

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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भारतीय मानक मसौदा

**पेट्रोलियम और संबंधित उत्पाद – मापन विधियों और परिणामों की सटीकता भाग 5
दो विभिन्न मापन विधियों के बीच समान गुणधर्म को मापने के दावे की सांख्यिकीय
मूल्यांकन**

Draft Indian Standard

**PETROLEUM AND RELATED PRODUCTS — PRECISION OF MEASUREMENT
METHODS AND RESULTS — PART 5 STATISTICAL ASSESSMENT OF
AGREEMENT BETWEEN TWO DIFFERENT MEASUREMENT METHODS THAT
CLAIM TO MEASURE THE SAME PROPERTY**

(ICS No.75.080)

Methods of sampling and test for petroleum and
its related products of natural or synthetic Origin
(excluding bitumen) Sectional Committee, PCD 01

Last date for receipt of comment is
08 November 2024

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:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
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ISO 4259-1: 2017, Petroleum and related products — Precision of measurement methods and results — Part 1 Determination of precision data in relation to methods of test	IS 17315 (Part 1) : 2019 — Petroleum and Related Products - Precision of Measurement Methods and Results Part 1 Determination of Precision Data in Relation to Methods of Test	Identical
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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:

<i>International Standard</i>	<i>Title</i>
ISO 4259-3:2020	Petroleum and related products — Precision of measurement methods and results — Part 3 Monitoring and verification of published precision data in relation to methods of test
ISO 4259-4:2021	Petroleum and related products — Precision of measurement methods and results — Part 4 Use of statistical control charts to validate 'in-statistical-control' status for the execution of a standard test method in a single laboratory

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 4259-5: 2023 or kindly contact:

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