



## DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : CHD 36 (25012)

Date : 08 March 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 (25012) WC**

**Title of the document : Methods of Sampling and Test Physical And Chemical for Water and Wastewater Part 45 Sodium and Potassium Second Revision**

**Document Type : Revision of Indian Standard (IS 3025 : Part 45 : 1993)**

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

*1) This standard (Part 45) prescribes following five methods for determination of sodium and potassium in water and wastewater: a) Flame emission photometric method using either a flame photometer or an atomic absorption spectrophotometer in the flame emission mode; b) Atomic absorption spectrometric method using an atomic absorption spectrophotometer in flame absorption mode (0.20 mg/l to 4.0 mg/l for potassium and 0.20 mg/l to 3.0 mg/l for sodium); and c) Gravimetric method for determination of sodium and colorimetric method for determination of potassium. d) Determination of potassium using Ion-selective electrode method; and e) Inductively coupled plasma spectroscopy.*

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

**Last date for sharing the comments is : 07 May 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,  
(ITS ADMIN)  
Head (Chemical Department)  
Email: [chd@bis.gov.in](mailto:chd@bis.gov.in)



## व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : CHD 36 (25012)

दिनांक : 08-03-2024

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 (25012) 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 : 07 May 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](http://www.bis.gov.in) पर भी उपलब्ध है/हैं।

धन्यवाद।

भवदीय/भवदिया,  
विभाग प्रमुख का नाम : ITS ADMIN  
(Chemical Department)  
ई-मेल : [chd@bis.gov.in](mailto:chd@bis.gov.in)