AS/NZS ISO 8253.2:2019
ISO 8253-2:2009

AS/NZS ISO 8253.2:2019

Australian/New Zealand Standard™

Acoustics—Audiometric test methods

Part 2: Sound field audiometry with pure-tone and narrow-band test signals

AS/NZS ISO 8253.2:2019

This Joint Australian/New Zealand Standard™ was prepared by Joint Technical Committee AV-003, Acoustics Human Effects. It was approved on behalf of the Council of Standards Australia on 29 January 2019 and by the New Zealand Standards Approval Board on 30 January 2019.

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The following are represented on Committee AV-003:

Accident Compensation Corporation (New Zealand)
Association of Australasian Acoustical Consultants
Australian Acoustical Society
Australian Chamber of Commerce and Industry
Australian Council of Trade Unions
Australian Hearing
Engineers Australia
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New Zealand Audiological Society
Worksafe Division, Department of Commerce, Western Australia

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Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee AV-003, Acoustics Human Effects, to supersede AS ISO 8253.2—2009, *Acoustics—Audiometric test methods, Part 2: Sound field audiometry with pure tone and narrow-band test signals.*

The objective of this Standard is to specify relevant test signal characteristics, requirements for free, diffuse, and quasi-free sound fields, and procedures for sound field audiometry using pure tones, frequency-modulated tones or other narrow-band test signals presented by means of one or more loudspeakers. The primary purpose is the determination of hearing threshold levels in the frequency range 125 Hz to 8 000 Hz, but this range can be extended to 20 Hz to 16 000 Hz. This Standard does not include specifications for the use of hand-held loudspeakers. Speech as a test signal is not covered.

The purpose of AS/NZS ISO 8253.2 is to ensure that tests of hearing, using sound field audiometry, give as high a degree of accuracy and reproducibility as possible.

This Standard is identical with, and has been reproduced from, ISO 8253-2:2009, *Acoustics — Audiometric test methods — Part 2: Sound field audiometry with pure-tone and narrow-band test signals.*

As this document has been reproduced from an International Standard, the following applies:

(a) In the source text "this part of ISO 8253" should read "this Australian/New Zealand Standard".

(b) A full point substitutes for a comma when referring to a decimal marker.

Australian or Australian/New Zealand Standards that are identical adoptions of international normative references may be used interchangeably. Refer to the online catalogue for information on specific Standards.

The term "informative" is used in Standards to define the application of the annexes to which it applies. An "informative" annex is only for information and guidance.

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