



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60376:2005

ICS 29.040.20
29.130

**SPECIFICATION OF TECHNICAL GRADE
SULFUR HEXAFLUORIDE (SF₆) FOR USE
IN ELECTRICAL EQUIPMENT**

National Standards
Authority of Ireland
Glasnevin, Dublin 9
Ireland

Tel: +353 1 807 3800
Fax: +353 1 807 3838
<http://www.nsai.ie>

Sales
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Údarás um Chaighdeán Náisiúnta na hÉireann

EUROPEAN STANDARD

EN 60376

NORME EUROPÉENNE

EUROPÄISCHE NORM

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ICS 29.040.20; 29.130

English version

**Specification of technical grade sulfur hexafluoride (SF₆)
for use in electrical equipment
(IEC 60376:2005)**

Spécifications de la qualité technique
de l'hexafluorure de soufre (SF₆)
pour utilisation dans les appareils
électriques
(CEI 60376:2005)

Bestimmung für Schwefelhexafluorid
(SF₆) von technischem Reinheitsgrad
zur Verwendung in elektrischen
Betriebsmitteln
(IEC 60376:2005)

This European Standard was approved by CENELEC on 2005-09-01. 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, 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

The text of document 10/620/FDIS, future edition 2 of IEC 60376, prepared by IEC TC 10, Fluids for electrotechnical applications, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60376 on 2005-09-01.

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) | 2006-06-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2008-09-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60376:2005 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE Where an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

| <u>Publication</u> | <u>Year</u> | <u>Title</u> | <u>EN/HD</u> | <u>Year</u> |
|--------------------|-----------------|---|--------------|--------------------|
| IEC 60050-191 | - ¹⁾ | International Electrotechnical Vocabulary (IEV) Chapter 191: Dependability and quality of service | - | - |
| IEC 60050-212 | - ¹⁾ | Chapter 212: Insulating solids, liquids and gases | - | - |
| IEC 60050-441 | - ¹⁾ | Chapter 441: Switchgear, controlgear and fuses | - | - |
| IEC 60050-826 | - ¹⁾ | Chapter 826: Electrical installations | - | - |
| IEC 60480 | - ¹⁾ | Guidelines for the checking and treatment of sulphur hexafluoride (SF ₆) taken from electrical equipment and specification for its re-use | EN 60480 | 2004 ²⁾ |
| IEC/TS 61634 | - ¹⁾ | High-voltage switchgear and controlgear – Use and handling of sulfur hexafluoride (SF ₆) in high-voltage switchgear and controlgear | - | - |
| ISO 14040 | - ¹⁾ | Environmental management - Life cycle assessment - Principles and framework | - | - |

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

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