



DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : PGD 13 (24938)

Date : 22 February 2024

TECHNICAL COMMITTEE : Bearing, PGD 13

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Bearing Sectional Committee, PGD 13. Please [click here](#) to view the document.

Document Number : PGD 13 (24938) WC

Title of the document : Mechanical Vibration Vibration of Rotating Machinery Equipped with Active Magnetic Bearings Part 3 Evaluation of Stability Margin

Document Type : New Indian Standard

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

1) This standard establishes the stability requirements of rotating machinery equipped with active magnetic bearings (AMB). It specifies a particular index to evaluate the stability margin and delineates the measurement of this index. It is applicable to industrial rotating machines operating at nominal power greater than 15 kW, and not limited by size or operational rated speed. It covers both rigid AMB rotors and flexible AMB rotors. Small-scale rotors, such as turbo molecular pumps, spindles, etc., are not addressed. This standard concerns the system stability measured during normal steady-state operation in-house and/or on-site. The in-house evaluation is an absolute requirement for shipping of the equipment, while the execution of on-site evaluation depends upon mutual agreement between the purchaser and vendor. This standard does not address resonance vibration appearing when passing critical speeds.

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

Last date for sharing the comments is : 22 April 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 pgd@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,
(ITS ADMIN)
Head (Production and General Engineering Department)
Email: pgd@bis.gov.in



व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : PGD 13 (24938)

दिनांक : 22-02-2024

तकनीकी समिति : Bearing Sectional Committee, PGD 13

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : PGD 13 (24938) 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 April 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 : ITS ADMIN
(Production and General Engineering Department)
ई-मेल : pgd@bis.gov.in