



DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : PCD 01 (25456)

Date : 26 April 2024

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

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Methods of Sampling and Test for Petroleum and Related Products of Natural or Synthetic Origin (excluding bitumen) Sectional Committee, PCD 01. Please [click here](#) to view the document.

Document Number : PCD 01 (25456) WC

**Title of the document : METHODS OF TEST FOR PETROLEUM AND ITS PRODUCTS PART 101
COLORIMETRIC DETERMINATION OF PHOSPHORUS IN LUBRICATING OILS**

Document Type : Revision of Indian Standard (IS 1448 : Part 101 : 1980)

This document has following salient features which may require specific attention for your valuable comments:

1) Phosphorus, often present in additives, plays a significant role in enhancing the performance and longevity of lubricants. Phosphorus in lubricating oils is vital not only for ensuring product quality but also for complying with environmental regulations aimed at controlling emissions and preserving the efficiency of emission control systems in vehicles and industrial machinery. This standard was originally published in 1980. The revision has been brought out to keep pace with the latest technological developments and international practices. In this revision the following major changes have been incorporated: a) Photo-electric colorimeter has been replaced by spectrophotometer/ colorimeter; b) Analytical balance, muffle furnace, hot air oven, and water bath have been included in apparatus; and c) Use of crucible 'equivalent to No. 0' and volumetric flask of 1000 ml capacity have been included in apparatus.

Please examine the document and share your comments regarding further improvement in the document.

Last date for sharing the comments is : 25 June 2024

The comments should be shared in the prescribed template through this portal only; and the comments so received shall be taken up by the Sectional Committee for necessary action. For any other query, please write an email at pcd@bis.gov.in to the undersigned at Bureau of Indian Standard, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi.

In case no comments are received, we would presume your approval of the documents. However, in case we receive any comments on the document, the same shall be put up to the Sectional Committee for necessary action.

Thanking You,

Yours faithfully,
(MEENAL PASSI)
Head (Petroleum, Coal and Related Products Department)
Email: pcd@bis.gov.in



व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : PCD 01 (25456)

दिनांक : 26-04-2024

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

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : PCD 01 (25456) WC

शीर्षक :

कृपया इस/इन मानक(को)/संशोधन(नो) के मसौदे(दो) का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि यदि ये मानक(को) के संशोधन(नो) के रूप में प्रकाशित हो तो इन पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयां आ सकती हैं।

सम्मतियाँ भेजने की अंतिम तिथि : 25 June 2024

सम्मतियाँ, यदि कोई हों तो, कृपया यहाँ क्लिक करके ऑनलाइन पोर्टल के माध्यम से ऊपर दी गयी अंतिम तिथि तक दर्ज कराएं।

यह/ये प्रलेख भारतीय मानक ब्यूरो की वेबसाइट www.bis.gov.in पर भी उपलब्ध है/हैं।

धन्यवाद।

भवदीय/भवदिया,
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