



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 12419:1999**

ICS 13.340.30

**RESPIRATORY PROTECTIVE DEVICES - LIGHT  
DUTY CONSTRUCTION COMPRESSED AIR  
LINE BREATHING APPARATUS  
INCORPORATING A FULL FACE MASK, HALF  
MASK OR QUARTER MASK - REQUIREMENTS,  
TESTING, MARKING**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 12419**

May 1999

ICS 13.340.30

English version

**Respiratory protective devices - Light duty construction  
compressed air line breathing apparatus incorporating a full face  
mask, half mask or quarter mask - Requirements, testing,  
marking**

Appareils de protection respiratoire - Appareils de  
protection respiratoire isolants à adduction d'air comprimé  
de construction légère, avec masque complet, demi-  
masque ou quart de masque - Exigences, essais,  
marquage

Atemschutzgeräte - Leichtschlauchgeräte mit Vollmaske,  
Halbmaske oder Viertelmaske für leichte Einsätze -  
Anforderungen, Prüfung, Kennzeichnung

This European Standard was approved by CEN on 15 April 1999.

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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPAISCHES KOMITEE FÜR NORMUNG

**Central Secretariat: rue de Stassart, 36 B-1050 Brussels**

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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 November 1999, and conflicting national standards shall be withdrawn at the latest by November 1999.

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.

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

A given piece of respiratory equipment can only be approved, when individual components satisfy the requirements of specifications which may be complete standards or parts of standards and practical performance tests have been carried out successfully on the complete apparatus where specified in the appropriate standard. If for any reason a complete apparatus is not tested then simulation of the apparatus is permitted provided the respiratory characteristics and weight distribution are similar to those of the complete apparatus.

## 1 Scope

This European Standard specifies the minimum requirements for light duty construction compressed air line breathing apparatus incorporating a full face mask, half mask or quarter mask which is intended for use in gaseous, particulate or combined contaminated atmospheres.

Such equipment is intended for use in work situations where the risk of damage to the compressed air supply tube is low and where movements of the wearer are limited. Escape and diving apparatus and that used in abrasive blasting conditions are not covered by this European Standard.

Laboratory tests 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.

EN 132	Respiratory protective devices - Definitions of terms and pictograms
EN 134	Respiratory protective devices - Nomenclature of components
EN 136:1998	Respiratory protective devices - Full face masks - Requirements, testing, marking
EN 140:1998	Respiratory protective devices - Half masks and quarter masks - Requirements, testing, marking
EN 148-1:1998	Respiratory protective devices - Threads for facepieces - Part 1: Standard thread connection
EN 148-2:1998	Respiratory protective devices - Threads for facepieces - Part 2: Centre thread connection

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