



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

**BUREAU OF INDIAN STANDARDS**

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

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## DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : CHD 36 (26239)

Date : 18th October 2024

**TECHNICAL COMMITTEE : Water Quality, CHD 36**

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Water Quality Sectional Committee, CHD 36. Please [click here](#) to view the document.

**Document Number : CHD 36 (26239) WC**

**Title of the document : Methods of Sampling and Test Physical and Chemical for Water and Wastewater  
Part 85 Detection of selected congeners of polychlorinated dibenzo-p-dioxins and polychlorinated biphenyls  
Method using a flow immunosensor technique**

**Document Type : New Indian Standard**

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

1) *This standard specifies methods and principles for detection of selected congeners of polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated biphenyls (PCBs) in water and wastewater using a flow immunosensor. The flow immunosensor utilizes antibodies specific to 2,3,7,8-tetrachlorodibenzop-dioxin (2,3,7,8-TCDD) and 3,3',4,4',5pentachlorobiphenyl (3,3',4,4',5-PeCB), which have the highest toxic equivalent factor (TEF) value among the congeners of each of PCDDs and PCBs. The method is applicable to timely monitoring of selected congeners of 2,3,7,8-TCDD and 3,3',4,4',5-PeCB in water and wastewater to prioritize those for subsequent confirmatory determination.*

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

**Last date for sharing the comments is : 17 December 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 [chd@bis.gov.in](mailto:chd@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,  
(AJAY KUMAR LAL)  
Head (Chemical Department)  
Email: [chd@bis.gov.in](mailto:chd@bis.gov.in)**



## व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : CHD 36 (26239)

दिनांक : 18.10.2024

**तकनीकी समिति : Water Quality Sectional Committee, CHD 36**

**प्राप्तकर्ता : रूचि रखने वाले सभी निकाय**

महोदय/या,

**निम्नलिखित मसौदा तैयार किया गया है :**

**प्रलेख संख्या : CHD 36 (26239) 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 :**

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](http://www.bis.gov.in) पर भी उपलब्ध है/हैं।

धन्यवाद।

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