991 <i>Precision methods for determination of sound power levels for broad-band sources in reverberation rooms</i>
ISO 3742:1988	Part 2:1991 <i>Precision methods for determination of sound power levels for discrete-frequency and narrow-band sources in reverberation rooms</i>
	BS EN ISO 3743 <i>Acoustics. Determination of sound power levels of noise sources. Engineering methods for small, movable sources in reverberant fields</i>
ISO 3743-1:1994	Part 1:1995 <i>Comparison for hard-walled test rooms</i>
ISO 3743-2:1994	Part 2:1994 <i>Methods for special reverberation test rooms</i>
ISO 3744:1994	BS EN ISO 3744:1995 <i>Acoustics. Determination of sound power levels of noise sources using sound pressure. Engineering method in an essentially free field over a reflecting plane</i>
ISO 3745:1977	BS 4196 <i>Sound power levels of noise sources</i> Part 5:1981 <i>Precision methods for determination of sound power levels for sources in anechoic and semi-anechoic rooms</i>
ISO 3746:1995	BS EN ISO 3746:1996 <i>Acoustics — Determination of sound power levels of noise sources using sound pressure — Survey method using an enveloping measurement surface over a reflecting plane</i>
ISO 3747:1987	BS 4196 <i>Sound power level of noise sources</i> Part 7:1988 <i>Survey method for determination of sound power levels of noise sources using a reference sound source</i>
ISO 9614-1:1993	BS EN ISO 9614-1:1995 <i>Acoustics. Determination of sound power levels of noise sources using sound intensity Measurement at discrete points</i>
ISO 11201:1995	BS EN ISO 11201:1996 <i>Acoustics — Noise emitted by machinery and equipment — Measurement of emission sound pressure levels at a work station and at other specified positions — Engineering method in an essentially free field over a reflecting plane</i>

Publication referred to	Corresponding British Standard
ISO 11202:1995	BS EN ISO 11202:1996 <i>Acoustics — Noise emitted by machinery and equipment — Measurement of emission sound pressure levels at a work station and at other specified positions — Survey method in situ</i>
ISO 11203:1995	BS EN ISO 11203:1996 <i>Acoustics — Noise emitted by machinery and equipment — Determination of emission sound pressure levels at a work station and at other specified positions from the second power level</i>
ISO 11204:1995	BS EN ISO 11204:1996 <i>Acoustics — Noise emitted by machinery and equipment — Measurement of emission sound pressure levels at a work station and at other specified positions — Method requiring environmental corrections</i>
IEC 651:1979	BS EN 60651:1994 <i>Specification for sound level meters</i>
IEC 804:1985	BS EN 60804:1994 <i>Specification for integrating-averaging sound level meters</i>
IEC 942:1988	BS 7189:1989 <i>Specification for sound calibrators</i>

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Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, the EN ISO 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.

Descriptors: Acoustics, operating stations, human factors engineering, noise:sound, engine noise, acoustic measurements, sound pressure, level quantity

English version

Acoustics — Noise emitted by machinery and equipment — Guidelines for the use of basic standards for the determination of emission sound pressure levels at a work station and at other specified positions

(ISO 11200:1995)

Acoustique — Bruit émis par les machines et
équipements — Guide d'utilisation des normes
de base pour la détermination des niveaux de
pression acoustique d'émission au poste de
travail et en d'autres positions spécifiées
(ISO 11200:1995)

Akustik — Geräuschabstrahlung von
Maschinen und Geräten — Leitlinien
zur Anwendung der Grundnormen zur
Bestimmung von Emissions-Schalldruckpegeln
am Arbeitsplatz und an anderen festgelegten
Orten
(ISO 11200:1995)

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