



## DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : MTD3/T-151

Date : 26 June 2024

**TECHNICAL COMMITTEE : Mechanical Testing of Metals Sectional Committee, MTD 03**

To,

**All concerned**

Dear Madam/Sir,

The following document has been prepared by the Mechanical Testing of Metals Sectional Committee Sectional Committee, MTD 03. Please [click here](#) to view the document.

**Document Number : MTD 03 (25830) WC**

**Title of the document : Metallic materials Ductility testing High speed compression test for porous and cellular metals**

**Document Type : Revision of Indian Standard ()**

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

*1) Porous and cellular metals have attractive properties due to their unique cell morphology. When they are used as impact energy absorbing components in automotive structures, knowledge of their high-speed compressive properties is necessary for industrial design. The high-speed compressive deformation behaviour of porous and cellular metals is quite different from their static compressive properties. Testing methods for static compressive deformation are, therefore, insufficient for characterization of high-speed compressive deformation. Standardization of a testing method for the high-speed compressive behaviour of porous and cellular metals is required.*

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

**Last date for sharing the comments is : 26 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](mailto: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](mailto:mtd@bis.gov.in)**



## व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : MTD3/T-151

दिनांक : 26-06-2024

**तकनीकी समिति : Mechanical Testing of Metals Sectional Committee Sectional Committee, MTD 03**

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : MTD 03 (25830) 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 : 26 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](http://www.bis.gov.in) पर भी उपलब्ध है/हैं।

धन्यवाद।

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