



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)

मानक भवन, 9 बहादुरशाह जफर मार्ग नई, दिल्ली-110002

Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi-110002

Phones: 23230131 / 23233375 / 23239402

Website: www.bis.org.in, www.bis.gov.in

## DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : CHD 10/(24334)C

Date: 20 December 2023

**TECHNICAL COMMITTEE: Glass, Glassware and Laboratoryware, CHD 10**

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Glass, Glassware, and Laboratoryware Sectional Committee, CHD 10. Please [click here](#) to view the document.

**Document Number: CHD 10 (24334) WC**

**Title of the document: General Meteorological Liquid in Glass Thermometers - Specification**

**Document Type: Revision of Indian Standard (IS 5681: 1992)**

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

- 1) For general meteorological work, measurements of temperature and humidity of air are made with a set of four liquid-in-glass thermometers, one maximum, one minimum, and two ordinary, the bulb of one of which is covered by a layer of thin wet cloth. They are provided with wooden mounts for extra strength and robustness (see Fig. 1) and exposed in louvered thermometer screens.*
- 2) This standard was first published in 1970. In the first revision in 1983, the quantity of raw materials of construction such as glass, thermometric liquid, etc., was revised along with the requirements of dimensions and accuracy. In the second revision in 1992, the overall dimensions of the thermometers were changed. The plastic scale was specified.*
- 3) In this third revision, Kerosene oil as a thermometric liquid has been added. A sampling plan for lot testing has also been prescribed and several editorial changes such as the inclusion of the Reference clause, Hindi Title, ICS no, BIS certification marking clause, etc. have also been incorporated.*

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

**The last date for sharing the comments is: 21 February 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 [chd10@bis.org.in](mailto:chd10@bis.org.in) to the undersigned at Bureau of Indian Standard, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi.

The committee members must submit their comments/views through the BIS e-portal. In case, if there are no technical comments, then also please write no comments and submit it through the portal. Failing to do so within the commenting period may lead to the termination of the membership.

Thanking You,

**Yours faithfully,**  
**AJAY K LAL**  
**Head (Chemical Department)**  
**Email: [chd10@bis.org.in](mailto:chd10@bis.org.in)**



## व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : CHD 10/(24334)C

दिनांक : 20-12-2023

**तकनीकी समिति : Glass, Glassware and Laboratoryware Sectional Committee, CHD 10**

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : CHD 10 (24334) 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 : 21 February 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 : AJAY K LAL  
(Chemical Department)  
ई-मेल : [chd10@bis.org.in](mailto:chd10@bis.org.in)

