

IRISH STANDARD

I.S. EN 1146:1997

ICS 13.340.30

RESPIRATORY PROTECTIVE DEVICES FOR
SELF-RESCUE - SELF-CONTAINED
OPEN-CIRCUIT COMPRESSED AIR
BREATHING APPARATUS INCORPORATING
A HOOD (COMPRESSED AIR ESCAPE
APPARATUS WITH HOOD) REQUIREMENTS, TESTING, MARKING

National Standards Authority of Ireland Dublin 9 Ireland

Tel. (01) 807 3800 Tel: (01) 807 3838

This Irish Standard was published under the authority of the National Standards Authority of Ireland and comes into effect on: October 17, 1997

NO COPYING WITHOUT NSAI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

© NSAI 1997

Price Code O

Údarás um Chaighdeáin Náisiúnta na hÉireann

This is a free page sample. Access the full version online.

DECLARATION

OF

SPECIFICATION

ENTITLED

RESPIRATORY PROTECTIVE DEVICES FOR SELF-RESCUE - SELF-CONTAINED OPEN-CIRCUIT COMPRESSED AIR BREATHING APPARATUS INCORPORATING A HOOD (COMPRESSED AIR ESCAPE APPARATUS WITH HOOD) - REQUIREMENTS, TESTING, MARKING

AS

THE IRISH STANDARD SPECIFICATION FOR

RESPIRATORY PROTECTIVE DEVICES FOR SELF-RESCUE - SELF-CONTAINED OPEN-CIRCUIT COMPRESSED AIR BREATHING APPARATUS INCORPORATING A HOOD (COMPRESSED AIR ESCAPE APPARATUS WITH HOOD) - REQUIREMENTS, TESTING. MARKING

NSAI in exercise of the power conferred by section 16 (3) of the National Standards Authority of Ireland Act, 1966 (No. 28 of 1996) and with the consent of the Minister for Enterprise, Trade and Employment, hereby declares as follows:

- 1. This instrument may be cited as the Standard Specification (Respiratory protective devices for self-rescue Self-contained open-circuit compressed air breathing apparatus incorporating a hood (compressed air escape apparatus with hood) Requirements, testing, marking) Declaration, 1997.
- 2. (1) The Specification set forth in the schedule to this declaration is hereby declared to be the standard specification for Respiratory protective devices for self-rescue Self-contained open-circuit compressed air breathing apparatus incorporating a hood (compressed air escape apparatus with hood) Requirements, testing, marking. The Schedule comprises the text of EN 1146:1997.
- (2) The said standard specification may be cited as Irish Standard EN 1146:1997 or as I.S. EN 1146:1997.

This is a free page sample. Access the full version online.

EUROPEAN STANDARD

EN 1146

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 1997

ICS 13.340.30

Descriptors:

personal protective equipment, accident prevention, respiratory protective equipment, specifications, tests, instructions, marking

English version

Respiratory protective devices for self-rescue Self-contained open-circuit compressed air
breathing apparatus incorporating a hood
(compressed air escape apparatus with hood) Requirements, testing, marking

Appareils de protection respiratoire pour l'évacuation - Appareils de protection respiratoire isolants autonomes à circuit, à air comprimé avec cagoule (appareils d'évacuation à air comprimé avec cagoule) - Exigences, essais, marquage

Atemschutzgeräte für Selbstrettung -Behaltergerate mit Druckluft mit Haube (Druckluftselbstretter mit Haube) -Anforderungen, Prufung, Kennzeichnung

This European Standard was approved by CEN on 1995-12-28. 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.

The European Standards exist 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization Comité Européen de Normalisation Europaisches Komitee fur Normung

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

Page 2 EN 1146:1997

Contents

Foreword

| Introduction | | | | | | |
|--------------|--------------------------------|----------|---------------------------------------|--|--|--|
| 1 | Scope | 7 | Testing | | | |
| 2 | Normative references | 7.1 | General | | | |
| 3 | Definition and description | 7.2 | Visual inspection | | | |
| 4 | Classification | 7.3 | Practical performance | | | |
| 5 | Designation | 7.4 | Mechanical strength | | | |
| 6 | Requirements | 7.5 | Resistance to temperature | | | |
| 6.1 | General | 7.6 | Leaktightness of the ready for use | | | |
| 6.2 | Design | | apparatus | | | |
| 6.3 | Materials | 7.7 | Physiological parameters | | | |
| 6.4 | Cleaning and disinfecting | 7.8 | Insulation resistance of non-metallic | | | |
| 6.5 | Mass | | carrying containers | | | |
| 6.6 | Connections | 7.9 | Low temperature practical | | | |
| 6.7 | Harness | | performance | | | |
| 6.8 | Handling | 7.10 | Inward leakage | | | |
| 6.9 | Leaktightness | 7.11 . | Air porosity | | | |
| | Facepiece | 8 | Marking | | | |
| 6.11 | Resistance to temperature | 9 | Instructions for use | | | |
| 6.12 | Protection against particulate | Table 4 | Summary of requirements and tests | | | |
| | matter | | | | | |
| 6.13 | High pressure parts | Annex A | Methods of measurement of the | | | |
| 6.14 | High and low pressure | | insulation resistance of non-metallic | | | |
| | connections | | carrying containers | | | |
| | Compressed air container | | | | | |
| 6.16 | Compressed air container | Annex ZA | Relationship with EU Directive | | | |
| | seal | | | | | |
| 6.17 | Pressure reducer | | | | | |
| | Pressure indicator | | | | | |
| | Hoses | | | | | |
| | Mechanical strength | | | | | |
| 6.21 | Performance | | | | | |
| | Practical performance | | | | | |
| 6.23 | Visual inspection | | | | | |



| The is a new provider i arenade and chare publication at the limit below | This is a free preview. | Purchase the | entire publication | at the link below: |
|--|-------------------------|--------------|--------------------|--------------------|
|--|-------------------------|--------------|--------------------|--------------------|

Product Page

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation