



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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Review Document

Basic Details

1.	Sectional Committee No. & Title:	MED 28 - Mechanical Vibration And Shock Condition Monitoring
2.	IS No :	IS 14817 : Part 3 : 2017
3.	Title :	Mechanical vibration - Evaluation of machine vibration by measurements on non - Rotating parts: Part 3 industrial machines with nominal power above 15 kW and nominal speeds between 120 r/min and 15 000 r/min when measured in situ (First Revision)
4.	Date of Previous Review:	Not Review

Review Analysis

5.1 Status of standard(s), if any from which assistance had been drawn in the formulation of this IS.

S.No.	Standard (No.)	Standard (Title)	Whether the standard has since been revised	Major changes	Action proposed
1	ISO 10816-3 : 2009	Mechanical vibration — Evaluation of machine vibration by measurements on non-rotating Parts : Part 3 Industrial machines with nominal power above 15 kW and nominal speeds between 120 r/min and 15 000 r/min when measured in situ	No new revision	No change	No change Required.

5.2 Status of standard referred in the IS.

S.No.	Referred standards (No.)	Referred standards (Title)	Since revised IS no. of the corresponding IS	Changes in the referred Standards since last review of IS	Changes in the referred standard which are affecting the standard under review	Action proposed
1	ISO 496	Driving and driven machines — Shaft heights	-	Withdrawn	-	A suitable standard should be provided in its place for the shaft height requirement.
2	ISO 2954	Mechanical vibration of rotating and reciprocating machinery — Requirements for instruments for measuring vibration severity	Revised in 2012	No change	-	No change required.
3	ISO 10816-1	Mechanical vibration — Evaluation of machine vibration by measurements on non-rotating parts — Part 1: General guidelines	-	ISO 10816-1 has been supersede by ISO 20816-1:2016.	-	The committee may consider the changes.

5.3 Any other standards available related to the subject & scope of the standard being reviewed (International/regional/other national/association/consortia, etc or of new or revision of existing Indian Standard).

S.No.	Standard (No.)	Standard (Title)	Provisions that could be relevant while reviewing the IS	Action proposed
1	-	-	-	This Indian Standard is already an ISO adoption standard.

5.4 Technical comments on the standard received, if any.

S.No.	Source	Clause of IS	Comment	Action proposed
No entry made in this table				

5.5 Information available on relevant technical developments

S.No.	Source	Development	Relevant clause of the IS under review that is likely to be impacted (Clause & IS No.)	Action proposed
No entry made in this table				

5.6 Issues arising out of changes in any related IS or due to formulation of new Indian Standard.

S.No.	Related IS (revised or new)	Related IS Title	Provision in the IS under review that would be impacted & the clause no. or addition of new clause/provision	Changes that may be necessary in the Standards under review	Action proposed
No entry made in this table					

5.7 Any consequential changes to be considered in other IS.

S.No.	Related IS to get impacted	Related IS Title	Requirements to be impacted
No entry made in this table			

Other Details

6.	Any other observation:	The ISO adoption remains valid and current with no revision since adoption, Hence the committee may recommend the same to be re-affirmed.
7.	Upload Supporting Document(s)	
	7.1 ARP Report	68_163766382233_ARP_Report.docx
	7.2 Draft Document	No Document Uploaded
8.	Recommendations - On the basis of the analysis of the info available as mentioned above consideration of sectional committee is solicited on the following aspects of the IS under review:	The committee may consider the above information while reviewing.