



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 : MHD 09 (24156)

Date : 28 December 2023

**TECHNICAL COMMITTEE : Artificial limbs, rehabilitation appliances, and assistive products for persons with disabilities, MHD 09**

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Artificial limbs, rehabilitation appliances, and assistive products for persons with disabilities Sectional Committee, MHD 09. Please [click here](#) to view the document.

**Document Number : MHD 09 (24156) WC**

**Title of the document : Wheelchairs Part 8: Requirements and test methods for static impact and fatigue strengths**

**Document Type : New Indian Standard**

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

1) *Introduction This part of ISO 7176 has been an important part of the strength testing of wheelchairs since its publication in 1998. It contains test methods and sets minimum requirements for static, impact, and fatigue strength of both the overall wheelchair and individually stressed components. Several parts of this International Standard have been reviewed. In particular: — the fatigue testing elements, including the speed and size of slat of the two-drum test machine, and the number of test cycles for both two drum and drop tests have been reviewed through empirical testing and confirmed; — the failure criteria have been clarified, and permissible adjustments and repairs more clearly defined to minimize variation between laboratories; — a more precisely defined setup procedure for the reference configuration of adjustable wheelchairs as given in ISO 7176-22; — static, impact, and repeated load test procedures for Postural Support Devices (PSDs) have been revised*

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

**Last date for sharing the comments is : 12 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 mhd@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,**  
**(A.R. Unnikrishnan)**  
**Head (Medical Equipment and Hospital Planning Department)**  
**Email: mhd9@bis.gov.in**



## व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : MHD 09 (24156)

दिनांक : 28-12-2023

**तकनीकी समिति : Artificial limbs, rehabilitation appliances, and assistive products for persons with disabilities Sectional Committee, MHD 09**

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : MHD 09 (24156) 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 : 12 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](http://www.bis.gov.in) पर भी उपलब्ध है/हैं।

धन्यवाद।

भवदीय,

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