

**Hingamisteede kaitsevahendid.
Katsemeetodid. Osa 5:
Kliimatingimused**

Respiratory protective devices - Methods of test -
Part 5: Climatic conditions

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 13274-5:2001 sisaldab Euroopa standardi EN 13274-5:2001 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 19.12.2001 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 13274-5:2001 consists of the English text of the European standard EN 13274-5:2001.</p> <p>This document is endorsed on 19.12.2001 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: This European Standard specifies temperature, humidity, duration and method of application for climatic conditioning of respiratory protective devices.</p>	<p>Scope: This European Standard specifies temperature, humidity, duration and method of application for climatic conditioning of respiratory protective devices.</p>
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ICS 13.340.30

Võtmesõnad: artificial breathing apparatus, hats, human body, occupant, particle filters, protective clothing, protective equipment, respirators, respiratory system, safety, safety engineering, specification (approval), specifications, temperature, testing, workplace safety

ICS 13.340.30

English version

**Respiratory protective devices - Methods of test - Part 5:
Climatic conditions**

Appareils de protection respiratoire - Méthodes d'essai -
Partie 5: Conditions climatiques

Atemschutzgeräte - Prüfverfahren - Teil 5:
Klimabedingungen

This European Standard was approved by CEN on 16 March 2001.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 79, "Respiratory protective devices", the Secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2001, and conflicting national standards shall be withdrawn at the latest by October 2001.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this standard.

EN 13274-5 is one of several parts, which are as follows:

Part 1: Determination of inward leakage and total inward leakage

Part 2: Practical performance tests

Part 3: Determination of breathing resistance

Part 4: Flame tests

Part 5: Climatic conditions

Part 6: Determination of carbon dioxide content of inhalation air

Part 7: Determination of particle filter penetration

Part 8: Determination of dolomite dust clogging of particle filters

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

This Standard is intended as a supplement to the specific device standards for respiratory protective devices. Climatic conditions are specified for complete or parts of devices. If deviations from the climatic conditions given in this standard are necessary, these deviations will be specified in the relevant device standard.

1 Scope

This European Standard specifies temperature, humidity, duration and method of application for climatic conditioning of respiratory protective devices.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 132, *Respiratory protective devices - Definitions of terms and pictograms*

3 Terms and definitions

For the purposes of this European Standard, the terms and definitions of EN 132 together with the following terms and definitions apply:

3.1

ambient conditions

atmosphere where the temperature is 16 °C to 32 °C and the relative humidity is $(50 \pm 30) \%$

3.2

dry atmosphere

atmosphere where the relative humidity is less than 20 %

3.3

wet atmosphere

atmosphere where the relative humidity is greater than or equal to 95 %

4 Pre-requisites

In order to implement this European Standard at least the following parameters need to be specified in the relevant device standard:

- Items to be tested;
- Number of specimens;
- Selection of conditioning phases;
- Sequence of conditioning phases, where more than one is required;
- Specification of any observations to be carried out;
- Orientation and position of specimen during conditioning;
- Condition of specimen, e.g. packaged, sealed, fully assembled.