



DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : CHD 34/25250 WC

Date : 19 April 2024

TECHNICAL COMMITTEE : Environmental Management, CHD 34

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Environmental Management Sectional Committee, CHD 34. Please [click here](#) to view the document.

Document Number : CHD 34 (25250) WC

Title of the document : CARBON DIOXIDE CAPTURE, TRANSPORTATION, AND GEOLOGICAL STORAGE - CROSS-CUTTING ISSUES - CO₂ STREAM COMPOSITION

Document Type : New Indian Standard

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

- 1) The primary aim of this standard is to describe the main compositional characteristics of the CO₂ stream downstream of the capture unit, taking into account common purification options. Accordingly, this standard will characterize the different types of impurities and present examples of concentrations determined in recent capture pilot projects as well as through literature review. It identifies ranges of concentrations, giving priority to in situ measurements when available.*
- 2) The second aim of this standard is to identify the potential impacts of impurities on all components of the CCS chain, from surface installations (including transport) to the storage complex. For example, impurities can have a significant effect on the phase behavior of CO₂ streams in relation to their concentration.*

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

The last date for sharing the comments is: 20 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 chd34@bis.org.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,
(AJAY KUMAR LAL)
Head (Chemical Department)
Email: chd34@bis.org.in**



व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : CHD 34/25250 WC

दिनांक : 19-04-2024

तकनीकी समिति : Environmental Management Sectional Committee, CHD 34

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : CHD 34 (25250) WC

शीर्षक : कार्बन डाइऑक्साइड कैप्चर, परिवहन और भूवैज्ञानिक भंडारण - क्रॉस कटिंग मुद्दे - CO2 स्ट्रीम संरचना

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 : 20 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।

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