

Acoustics — Recommended practice for the design of low-noise workplaces containing machinery —

Part 2: Noise control measures

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National foreword

This British Standard is the English language version of EN ISO 11690-2:1996. It is identical with ISO 11690-2:1996.

The UK participation in its preparation was entrusted by Technical Committee EH/1, Acoustics, to Subcommittee EH/1/4, Machinery noise, which has the responsibility to:

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

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

Cross-references

Attention is drawn to the fact that Annex ZA lists normative references to international publications with their corresponding European publications. The British Standards which implement these international or European publications may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or using the “Find” facility of the BSI Standards Electronic Catalogue.

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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 2, the ISO title page, pages ii to iv, pages 1 to 20, 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.

This British Standard, having been prepared under the direction of the Health and Environment Sector Board, was published under the authority of the Standards Board and comes into effect on 15 May 1997

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English version

Acoustics — Recommended practice for the design
of low-noise workplaces containing machinery —
Part 2: Noise control measures

(ISO 11690-2:1996)

Acoustique — Pratique recommandée pour la
conception de lieux de travail à bruit réduit
contenant des machines — Partie 2: Moyens de
réduction du bruit
(ISO 11690-2:1996)

Akustik — Richtlinien für die Gestaltung
lärmarmen maschinenbestückter
Arbeitsstätten — Teil 2:
Lärmminderungsmaßnahmen
(ISO 11690-2:1996)

This European Standard was approved by CEN on 1996-10-16. 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.

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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 ISO 11690-2:1996 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 month of May 1997, and conflicting national standards shall be withdrawn at the latest by month of May 1997.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of 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.

Endorsement notice

The text of the International Standard ISO 11690-2:1996 was approved by CEN as a European Standard without any modification.

INTERNATIONAL STANDARD

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Acoustics — Recommended practice for the design of low-noise workplaces containing machinery —

Part 2: Noise control measures

*Acoustique — Pratique recommandée pour la conception de lieux de travail
à bruit réduit contenant des machines —*

Partie 2: Moyens de réduction du bruit



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Descriptors: Acoustics, machinery, noise (sound), engine noise, noise reduction, workplaces, design, implementation.

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 11690-2 was prepared by Technical Committee ISO/TC 43, *Acoustics*, Subcommittee SC 1, *Noise*.

ISO 11690 consists of the following parts, under the general title *Acoustics — Recommended practice for the design of low-noise workplaces containing machinery*:

- *Part 1: Noise control strategies*;
- *Part 2: Noise control measures*;
- *Part 3: Sound propagation and noise prediction in workrooms*.

Part 1 is the central document in the series. Parts 2 and 3 give additional technical and explanatory information. It is therefore recommended to start with part 1.

Annex A to Annex K of this part of ISO 11690 are for information only.

