



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 50016:2002

ICS 29.260.20

National Standards  
Authority of Ireland  
Dublin 9  
Ireland

Tel (01) 807 3800  
Tel (01) 807 3838

**ELECTRICAL APPARATUS FOR  
POTENTIALLY EXPLOSIVE ATMOSPHERES -  
PRESSURIZED APPARATUS "P"**

*This Irish Standard was  
published under the  
authority of the National  
Standards Authority of  
Ireland  
and comes into effect on  
November 1, 2002*

**NO COPYING WITHOUT NSAI  
PERMISSION EXCEPT AS  
PERMITTED BY COPYRIGHT  
LAW**

© NSAI 2002

**Price Code J**

Údarás um Chaighdeáin Náisiúnta na hÉireann



EUROPEAN STANDARD

**EN 50016**

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2002

ICS 29.260.20

Supersedes EN 50016:1995

English version

**Electrical apparatus for potentially explosive atmospheres —  
Pressurized apparatus "p"**

Matériel électrique pour atmosphères  
explosibles —  
Surpression interne "p"

Elektrische Betriebsmittel für  
explosionsgefährdete Bereiche —  
Überdruckkapselung "p"

This European Standard was approved by CENELEC on 1999-10-01. CENELEC 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 CENELEC 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 CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.

**CENELEC**

European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**



## Foreword

This European Standard was prepared by SC 31-7, Pressurization and other techniques, of the Technical Committee CENELEC TC 31, Electrical apparatus for explosive atmospheres.

It consists of the text of EN 50016:1995 and a new amendment (prA1:1999) which was submitted to the formal vote in April 1999 and was approved by CENELEC on 1999-10-01 for publication as a new edition of this European Standard.

This European Standard supersedes EN 50016:1995.

The European Standard was prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association and covers essential requirements of the EC Directive 94/9/EC.

This European Standard is to be read in conjunction with EN 50014:1997 - Electrical apparatus for potentially explosive atmospheres — General requirements, and with the European Standards for the specific types of protection listed in the scope of EN 50014:1997. This European Standard should not be considered in conjunction with any editions of these standards and their amendments published before 1997.

The following dates were fixed:

- latest date by which the EN has to be implemented  
at national level by publication of an identical  
national standard or by endorsement (dop) 2003-02-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2003-06-30

Annexes designated "normative" are part of the body of the standard. Annexes designated "informative" are given only for information. In this standard annex D is normative and annexes A, B and C are informative.

---



This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

- 
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
  - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-