



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 146 : 1992

ICS 13.340.30

**RESPIRATORY PROTECTIVE DEVICES –  
POWERED PARTICLE FILTERING DEVICES  
INCORPORATING HELMETS OR HOODS –  
REQUIREMENTS, TESTING, MARKING**

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Údarás um Chaighdeán Náisiúnta na hÉireann



# **DECLARATION**

**OF**

**SPECIFICATION**

**ENTITLED**

**RESPIRATORY PROTECTIVE DEVICES – POWERED PARTICLE FILTERING DEVICES  
INCORPORATING HELMETS OR HOODS – REQUIREMENTS, TESTING, MARKING**

**AS**

**THE IRISH STANDARD SPECIFICATION FOR**

**RESPIRATORY PROTECTIVE DEVICES – POWERED PARTICLE FILTERING DEVICES  
INCORPORATING HELMETS OR HOODS – REQUIREMENTS, TESTING, MARKING**

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**EOLAS - The Irish Science and Technology Agency in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 ( No. 20 of 1961 ) and the Science and Technology Act, 1987 (No. 30 of 1987), and with the consent of the Minister for Industry and Commerce, hereby declares as follows:**

- 1. This instrument may be cited as the Standard Specification (Respiratory Protective Devices – Powered Particle Filtering Devices Incorporating Helmets or Hoods – Requirements, Testing, Marking) Declaration, 1992.**
- 2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Respiratory Protective Devices – Powered Particle Filtering Devices Incorporating Helmets or Hoods – Requirements, Testing, Marking. The Schedule comprises the text of EN 146 : 1991.**  
**(2) The said standard specification may be cited as Irish Standard/EN 146 : 1992 or as I.S./EN 146 : 1992.**



EUROPEAN STANDARD

EN 146:1991

NORME EUROPEENNE

EUROPAISCHE NORM

September 1991

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UDC 614.943.3:621.61:001.4:620.1:62-777

Descriptors: Respiratory protective equipment, accident prevention, filters, helmets, classification, designation, performance evaluation, oculars, tests, performance tests, test equipment

English version

Respiratory protective devices - Powered particle filtering devices incorporating helmets or hoods - Requirements, testing, marking

Appareils de protection respiratoire - Appareils filtrants contre les particules à ventilation assistée avec casques ou cagoules - Exigences, essais, marquage  
Atemschutzgeräte - Atemschutzhelme oder Atemschutzhauben mit Partikelfilter und Gebläse - Anforderungen, Prüfung, Kennzeichnung

This European Standard was approved by CEN on 1991-09-16  
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, 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  
Europäisches Komitee für Normung

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## FOREWORD

This European Standard was drawn up by CEN/TC 79 "Respiratory protective devices", the secretariat of which is held by DIN.

In 1979, Sub-Group 3/4 (SG 3/4) "Powered respirators" with BSI as secretariat started work on this draft proposal.

At the Plenary Meeting of CEN/TC 79 in Helsinki in October 1981 the draft proposal was presented and unanimously accepted by CEN/TC 79. It was then presented to the secretariat of CEN/TC 79 for publication as a Draft European Standard.

In December 1983 the draft European Standard prEN 146 was circulated by CEN Central Secretariat to all CEN members for vote and comments. Within the voting period 8 members bodies approved and 3 member bodies disapproved the document.

The comments received were discussed and changes agreed during subsequent meetings of SG 3/4 and the resultant document was submitted to CEN members for formal vote.

At the meeting of SG 3/4 held in Paris in May 1988 it was confirmed that the document should go forward for formal vote and subsequent publication. It was also agreed that it would be withdrawn on publication of a specification to be developed which would cover powered filtering devices, incorporating helmets or hoods, and which would afford protection against particles, gases/vapours and combinations of these.

In accordance with the Common CEN/CENELEC Rules, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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