



## DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : CHD21(24871)C

Date : 14 February 2024

**TECHNICAL COMMITTEE : Raw materials for paints, varnishes and related product, CHD 21**

To,

**All concerned**

Dear Madam/Sir,

The following document has been prepared by the Raw materials for paints, varnishes and related product Sectional Committee, CHD 21. Please [click here](#) to view the document.

**Document Number : CHD 21 (24871) WC**

**Title of the document : IRON OXIDE PIGMENTS FOR PAINTS SPECIFICATION Third revision**

**Document Type : Revision of Indian Standard (IS 44 : 1991)**

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

- 1) This third revision has been undertaken to align the product standards with current market demands, enhancing its acceptance and relevance. Notable changes include:*
- 2) a) The material classification has been restructured into groups based on colours, categories reflecting iron content (expressed as iron (III) oxide), types based on water-soluble matter content and total water-soluble chlorides and sulfates (expressed as Cl<sup>-</sup> and SO<sub>4</sub><sup>2-</sup> ions), grades reflecting residue on sieve, and classes based on the origin of the material. This adjustment replaced the existing seven grades, bringing the standards in line with current market practices.*
- 3) b) Additionally, the requirements for each classification and their corresponding test methods have been updated. For instance, the test method for color measurement, staining power, and undertone have been revised, accompanied by updated requirements.*
- 4) c) To address health and safety concerns, restrictions have been introduced for lead and toxic heavy metals.*
- 5) d) Lastly, various editorial corrections and references have been updated to ensure accuracy and relevance in the revised standards*

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

**Last date for sharing the comments is : 14 April 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 : CHD21(24871)C

दिनांक : 14-02-2024

**तकनीकी समिति : Raw materials for paints, varnishes and related product Sectional Committee, CHD 21**

**प्राप्तकर्ता : रूचि रखने वाले सभी निकाय**

महोदय/या,

**निम्नलिखित मसौदा तैयार किया गया है :**

**प्रलेख संख्या : CHD 21 (24871) 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 : 14 April 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,  
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(Chemical Department)  
ई-मेल : [chd@bis.gov.in](mailto:chd@bis.gov.in)