

**For Comments Only**

*भारतीय मानक मसौदा*

यांत्रिकीय कम्पन- यांत्रिक कम्पन का मापन एवं मूल्यांकन भाग 2 : 40 मै.वॉ से अधिक, फ्ल्यूड  
- फिल्म बेयरिंग एवं 1500 च./मि, 3000 च./मि एवं टरबाइन, स्टेम टरबाइन एवं जेनरेटर  
(आईएसओ 20816-2:2017 का अधिग्रहण)

*Draft Indian Standards*

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  
(Adoption of ISO 20816-2:2017)

**ICS 27.040; 17.160; 29.160.40**

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**Last date for receipt of  
comments is: 24 April 2020**

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**NATIONAL FOREWORD**

(Adoption clause to be added later on).

This standard is first revision of IS/ISO 10816 ( PART 2 ) : 2001 ‘Mechanical vibration - Evaluation of machine vibration by measurements on non - Rotating parts Part 2 land - Based steam turbines and generators in excess of 50 mw with normal operating speeds of 1500 R/Min 1 800 R/Min ,3000 R/Min and 3600 R/Min’ due to revision of its base standard.

This standard will supersede IS/ISO 10816 ( PART 2 ) : 2001.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.

- b) Comma (,) has been used as a decimal marker while in Indian Standards the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to the following International Standards, for which Indian Standards also exists. The corresponding Indian Standards which are to be substituted in their respective places, are listed below along with its degree of equivalence for the editions indicated:

<b><i>International Standard</i></b>	<b><i>Corresponding Indian Standard</i></b>	<b><i>Degree of Equivalence</i></b>
ISO 20816-2016 Mechanical Vibration- Measurement and evaluation of machine vibration- Part 1: General Guidelines	IS/ISO 20816-2016 Mechanical Vibration- Measurement and evaluation of machine vibration- Part 1: General Guidelines	Identical

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis shall be rounded off in accordance with IS 2:1960 'Rules for rounding off numerical values (*revised*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

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**Note:** The technical content of the document has not been enclosed as these are identical with the corresponding ISO standard. For details, please refer the corresponding ISO 20816-2: 2017 or kindly contact:

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