



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)

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DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : MTD24/T-34

Date : 21 October 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 (26292) WC

Title of the document : Resistance to inter - Granular corrosion of austenitic stainless steels - Method for determination - Part 1 : corrosion test in nitric acid medium by measurement of loss in mass Huey Test

Document Type : Revision of Indian Standard (IS 10461 : Part 1 : 1994)

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

1) Intergranular corrosion denotes deterioration of metals by means of preferential attacking of the grain boundaries. For austenitic stainless steels, which may be subject to such as attack when they are kept at a temperature between about 430 °C to 820 °C, it is associated with the precipitation of chromium rich carbides or intermetallic compounds, such as sigma phase at grain boundaries. The heat cycle, which may provoke sensitization to intergranular corrosion, may occur during hot-forming process like forging and rolling, as the result of incorrect solution treatment or during a welding operation.

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

Last date for sharing the comments is : 22 November 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-34

दिनांक : 21-10-2024

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 (26292) 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 : 22 November 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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