**Doc: PCD 01 (23725) F**

***भारतीय मानक***

***Indian Standard***

**ISO 8754: 2003**

[**IS 1448 (Part 199): 2024**](https://www.services.bis.gov.in/php/BIS_2.0/StandardsFormulationV2/Upload3.php?ID=UUhaazE3ZldpOHl6TG9tS3dnbndDdz09)

**पेट्रोलियम और उसके उत्पाद — परीक्षण पद्धतियाँ**

**भाग 199 गंधक की मात्रा का निर्धारण —**

**ऊर्जा-वितरणशील एक्स-रे फ्लोरेसेंस स्पेक्ट्रोमेट्री**

**PETROLEUM AND ITS PRODUCTS —**

**TEST METHODS**

**PART 199 DETERMINATION OF SULFUR**

**CONTENT — ENERGY — DISPERSIVE X-RAY**

**FLUORESCENCE SPECTROMETRY**

ICS 75.080

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**August 2024 Price Group X**

Methods of Sampling and Test for Petroleum and Related Products of Natural or Synthetic Origin (excluding bitumen) Sectional Committee, PCD 01

NATIONAL FOREWORD

This Indian Standard which is identical with ISO 8754:2003 ‘Petroleum products — Determination of sulfur content — Energy-dispersive X-ray fluorescence spectrometry’ issued by the International Organization for Standardization (ISO) was adopted by the Bureau of Indian Standards on the recommendation of the Methods of Sampling and Test for Petroleum and Related Products of Natural or Synthetic Origin (excluding bitumen) Sectional Committee and approval of the Petroleum, Coal and Related Products Division Council.

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.

This standard is one of the series of Indian Standards on ‘Methods of test for petroleum and its products’ IS 1448.

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 3170: 2004 — Petroleum liquids — Manual sampling | IS 1447 (Part 1) : 2021 Methods of sampling of petroleum and its products Part 1 Manual sampling (second revision) | Not Equivalent |

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 3171: 1988 | Petroleum Liquids — Automatic Pipeline Sampling |

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*)’.