ILNAS

Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN 403:2004

Respiratory protective devices for self-rescue - Filtering devices with hood for escape from fire - Requirements, testing, marking

Appareils de protection respiratoire pour l'évacuation - Appareils filtrants avec cagoule pour l'évacuation d'un incendie - Exigences, essais, marquage

Atemschutzgeräte für Selbstrettung - Filtergeräte mit Haube zur Selbstrettung bei Bränden - Anforderungen, Prüfung, Kennzeichnung

05/2004

National Foreword

This European Standard EN 403:2004 was adopted as Luxembourgish Standard ILNAS-EN 403:2004.

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- Participate in the design of standards
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ILNAS-EN 403:2004

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 403

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English version

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This European Standard was approved by CEN on 16 January 2004.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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Foreword

This document (EN 403:2004) 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of an identical text or by endorsement, at the latest by November 2004, and conflicting national standards shall be withdrawn at the latest by November 2004.

This document supersedes EN 403:1993.

This document 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 document.

Annex A is informative.

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

Introduction

A given respiratory protective device can only be approved when the individual components satisfy the requirements of the test specification which may be a complete standard or part of a standard, and practical performance tests have been carried out successfully on complete devices where specified in the appropriate standard. If for any reason a complete device is not tested then simulation of the device is permitted provided the respiratory characteristics and mass distribution are similar to those of the complete device.

1 Scope

This European Standard refers to filtering devices with a hood for personal escape from particulate matter, carbon monoxide and other toxic gases produced by fire. It specifies minimum requirements for this device which is for single use. It does not cover devices designed for use in circumstances where there is or might be an oxygen deficiency (oxygen less than 17 % by volume).

Two types of devices are specified; namely, those designed to be carried on the person and those designed to be stored.

This standard specifies devices primarily designed for adult users. Some devices may not be suitable for children.

Laboratory and practical performance tests are included for the assessment of compliance with the requirements.

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 132:1998, *Respiratory protective devices – Definitions of terms and pictograms*

EN 134:1998, *Respiratory protective devices – Nomenclature of components*

EN 136, *Respiratory protective devices - Full face masks - Requirements, testing, marking*

EN 140, *Respiratory protective devices - Half masks and quarter masks - Requirements, testing, marking*

EN 141:2000, *Respiratory protective devices - Gas filters and combined filters - Requirements, testing, marking*

EN 143:2000, *Respiratory protective devices - Particle filters - Requirements, testing, marking*

EN 405, *Respiratory protective devices – Valved filtering half masks to protect against gases or gases and particles – Requirements, testing, marking*

EN 12941, *Respiratory protective devices - Powered filtering devices incorporating a helmet or a hood - Requirements, testing, marking*

EN 13274-1, *Respiratory protective devices - Methods of test - Part 1: Determination of inward leakage and total inward leakage*

EN 13274-4, *Respiratory protective devices - Methods of test - Part 4: Flame tests*

EN 13274-5:2001, *Respiratory protective devices - Methods of test - Part 5: Climatic conditions*

3 Terms and definitions

For the purposes of this European Standard, the terms and definitions given in EN 132:1998 and EN 134:1998 apply.