DRAFT AMENDMENT TO INDIAN STANDARD IN WIDE CIRCULATION

Reference : MED 28/T-34 **Date : 18 December 2024**

TECHNICAL COMMITTEE : Mechanical Vibration And Shock Condition Monitoring, MED 28

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Mechanical Vibration And Shock Condition Monitoring Sectional Committee, MED 28. Please click here to view the document.

Document Number : MED 28 (27121) WC
Title of the document : Mechanical Vibration — Measurement and Evaluation of Machine Vibration Part 2 Land-Based Gas Turbines, Steam Turbines and Generators in Excess of 40 MW, with Fluid-Film Bearings and Rated Speeds of 1 500 r/min, 1 800 r/min, 3 000 r/min and 3 600 r/min (First Revision) Amendment - 1
Document Type : Amendment to Indian Standard (IS/ISO 20816 : Part 2: 2017)

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

1) This document is applicable to land-based gas turbines, steam turbines and generators (whether coupled with gas and/or steam turbines) with power outputs greater than 40 MW, fluid-film bearings and rated speeds of 1 500 r/min, 1 800 r/min, 3 000 r/min or 3 600 r/min. The criteria provided in this document can be applied to the vibration of the gas turbine, steam turbine and generator (including synchronizing clutches). This document establishes provisions for evaluating the severity of the following in-situ, broad-band vibration: a) structural vibration at all main bearing housings or pedestals measured radial (i.e. transverse) to the shaft axis; b) structural vibration at thrust bearing housings measured in the axial direction; c) vibration of rotating shafts radial (i.e. transverse) to the shaft axis at, or close to, the main bearings. These are in terms of the following: — vibration under normal steady-state operating conditions; — vibration during other (non-steady-state) co

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

Last date for sharing the comments is : 17 January 2025

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 med@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,
(K VENKATESWARA RAO)
Head (Mechanical Engineering Department)
Email: med@bis.gov.in

व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : MED 28/T-34 दिनांक : 18-12-2024

तकनीकी समिति : Mechanical Vibration And Shock Condition Monitoring Sectional Committee, MED 28

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : MED 28 (27121) 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 : 17 January 2025

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,

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(Mechanical Engineering Department)
ई-मेल : med@bis.gov.in