



DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : MTD24/T-123

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 (25741) WC

Title of the document : Anodizing of aluminium and its alloys Estimation of loss of absorptive power of anodic oxidation coatings after sealing Dye-spot test with prior acid treatment

Document Type : Revision of Indian Standard (IS 11268 : 1985)

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

- 1) ISO 2143 specifies a method of estimating the loss of absorptive power of anodic oxidation coatings that have undergone a sealing treatment, by dye absorption after acid pretreatment. The method is suitable for use as a production control method and can be applicable to anodic oxidation coatings which may be subjected to weathering or aggressive environments, or where resistance to staining is important.*
- 2) The method is not applicable to those coatings that a) are formed on alloys containing more than 2 % copper or 4 % silicon, b) are sealed by the dichromate process, c) have been given supplementary processing, e.g. oiling, waxing or lacquering, d) are coloured in deep shades, and e) are less than 3 µm thickness. The method is less appropriate where nickel or cobalt salts, or organic additives, have been added to baths used for hydrothermal sealing.*

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 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



व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : MTD24/T-123

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 (25741) 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 पर भी उपलब्ध है/हैं।

धन्यवाद।

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