



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN ISO 6974-6:2005

ICS 75.060

**NATURAL GAS - DETERMINATION OF
COMPOSITION WITH DEFINED UNCERTAINTY
BY GAS CHROMATOGRAPHY - PART 6:
DETERMINATION OF HYDROGEN, HELIUM,
OXYGEN, NITROGEN, CARBON DIOXIDE AND
C1 TO C8 HYDROCARBONS USING THREE
CAPILLARY COLUMNS (ISO 6974-6:2002)**

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Údarás um Chaighdeán Náisiúnta na hÉireann

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 6974-6

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ICS 75.060

English version

Natural gas - Determination of composition with defined uncertainty by gas chromatography - Part 6: Determination of hydrogen, helium, oxygen, nitrogen, carbon dioxide and C1 to C8 hydrocarbons using three capillary columns (ISO 6974-6:2002)

Gaz naturel - Détermination de la composition avec une incertitude définie par chromatographie en phase gazeuse - Partie 6: Détermination de l'hydrogène, de l'hélium, de l'oxygène, de l'azote, du dioxyde de carbone et des hydrocarbures C1 à C8 en utilisant trois colonnes capillaires (ISO 6974-6:2002)

Erdgas - Bestimmung der Zusammensetzung mit definierter Unsicherheit durch Gaschromatographie - Teil 6: Bestimmung des Wasserstoffs, Heliums, Sauerstoffs, Stickstoffs, Kohlenstoffdioxids und der Kohlenwasserstoffe C1 bis C8 mit drei Kapillarsäulen (ISO 6974-6:2002)

This European Standard was approved by CEN on 19 May 2005.

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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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EN ISO 6974-6:2005 (E)

Foreword

The text of ISO 6974-6:2002 has been prepared by Technical Committee ISO/TC 193 "Natural gas" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 6974-6:2005 by CMC.

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 December 2005, and conflicting national standards shall be withdrawn at the latest by December 2005.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: 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.

Endorsement notice

The text of ISO 6974-6:2002 has been approved by CEN as EN ISO 6974-6:2005 without any modifications.



INTERNATIONAL STANDARD ISO 6974-6:2002 TECHNICAL CORRIGENDUM 1

Published 2003-10-15

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Natural gas — Determination of composition with defined uncertainty by gas chromatography —

Part 6:

Determination of hydrogen, helium, oxygen, nitrogen, carbon dioxide and C1 to C8 hydrocarbons using three capillary columns

TECHNICAL CORRIGENDUM 1

Gaz naturel — Détermination de la composition avec une incertitude définie par chromatographie en phase gazeuse —

Partie 6: Détermination de l'hydrogène, de l'hélium, de l'oxygène, de l'azote, du dioxyde de carbone et des hydrocarbures C1 à C8 en utilisant trois colonnes capillaires

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO 6974-6:2002 was prepared by Technical Committee ISO/TC 193, *Natural gas*, Subcommittee SC 1, *Analysis of natural gas*.

Page 7, Subclause 5.2.2

At end of first paragraph, replace “7.1” by “6.2.1”.

Page 7, Subclause 5.2.3

At end of first paragraph, replace “7.1” by “6.2.1”.

ISO 6974-2:2002/Cor.1:2003(E)

Page 10, Table 3

In the first column, under **Injectors**, replace “Valve” by “Sample valve loop”.

Page 12, Subclause 6.3.1

At the end of the first line on page 12, delete “(see 6.5)”.

Page 12, Subclause 6.3.2

Replace heading by “**C₃ hydrocarbons and higher**”.

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