

Specification for

Threshold of hearing by air conduction as a function of age and sex for otologically normal persons

[ISO title: Acoustics — Threshold of hearing by air conduction as a function of age and sex for otologically normal persons]

The European Standard EN 27029:1991 has the status of a British Standard.

UDC 534.75:612.85

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- British Broadcasting Corporation
- British Occupational Hygiene Society
- British Telecommunications plc
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- Department of Trade and Industry (Air Division)
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The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- British Association of Otolaryngologists
- British Society of Audiology
- Confederation of British Industry
- Medical Research Council
- Motor Industry Research Association
- Royal College of Surgeons of England
- Royal National Institute for the Deaf
- Royal Society of Medicine

This British Standard, having been prepared under the direction of the Environment and Pollution Standards Committee, was published under the authority of the Board of BSI and comes into effect on 29 February 1988

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Amendments issued since publication

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National foreword

This British Standard has been prepared under the direction of the Environment and Pollution Standards Committee and is identical with ISO 7029:1984 “Acoustics — Threshold of hearing by air conduction as a function of age and sex for otologically normal persons”, published by the International Organization for Standardization (ISO). ISO 7029 was prepared by Technical Committee 43 Acoustics, with the active participation and approval of the UK.

This British Standard brings up to date earlier data in BS 3383:1961 which is superseded by BS 3383:1988 and is withdrawn.

In 1991 the European Committee for Standardization (CEN) accepted ISO 7029:1984 as European Standard EN 27029:1991.

Terminology and conventions. The text of the International Standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

Wherever the words “International Standard” appear, referring to this standard, they should be read as “British Standard”.

Cross-references

International Standard	Corresponding British Standard
	BS 2497 <i>Standard reference zero for the calibration of pure tone air conduction audiometers</i>
ISO 389:1985	Part 5:1988 <i>Specification for a standard reference zero using an acoustic coupler complying with BS 4668</i> (Identical)
ISO 389/ Addendum 1:1983	Part 6:1988 <i>Specification for a standard reference zero using an artificial ear complying with BS 4669</i> (Identical)
ISO 389/ Addendum 2:1986	Part 7:1988 <i>Specification for a standard reference zero at frequencies intermediate between those given in Parts 5 and 6 of BS 2497</i> (Identical)
ISO 6189:1983	BS 6655:1986 <i>Specification for pure tone air conduction threshold audiometry for hearing conservation purposes</i> (Identical)
IEC 645:1979	BS 5966:1980 <i>Specification for audiometers</i> (Identical)

The references to the draft revision of ISO 1999 in clause 1 and to the draft of ISO 8253 in 3.2 are given for information only and do not affect the use of this British Standard.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 8, 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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Descriptors: Acoustics, audiometry, audibility, auditory threshold, humans

English version

Acoustics — Threshold of hearing by air conduction as a function of age and sex for otologically normal persons

(Identical with ISO 7029:1984)

Acoustique — Seuil normal d'audition par
conduction aérienne en fonction de l'âge
et du sexe pour les personnes
otologiquement normales
(Identique à l'ISO 7029:1984)

Akustik — Luftleitungshörschwelle in
Abhängigkeit von Alter und Geschlecht
otologisch normaler Personen
(Identisch mit ISO 7029:1984)

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