



## DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : MTD24/T-52

Date : 03 June 2024

**TECHNICAL COMMITTEE : Corrosion Protection and Finishes Sectional Committee, MTD 24**

To,

**All concerned**

Dear Madam/Sir,

The following document has been prepared by the Corrosion Protection and Finishes Sectional Committee Sectional Committee, MTD 24. Please [click here](#) to view the document.

**Document Number : MTD 24 (25740) WC**

**Title of the document : Metallic and Other Inorganic Coatings Electrodeposited Coatings of Nickel Nickel Plus Chromium Copper Plus Nickel and of Copper Plus Nickel Plus Chromium**

**Document Type : Revision of Indian Standard (IS 1068 : 1993)**

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

- 1) This International Standard is a revised version of ISO 1456:2003: Metallic coatings — Electrodeposited coatings of nickel plus chromium and of copper plus nickel plus chromium incorporating ISO 1458:2002: Metallic coatings — Electrodeposited coatings of nickel. Decorative, electrodeposited nickel coatings, with and without copper undercoats and without chromium top-coats, are suitable for applications in which tarnishing could be prevented by avoiding rubbing or handling in service or by the use of topcoats other than chromium. They are also suitable for those applications where tarnishing is of no importance. Corrosion resistance depends on the type and thickness of the coatings.*
- 2) Decorative, electrodeposited nickel plus chromium and copper plus nickel plus chromium coatings are applied to manufactured articles to enhance their appearance and corrosion resistance. Corrosion resistance depends on the type and thickness of the coatings. In general, multilayer nickel coatings provide better corrosion resistance than single-layer nickel coatings of equal thickness, and micro-discontinuous chromium coatings provide better protection than conventional chromium.*
- 3) WARNING — This International Standard may not be compliant with some countries' health and safety legislations and calls for the use of substances and/or procedures that may be injurious to health if adequate safety measures are not taken. This International Standard does not address any health hazards, safety or environmental matters and legislations associated with its use. It is the responsibility of the user of this International Standard to establish appropriate health, safety and environmentally acceptable practices and take suitable actions to comply with any national and international regulations. Compliance with this International Standard does not in itself confer immunity from legal obligations.*

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

**Last date for sharing the comments is : 03 July 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 [mtd@bis.gov.in](mailto:mtd@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,  
(SANJIV MAINI)  
Head (Metallurgical Engineering Department)  
Email: [mtd@bis.gov.in](mailto:mtd@bis.gov.in)**



## व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : MTD24/T-52

दिनांक : 03-06-2024

**तकनीकी समिति : Corrosion Protection and Finishes Sectional Committee Sectional Committee, MTD 24**

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : MTD 24 (25740) 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 : 03 July 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 : SANJIV MAINI  
(Metallurgical Engineering Department)  
ई-मेल : [mtd@bis.gov.in](mailto:mtd@bis.gov.in)