

# ILNAS

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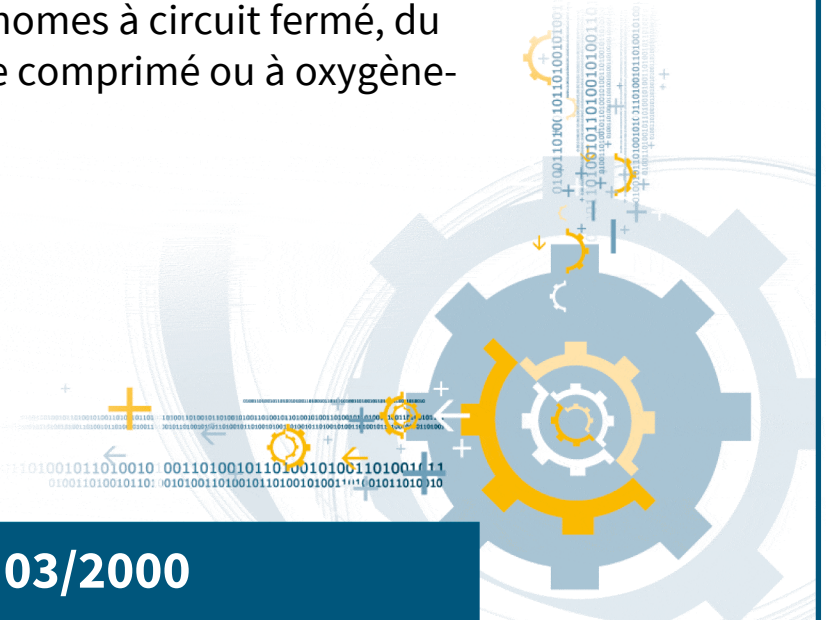
## ILNAS-EN 145:1997/A1:2000

### **Respiratory protective devices - Self- contained closed-circuit breathing apparatus compressed oxygen or compressed oxygen-nitrogen type -**

Atemschutzgeräte - Regenerationsgeräte  
mit Drucksauerstoff oder  
Drucksauerstoff/-stickstoff -  
Anforderungen, Prüfung, Kennzeichnung

Appareils de protection respiratoire -  
Appareils de protection respiratoire  
isolants autonomes à circuit fermé, du  
type à oxygène comprimé ou à oxygène-

03/2000



## National Foreword

This European Standard EN 145:1997/A1:2000 was adopted as Luxembourgish Standard ILNAS-EN 145:1997/A1:2000.

Every interested party, which is member of an organization based in Luxembourg, can participate for FREE in the development of Luxembourgish (ILNAS), European (CEN, CENELEC) and International (ISO, IEC) standards:

- Participate in the design of standards
- Foresee future developments
- Participate in technical committee meetings

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ICS 13.340.30

English version

## Respiratory protective devices - Self-contained closed-circuit breathing apparatus compressed oxygen or compressed oxygen-nitrogen type - Requirements, testing, marking

Appareils de protection respiratoire - Appareils de protection respiratoire isolants autonomes à circuit fermé, du type à oxygène comprimé ou à oxygène-azote comprimé - Exigences, essais, marquage

Atemschutzgeräte - Regenerationsgeräte mit Drucksauerstoff oder Drucksauerstoff/-stickstoff - Anforderungen, Prüfung, Kennzeichnung

This amendment A1 modifies the European Standard EN 145:1997; it was approved by CEN on 24 January 2000.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant 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 amendment 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  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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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 September 2000, and conflicting national standards shall be withdrawn at the latest by September 2000.

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).

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.

This draft Amendment includes an editorial correction to the French version of EN 145:1997.

### **6.28.6.2 Carbon dioxide content of the inhaled gas following the end of the rated working duration**

At the end of the working duration, i. e. when:

- 1 the warning device (if fitted) is activated or
- 2 the inhalation resistance has reached 35 mbar

the carbon dioxide content of the inhaled gas shall not exceed 3 % (by volume) when tested in accordance with 7.8.2 and table 6.

Testing shall be done in accordance with 7.3, 7.4 and 7.8.2.