



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

BUREAU OF INDIAN STANDARDS

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DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : MTD 11/T-177

Date : 22 November 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 (22974) WC

Title of the document : Brazing - Specification and qualification of brazing procedures for metallic materials

Document Type : New Indian Standard

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

- 1) This document specifies requirements for the specification and qualification of brazing procedures for brazing of metallic materials. This document specifies requirements for brazing of the test piece, testing of the test specimen, essential variables and their range of qualification, acceptance criteria, brazing procedure qualification record (BPQR) and brazing procedure specification (BPS). This document gives general provisions on quality requirements for brazing (see Annex A). This document does not cover testing of residual stresses, corrosion resistance and impact properties. This document applies to the following brazing processes according to ISO 857-2 and ISO 4063:2009 with local and global heating: — 911 Infrared brazing; — 912 Flame brazing, torch brazing; — 913 Laser beam brazing; — 914 Electron beam brazing; — 916 Induction brazing; — 918 Resistance brazing; — 919 Diffusion brazing; — 921 Furnace brazing; — 922 Vacuum brazing; — 923 Dip-bath brazing;*
- 2) — 924 Salt-bath brazing; — 925 Flux bath brazing; — 926 Immersion brazing; — 972 Arc weld brazing. The principles of this document can be applied to other brazing processes and brazing of materials not listed. This document does not apply to brazing for aerospace applications covered by ISO 11745.*

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

Last date for sharing the comments is : 22 December 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 : MTD 11/T-177

दिनांक : 22-11-2023

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 (22974) 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 December 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।

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