भारतीय मानक ब्यूरो
(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)
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DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : mtd 11/T-188 **Date : 05 December 2023**

TECHNICAL COMMITTEE : Welding General and its Applications sectional Committee, MTD 11

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Welding General and its Applications sectional Committee Sectional Committee, MTD 11. Please click here to view the document.

Document Number : MTD 11 (24330) WC
Title of the document : Welding Consumables Solid Wire Electrodes Tubular Cored Electrodes and ElectrodeFlux Combinations for Submerged Arc Welding of Non Alloy and Fine Grain Steels Classification
Document Type : New Indian Standard

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

1) This International Standard specifies the requirements for the classification of electrode/flux combinations and weld metal in the as-welded condition and in the post-weld heat-treated condition for submerged arc welding of non-alloy and fine grain steels with minimum yield strength of up to 500 MPa or a minimum tensile strength of up to 570 MPa. One flux can be classified with different solid wire electrodes and tubular cored electrodes. The solid wire electrode is also classified separately based on chemical composition. This International Standard is a combined specification providing for classification utilizing a system based upon the yield strength and the average impact energy for weld metal of 47 J, or utilizing a system based upon the tensile strength and the average impact energy for weld metal of 27 J.
2) a) Paragraphs and tables which carry the suffix letter "A" are applicable only to electrode/flux combinations and wire electrodes classified using the system based upon the yield strength and the average impact energy for weld metal of 47 J, in accordance with this International Standard b) Clauses and tables which carry the suffix letter "B" are applicable only to electrode/flux combinations and wire electrodes classified using the system based upon the tensile strength and the average impact energy for weld metal of 27 J, in accordance with this International Standard.
3) c) Clauses and tables which do not have either the suffix letter "A" or the suffix letter "B" are applicable to all electrode/flux combinations and wire electrodes classified in accordance with this International Standard. Fluxes for the single-run and two-run techniques are classified on the basis of the two-run technique.

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

Last date for sharing the comments is : 04 January 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 : mtd 11/T-188 दिनांक : 05-12-2023

तकनीकी समिति : Welding General and its Applications sectional Committee Sectional Committee, MTD 11

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : MTD 11 (24330) 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 : 04 January 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।

भवदीय/भवदिया,

विभाग प्रमुख का नाम : SANJIV MAINI
(Metallurgical Engineering Department)
ई-मेल : mtd@bis.gov.in