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Respiratory protective devices — Human factors —

Part 7: Hearing and speech

*Appareils de protection respiratoire — Facteurs humains —
Partie 7: Discours et audition*



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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 94, *Personal safety — Personal protective equipment*, Subcommittee SC 15, *Respiratory protective devices*.

This first edition of ISO 16976-7 cancels and replaces the second edition (ISO/TS 16976-7:2019), which has been technically revised.

The main changes as follows:

- requirements more specified.

A list of all parts in the ISO 16976 series can be found on the ISO website.

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Introduction

For an appropriate design, selection and use of respiratory protective devices, basic physiological demands of the user should be considered. The function of a respiratory protective device, the way it is designed and used, and the properties of its material can affect communications: either speech or hearing or both.

This document belongs to a series of documents providing basic physiological and anthropometric data on humans. It contains information about hearing and speech associated with wearing respiratory protective devices.