PD ISO/TS 16976-7:2020

BSI Standards Publication

Respiratory protective devices — Human factors

Part 7: Hearing and speech

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National foreword

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

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Contents

Page

Foreword ..... **iv**
Introduction ..... **v**
1 Scope **1**
2 Normative references **1**
3 Terms and definitions, and abbreviated terms **1**
3.1 Terms and definitions 1
3.2 Abbreviated terms 2
4 Range of hearing and speech **2**
5 Measurement of sound pressure **3**
6 Physiology of the ear **4**
6.1 General 4
6.2 Outer ear 5
6.3 Middle ear 5
6.4 Inner ear 6
7 Hearing loss **6**
7.1 Conductive hearing loss 6
7.2 Ototoxicity 6
7.3 Presbycusis 6
7.4 Noise induced hearing loss (NIHL) 6
7.5 Other types of hearing loss 7
7.6 Other effects of noise 7
7.6.1 General 7
7.6.2 Effects on the wearer 7
8 Noise exposure limits **9**
8.1 Workplace exposure levels and durations 9
8.2 Peak limit value 12
9 Speech and hearing difficulties **12**
Bibliography **13**

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Foreword

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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 second edition cancels and replaces the first edition (ISO/TS 16976-7:2013), which has been technically revised. The main changes compared to the previous edition are as follows:

— new definitions were added;

— introduction of references to IEC-standards;

— reference to B-weighting was removed;

— a number of references in Bibliography were removed.

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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.

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