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ISO 6974-4:2000
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BUREAU OF INDIAN STANDARDS
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Draft **Indian Standard**

NATURAL GAS — DETERMINATION OF COMPOSITION AND DEFINED UNCERTAINTY BY GAS CHROMATOGRAPHY — PART 4: DETERMINATION OF NITROGEN, CARBON DIOXIDE AND C^1 TO C^5 AND C^{6+} HYDOCARBONS FOR A LABORATORY AND ON-LINE MEASURING SYSTEM USING TWO COLUMNS

(*First Revision of IS 15130 Part 4*)

(ICS No. 75.060)

Methods of Sampling and Test for Petroleum and Related Products of Natural or Synthetic Origin (Excluding bitumen) PCD 01	Last date for receipt of comment is 24 October 2023

NATIONAL FOREWORD
(*Formal clauses will be added later*).

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.
b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standard for which Indian Standard also exist. The corresponding Indian Standard, which is to be substituted in their respective places, is listed below along with their degree of equivalence for the editions indicated:

International Standard	*Corresponding Indian Standard*	*Degree of Equivalence*
ISO 6142: 2001, Gas analysis — Preparation of calibration gas mixtures — Gravimetric method	IS 16260 : 2019 / ISO 6142-1:2015 — Gas analysis - Preparation of calibration gas mixtures - Gravimetric method for class i mixtures (*first revision*)	Identical

ISO 6143: 1981, Gas analysis — Determination of the composition of calibration gas mixtures — Comparison methods.	IS 16264 : 2014 / ISO 6143 : 2001 — Gas analysis - Comparison methods for determining and checking the composition of calibration gas mixtures	Identical
ISO 6974-1:2000, Natural gas — Determination of composition with defined uncertainty by gas chromatography — Part 1: Guidelines for tailored analysis.	IS 15130 (Part 1) : 2019 / ISO 6974-1 — Natural Gas - Calculation of Compression Factor Part 1 Introduction and Guidelines (*first revision*)	Identical
ISO 6974-2: 2012, Natural gas — Determination of composition with defined uncertainty by gas chromatography — Part 2: Measuring-system characteristics and statistics for data treatment.	IS 15130 (Part 2): 2021 / ISO 6974-2: 2012 — Natural Gas - Determination of Composition and Associated Uncertainty by Gas Chromatography Part 2 Uncertainty Calculations (*first revision*)	Identical

The technical committee has reviewed the provisions of the following International Standards referred in this adopted standard and has decided that they are acceptable for use in conjunction with this standard:

International Standard	*Title*
ISO 7504: 1984	Gas analysis — Vocabulary

In reporting the result of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off, it shall be done in accordance with IS 2 : 2022 'Rules for rounding off numerical values (*second revision*)'.

NOTE — The technical content of this document has not been enclosed as this is identical with the corresponding ISO Standard. For details, please refer to ISO 6974-4: 2012 or kindly contact:

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