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Acoustics — Audiometric test methods —

Part 3: Speech audiometry

*Acoustique — Méthodes d'essais audiométriques —
Partie 3: Audiométrie vocale*



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Foreword

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This document was prepared by Technical Committee ISO/TC 43, *Acoustics*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 211, *Acoustics*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 8253-3:2012), which has been technically revised. The main changes compared to the previous edition are as follows:

- The technical requirements for recording of speech material were adapted to recent equipment and technology.
- The determination of reference speech recognition curves was revised. An annex that gives advices on how to determine the minimum number of subjects was introduced.
- The determination of speech recognition threshold levels is described in a more general manner.
- Symbols for the graphical representation of speech audiometry results were introduced.

A list of all the parts in the ISO 8253 series can be found on the ISO website.

Introduction

Speech audiometry is used for the assessment of hearing in connection with diagnostic evaluation and audiological rehabilitation.

The results of speech audiometry depend on the speech material and test method used. This document sets conditions for speech materials in order to ensure minimum requirements of precision and comparability between different tests using different speech materials including materials in different languages. It also specifies procedures to be used when testing speech recognition.