भारतीय मानक ब्यूरो
(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)
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Reference : MTD21/T-98 **Date : 20 December 2022**

TECHNICAL COMMITTEE : Non-Destructive Testing Sectional Committee, MTD 21

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Non-Destructive Testing Sectional Committee Sectional Committee, MTD 21. Please click here to view the document.

Document Number : MTD 21 (19953) WC
Title of the document : Non-destructive testing Eddy Current TestingDetermination of Electrical Conductivity of Non-magnetic Metals
Document Type : New Indian Standard

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

1) The traditional method to measure electrical conductivity is based on Kelvin Bridge which is quite complicated and time consuming. It is envisaged that with the help of this standard, the measurement of electrical conductivity of nonmagnetic conductive materials like copper, aluminium, titanium, zirconium & their alloys, and austenitic stainless steel would become much easier and faster.
2) This test method covers a procedure for determining the electrical conductivity of nonmagnetic metals like copper, aluminium, titanium, zirconium & their alloys, and austenitic stainless steel using the electromagnetic (eddy current) method. The procedure is primarily for use with commercially available direct reading electrical conductivity instruments.This test method is applicable to non-magnetic conductive materials that have a flat surface and includes metals with or without a thin nonconductive coating.

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

Last date for sharing the comments is : 22 January 2023

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 : MTD21/T-98 दिनांक : 20-12-2022

तकनीकी समिति : Non-Destructive Testing Sectional Committee Sectional Committee, MTD 21

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : MTD 21 (19953) WC
शीर्षक :

कृपया इस/इन मानक(को)/संसोधन(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।

सम्मत्तियाँ भेजने की अंतिम तिथि : 22 January 2023

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।

भवदीय/भवदिया,

विभाग प्रमुख का नाम : SANJIV MAINI
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ई-मेल : mtd@bis.gov.in