

BUREAU OF INDIAN STANDARDS

Program of Work

MED 28 : Mechanical Vibration And Shock Condition Monitoring

Scope: a) Formulation of standards on mechanical vibration and shock including: i) Terminology ii) Excitation by sources, such as machines, and vibration and shock testing devices; iii) Elimination, reduction and control, especially by balancing, isolation and damping iv) Measurement and human evaluation of shock and vibration exposure v) Methods and means of measurement and calibration vi) Methods of testing b) Co-ordination of work with ISO/TC 108, Mechanical vibration and shock

Liaison: **TC-108 (P):** *Mechanical vibration, shock and condition monitoring* **TC-108 SC-2 (P):** *Measurement and evaluation of mechanical vibration and shock as applied to machines, vehicles and structures* **TC-108 SC-4 (P):** *Human exposure to mechanical vibration and shock* **TC-108 SC-5 (P):** *Condition monitoring and diagnostics of machine systems* **TC-108 SC-6 (P):** *Vibration and shock generating systems*

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS/ISO2028 -2:2008 ISO 20283-2 : 2008 ISO 20283 : Part 2 : 2008	Mechanical vibration - Measurement of vibration on ships: Part 2 measurement of structural vibration	September, 2022	-	Identical under single numbering
2	IS/ISO 10055:1996 ISO 10055 : 1996	Mechanical vibration - Vibration testing requirements for shipboard equipment and machinery components	September, 2022	-	Identical under single numbering
3	IS/ISO 10326-1:2016 ISO 10326-1 : 2016 ISO 10326 : Part 1 : 2016	Mechanical vibration - Laboratory method for evaluating vehicle seat vibration: Part 1 basic requirements	June, 2025	-	Identical under single numbering
4	IS/ISO 10815:2016 ISO 10815 : 2016 ISO 10815 : 2016	Mechanical vibration - Measurement of vibration generated internally in railway tunnels by the passage of trains	June, 2025	-	Identical under single numbering
5	IS/ISO 10816-4:2009 ISO 10816 : Part 4 : 2009	Mechanical vibration - Evaluation of machine vibration by measurements on non - Rotating parts: Part 4 gas turbine sets with fluid - Film bearings	April, 2019	-	Identical under single numbering
6	IS 11726:2017 ISO 2954 : 2012 ISO 2954 : 2012	Mechanical vibration of rotating and reciprocating machinery - Requirements for instruments for measuring vibration severity (First Revision)	January, 2022	-	Identical under dual numbering
7	IS 13276 (Part	Mechanical vibration and shock -	December, 2024	1	Identical under dual

	1):2000 ISO 2631-1 ISO 2631-:1997	Evaluation of human exposure to whole body vibration: Part 1 general requirements (First Revision)			numbering
8	IS 13281:1999 ISO 5805 ISO 5805:1997	Mechanical vibration and shock affecting man - Vocabulary (First Revision)	March, 2022	-	Identical under dual numbering
9	IS/ISO 13373-1:2002 ISO 13373 : PART 1 : 2002	Condition monitoring and diagnostics of machines - Vibration condition monitoring: Part 1 general procedures	June, 2025	-	Identical under single numbering
10	IS/ISO 13373-2:2016 ISO 13373-2 : 2016 ISO 13373 : PART 2 : 2016	Condition Monitoring and Diagnostics of Machines - Vibration Condition Monitoring Part 2 Processing Analysis and Presentation of Vibration Data (First Revision)	June, 2025	-	Identical under single numbering
11	IS 14732:2000 ISO 6897 ISO 6897 : 1984	Guidelines for the evaluation of the response of occupants of fixed structures, especially buildings and off - Shore structures, to low - Frequency horizontal motion (0.063 To 1 Hz)	December, 2024	-	Identical under dual numbering
12	IS 14736 (Part 1):2017 ISO 7626-1 : 2011 ISO 7626-1 : 2011	Mechanical vibration and shock - Experimental determination of mechanical mobility: Part 1 basic terms and definitions, and transducer specifications (First Revision)	September, 2021	-	Identical under dual numbering
13	IS 14736 (Part 2):2018 ISO 7626-2 : 2015 ISO 7626-2 : 2015	Mechanical Vibration and Shock - Experimental Determination of Mechanical Mobility Part 2 Measurements Using Single - Point Translation Excitation with an Attached Vibration Exciter (First Revision)	September, 2022	-	Identical under dual numbering
14	IS 14817 (Part 6):2004 ISO 10816-6 : 1995 ISO 10816-6 : 1995	Mechanical vibration - Evaluation of machine vibration by measurements on non - Rotating parts: Part 6 reciprocating machines with power rating above 100 kW	September, 2022	1	Identical under dual numbering
15	IS 14882:2000 ISO 10112 ISO 10112:1991	Damping materials - Graphical presentation of the complex modulus	June, 2025	-	Identical under dual numbering
16	IS 14883:2022 ISO 5348: 2021 ISO 5348: 2021	Mechanical Vibration and Shock Mechanical Mounting of Accelerometers First Revision		-	Identical under dual numbering
17	IS 14907:2001 ISO 10227 ISO 10227:1996	Human/human surrogate impact (Single Shock) testing and evaluation - Guidance on technical aspects	June, 2025	-	Identical under dual numbering
18	IS 14910:2001 ISO 8727 : 1997 ISO 8727:1997	Mechanical vibration and shock - Human exposure - Biodynamic coordinate systems	June, 2025	1	Identical under dual numbering
19	IS 14916:2016 ISO 10068 : 2012 ISO 10068: 2012	Mechanical Vibration and Shock — Mechanical Impedance of the Human Hand-Arm System at the Driving Point (First Revision)	June, 2025	-	Identical under dual numbering

20	IS/ISO 14963:2003 ISO 14963 : 2003	Mechanical vibration and shock - Guidelines for dynamic tests and investigations on bridges and viaducts	December, 2024	-	Identical under single numbering
21	IS 14979:2001 ISO 9996 ISO 9996:1996	Mechanical vibration and shocks - Disturbance to human activity and performance - Classification	June, 2025	-	Identical under dual numbering
22	IS 15593 (Part 1):2005 ISO/TS 10811-1 ISO/TS 10811-1 : 2000	Mechanical vibration and shock - Vibration and shock in buildings with sensitive equipment: Part 1 measurement and evaluation	June, 2025	-	Identical under dual numbering
23	IS 15593 (Part 2):2005 ISO/TS 10811-2 ISO/TS 10811-2 : 2000	Mechanical vibration and shock - Vibration and shock in buildings with sensitive equipment: Part 2 classification	June, 2025	-	Identical under dual numbering
24	IS 17918:2023 ISO 2017-1: 2005	Mechanical vibration and shock - Resilient Mounting Systems -Technical information to be exchanged for the application of isolation systems		-	Not Equivalent
25	IS/ISO 18431-1:2005 ISO 18431-1 : 2005 ISO 18431 : Part 1 : 2005	Mechanical vibration and shock - Signal processing: Part 1 general introduction	December, 2024	1	Identical under single numbering
26	IS/ISO 20283-5:2016 ISO 20283-5:2016 ISO 20283-5:2016	Mechanical vibration Measurement of vibration on ships Part 5: Guidelines for measurement evaluation and reporting of vibration with regard to habitability on passenger and merchant ships Adoption of ISO 20283-5 : 2016	September, 2022	-	Identical under dual numbering
27	IS/ISO 2041:2018 ISO 2041 : 2018 2041:2018	Mechanical Vibration, Shock and Condition Monitoring — Vocabulary (First Revision)	June, 2025	-	Identical under single numbering
28	IS/ISO 20816-5:2018 ISO 20816-5 : 2018 20816-5:2018	Mechanical Vibration “ Measurement and Evaluation of Machine Vibration Part 5 Machine Sets in Hydraulic Power Generating and Pump-Storage Plants (First Revision)		-	Identical under single numbering
29	IS/ISO 20816-4:2018 ISO 20816-4 : 2018 20816-4:2018	Mechanical Vibration - Measurement and Evaluation of Machine Vibration Part 4 Gas Turbines in Excess of 3 MW, with Fluid-Film Bearings (First Revision)		-	Identical under single numbering
30	IS/ISO 20816-1:2016 ISO 20816-1 : 2016 ISO 20816 : Part 1 : 2016	Mechanical vibration - Measurement and evaluation of machine vibration: Part 1 general guidelines	June, 2025	-	Identical under single numbering
31	IS/ISO 20816-3:2022 ISO 20816-3 : 2022 ISO 20816-3 : 2022	MECHANICAL VIBRATION - MEASUREMENT AND EVALUATION OF MACHINE VIBRATION PART 3 INDUSTRIAL MACHINERY		-	Identical under single numbering

		WITH A POWER RATING ABOVE 15 KW AND OPERATING SPEEDS BETWEEN 120 R/MIN AND 30 000 R/MIN			
32	IS/ISO 20816-2:2017 ISO 20816-2 : 2017 20816-2:2017	Mechanical Vibration â€” 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		1	Identical under single numbering
33	IS/ISO 21940-2:2017 ISO 21940-2 : 2017 ISO 21940-2:2017	Mechanical Vibration â€” Rotor Balancing Part 2 Vocabulary (First Revision)		-	Identical under single numbering
34	IS/ISO 21940-32:2012 ISO 21940-32 : 2012 ISO 21940 : Part 32 : 2012	Mechanical vibration - Rotor balancing: Part 32 shaft and fitment key convention	December, 2024	-	Identical under single numbering
35	IS/ISO 21940-11:2016 ISO 21940-11 : 2016 ISO 21940 : Part 11 : 2016	Mechanical vibration - Rotor balancing: Part 11 procedures and tolerances for rotors with rigid behaviour	June, 2025	1	Identical under single numbering
36	IS/ISO 21940-12:2016 ISO 21940-12 : 2006 ISO 21940 : Part 12 : 2016	Mechanical vibration - Rotor balancing: Part 12 procedures and tolerances for rotors with flexible behaviour	June, 2025	-	Identical under single numbering
37	IS/ISO 21940-14:2012 ISO 21940-14 : 2012 ISO 21940 : Part 14 : 2012	Mechanical vibration - Rotor balancing: Part 14 procedures for assessing balance errors	December, 2024	1	Identical under single numbering
38	IS/ISO 21940-23:2012 ISO 21940-23 : 2012 ISO 21940 : Part 23 : 2012	Mechanical vibration - Rotor balancing: Part 23 enclosures and other protective measures for the measuring station of balancing machines	December, 2024	-	Identical under single numbering
39	IS/ISO 21940-21:2022 ISO 21940-21 : 2022 ISO 21940-21 : 2022	Mechanical Vibration â€” Rotor Balancing Part 21 Description and Evaluation of Balancing Machines (First Revision)		-	Identical under single numbering
40	IS/ISO 21940-31:2013 ISO 21940-31 : 2013 ISO 21940 : Part 31 : 2013	Mechanical vibration - Rotor balancing: Part 31 susceptibility and sensitivity of machines to unbalance	December, 2024	-	Identical under single numbering
41	IS/ISO 21940-13:2012 ISO 21940-13 : 2012 ISO 21940 : Part 13 : 2012	Mechanical vibration - Rotor balancing: Part 13 criteria and safeguards for in - Situ balancing for medium and large rotors	December, 2024	-	Identical under single numbering

42	IS/ISO 2631-2:2003 ISO 2631 : PART 2 : 2003	Mechanical vibration and shock - Evaluation of human exposure to whole body vibration: Part 2 vibration in buildings (1 Hz To 80 Hz)	September, 2022	-	Identical under single numbering
43	IS/ISO 4866:2010 ISO 4866 ISO 4866 : 2010	Mechanical vibration and shock - Vibration of fixed structures - Guidelines for the measurement of vibrations and evaluation of their effects on structures	September, 2022	-	Identical under single numbering
44	IS/ISO 5344:2004 ISO 5344 : 2004	Electrodynamic vibration generating systems - Performance characteristics (First Revision)	September, 2022	1	Identical under single numbering
45	IS/ISO 5349-2:2001 ISO 5349 : PART 2 : 2001	Mechanical vibration - Measurement and evaluation of human exposure to handtransmitted vibration: Part 2 practical guidance for measurement at the workplace (First Revision)	September, 2022	1	Identical under single numbering
46	IS/ISO 5349-1:2001 ISO 5349 : Part 1 : 2001	Mechanical vibration - Measurement and evaluation of human exposure to handtransmitted vibration: Part 1 general requirements (First Revision)	September, 2022	-	Identical under single numbering
47	IS/ISO 5982:2019 ISO 5982 : 2019 5982:2019	Mechanical Vibration and Shock — Range of Idealized Values to Characterize Human Biodynamic Response Under Whole-Body Vibration (First Revision)	-	-	Identical under single numbering
48	IS/ISO 6070:2019 ISO 6070 : 2019 ISO 6070	Auxiliary Tables for Vibration Generators “ Methods of Describing Equipment Characteristics (First Revision)		-	Identical under single numbering
49	IS/ISO 7626-5:2019 ISO 7626-5 : 2019 7626-5:2019	Mechanical Vibration and Shock — Experimental Determination of Mechanical Mobility Part 5 Measurements Using Impact Excitation with an Exciter Which is Not Attached to The Structure (First Revision)	June, 2025	-	Identical under single numbering
50	IS/ISO 8041-1:2017 ISO 8041 : 2017 8041-1:2017	Human Response to Vibration Measuring Instrumentation Part 1 General Purpose Vibration Meters (First Revision)		-	Identical under single numbering
51	IS/ISO 8042:1988 ISO 8042 : 1988	Shock and vibration measurements - Characteristics to be specified for seismic pick - Ups	June, 2025	-	Identical under single numbering
52	IS/ISO 8608:2016 ISO 8608 : 2016 ISO 8608 : 2016	Mechanical vibration - Road surface profiles - Reporting of measured data	June, 2025	-	Identical under single numbering
53	IS/ISO 8626:1989 ISO 8626 : 1989	Servo - Hydraulic test equipment for generating vibration method of describing characteristics	January, 2022	1	Identical under single numbering

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Preliminary Draft Standards

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	MED 28 (01298)	Mechanical vibration-Evaluation of machine vibration by measurements on non- rotating parts- Part 4 Gas turbine sets with fluid-film bearings Adoption of ISO 10816-4 2009
2	MED 28 (01300)	Mechanical vibration-Rotor balancing Part 21 Description and evaluation of balancing machines
3	MED 28 (01302)	Mechanical vibration-Rotor balancing Part 32 Shaft and fitment key convention
4	MED 28 (01308)	Mechanical vibration and shock-Experimental determination of mechanical mobility- Part 1 Basic terms and definitions and transducer specifications
5	MED 28 (01344)	Vibration and shock -- Experimental determination of mechanical mobility -- Part 5 Measurements using impact excitation with an exciter which is not attached to the structure Adoption of ISO 7626-5 1994
6	MED 28 (01468)	Draft Indian Standard-Mechanical Vibration Rotor Balancing Part 13 Criteria and Safeguards for In-Situ Balancing for Large and Medium Rotors Adoption of ISO 21940-13 2012
7	MED 28 (11213) Revision of: IS 14736:2018	Mechanical vibration and shock Experimental determination of mechanical mobility Part 2 Measurements using single-point translation excitation with an attached vibration exciter Adoption of ISO 7626-2 2015
8	MED 28 (11214) Revision of: IS/ISO 13373:2016	Condition monitoring and diagnostics of machines Vibration condition monitoring Part 2 Processing analysis and presentation of vibration data Adoption of ISO 13373-2 2016
9	MED 28 (11683) Revision of: IS/ISO 6954:2000	Mechanical vibration Measurement of vibration on ships Part 5 Guidelines for measurement evaluation and reporting of vibration with regard to habitability on passenger and merchant ships Adoption of ISO 20283-5 2016
10	MED 28 (11684) Revision of: IS/ISO 1940:2003	Mechanical vibration Rotor balancing Part 11 Procedures and tolerances for rotors with flexible behavior adoption of ISO 21940-11 2016
11	MED 28 (11685) Revision of: IS/ISO 11342:1998	Mechanical vibration Rotor balancing Part 12 Procedures and tolerances for rotors with flexible behavior adoption of ISO 21940-12 2016
12	MED 28 (11927) Revision of: IS 14817:2000	Mechanical vibration Measurement and evaluation of machine vibration Part 1 General guidelines adoption of ISO 20816-1 2016
13	MED 28 (11928) Revision of: IS 14917:2001	Mechanical vibration Laboratory method for evaluating vehicle seat vibration Part 1 Basic requirements First revision of IS 14917 Pt 1
14	MED 28 (11929) Revision of: IS 15592:2005	Mechanical vibration Road surface profiles Reporting of measured data First revision of IS 15592
15	MED 28 (11930) Revision	Mechanical vibration Measurement of vibration generated internally in railway tunnels by the

	of: IS 15594:2005	passage of trains First revision of IS 15594
16	MED 28 (15434) Revision of: IS/ISO 1925:2001	Mechanical vibration rotor balancing Part 2 Vocabulary Adoption of ISO 21940-2 2017
17	MED 28 (15435) Revision of: IS/ISO 2041:2018	Mechanical vibration shock and condition monitoring Vocabulary Adoption of ISO 2041 2018
18	MED 28 (15436) Revision of: IS/ISO 5982:2019	Mechanical vibration and shock Range of idealized values to characterize human biodynamic response under whole-body vibration Adoption of ISO 5982 2019
19	MED 28 (15437) Revision of: IS/ISO 7626:2019	Mechanical vibration and shock Experimental determination of mechanical mobility Part 5 Measurements using impact excitation with an exciter which is not attached to the structure Adoption of ISO 7626-5 2019
20	MED 28 (15438) Revision of: IS/ISO 8041:2005	Human response to vibration Measuring instrumentation Part 1 General purpose vibration meters ISO 8041-1 2017
21	MED 28 (15439) Revision of: IS/ISO 10816:2001	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 rmin 1 800 rmin 3 000 rmin and 3 600 rmin Adopt
22	MED 28 (15440) Revision of: IS 14731:1999	Auxiliary tables for vibration generators Methods of describing equipment characteristics Adoption of ISO 6070 2019
23	MED 28 (15441) Revision of: IS 14817:2004	Mechanical vibration Measurement and evaluation of machine vibration Part 4 Gas turbines in excess of 3 Mw with fluid-film bearings Adoption of ISO 20816-4 2018
24	MED 28 (15442) Revision of: IS 14817:2004	Mechanical vibration Measurement and evaluation of machine vibration Part 5 Machine sets in hydraulic power generating and pump-storage plants Adoption of ISO 20816-5 2018
25	MED 28 (17666) Revision of: IS 14883:2000	Mechanical Vibration and Shock Mechanical Mounting of Accelerometers First Revision
26	MED 28 (17803)	Mechanical vibration and shock - Resilient Mounting Systems -Technical information to be exchanged for the application of isolation systems
27	MED 28 (24424)	Electrodynamic vibration generating systems - Performance characteristics First Revision Amendment - 1
28	MED 28 (24425)	Mechanical vibration - Measurement and evaluation of human exposure to handtransmitted vibration Part 2 practical guidance for measurement at the workplace First Revision Amendment - 1
29	MED 28 (24428)	Servo - Hydraulic test equipment for generating vibration method of describing characteristics Amendment - 1
30	MED 28 (24429)	Mechanical vibration and shock - Evaluation of human exposure to whole body vibration Part 1 general requirements First Revision Amendment - 1
31	MED 28 (24430)	Mechanical vibration - Rotor balancing Part 14 procedures for assessing balance errors Amendment - 1
32	MED 28 (24434)	Mechanical vibration - Rotor balancing Part 11 procedures and tolerances for rotors with rigid behaviour Amendment - 1
33	MED 28 (24435) Revision of: IS/ISO 21940:2012	MECHANICAL VIBRATION ROTOR BALANCING PART 21 DESCRIPTION AND EVALUATION OF BALANCING MACHINES First Revision Adoption of ISO 21940-21
34	MED 28 (24436)	MECHANICAL VIBRATION - MEASUREMENT AND EVALUATION OF MACHINE VIBRATION PART 3 INDUSTRIAL MACHINERY WITH A POWER RATING ABOVE 15 KW AND OPERATING SPEEDS BETWEEN 120 R MIN AND 30 000 R MIN
35	MED 28 (25019)	Mechanical vibration - Evaluation of machine vibration by measurements on non-rotating parts Part 6 Reciprocating machines with power rating above 100 kW Amendment - 1
36	MED 28 (25022)	Mechanical vibration and shock - Human exposure - Biodynamics coordinate systems Amendment - 1
37	MED 28 (25023)	Mechanical vibration and shock-signal processing Part 1 general introduction Amendment - 1
38	MED 28 (27121)	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

Total Published Standards:53 Total Standards Under development:38

Aspect Wise Report

Product : 0
Code of Practices : 7
Methods of Test : 23

Terminology : 4
Dimensions : 0
System Standard : 2
Safety Standard : 1
Others : 16
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS/ISO 10816-2:2001 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 1 500 r/Min 1 800 r/Min 3 000 r/Min and 3 600 r/Min
2	IS/ISO 11342:1998	Mechanical vibration - Methods and criteria for the mechanical balancing of flexible rotors
3	IS 11717:2000 ISO 2041	Vocabulary on Vibration and Shock
4	IS 11723 (Part 1):1992	Mechanical Vibration - Balance Quality Requirements Of Rigid Rotors Part 1 Determination Of Permissible Residual Unbalance
5	IS 11724:1985	Basis For Specifying The Rules In Evaluating The Mechanical Vibration Of Machines In The Operation Range 10 To 200 Rev s
6	IS 11725:1985	Measurement and Evaluation of the Vibration Severity of Certain Rotating Electrical Machinery with shaft Height Between 80 and 400 mm
7	IS 11727:1985	Measurement And Evaluation Of Vibration Severity In Situ Of Large Rotating Machines With Speed Range From 10 To 200 Rev s
8	IS 13274:1992	Mechanical vibration - Balancing - Vocabulary
9	IS 13275:1992	Description and Evaluation of Field Balancing Equipment
10	IS 13276 (Part 2):1992	Evaluation of Human Exposure to Whole-body Vibration - Part 2 Continuous and Shock-induced Vibration in Buildings 1 Hz to 80 Hz
11	IS 13276 (Part 3):1992 ISO 2631-2	Evaluation of Human Exposure to Whole-body Vibration - Part 2 Vibration In Building 1hz To 80 Hz
12	IS 13277:1992	Balancing Machine - Description and Evaluation
13	IS 13278:1999 ISO 3719	Mechanical Vibration - Symbols for Balancing Machines and Associated Instrumentation
14	IS 13279:1992	Criteria for Evaluating Flexible Rotor Balance
15	IS 13280:1992	Mechanical balancing of flexible rotors
16	IS 14259:1995	Vibration and shock - Isolators - Procedures for specifying characteristics
17	IS 14280:1995 ISO 8821	Mechanical vibration - Balancing - Shaft and fitment key convention
18	IS 14728:1999	Code for the Measurement and Reporting of Shipboard Vibration Data
19	IS 14729:1999	Code for the Measurement and Reporting of Local Vibration Data of Ship Structures and Equipment
20	IS 14730:2000	Vibration and Shock - Mechanical Driving Point Impedance of the Human Body
21	IS 14731:1999 ISO 6070	Auxiliary Tables for vibration generators - Methods of describing equipment characteristics

	ISO 6070 : 1981	
22	IS 14733:1999	Mechanical Vibration and Shock - Guidelines for the Overall Evaluation of Vibration in Merchant Ships
23	IS 14734:1999	Balancing Machines - Enclosures and Other Safety Measures
24	IS 14737:1999	Human Response to Vibration - Measuring Instrumentation
25	IS 14773 (Part 1):2000 ISO 7919-1	Mechanical Vibration of Non-reciprocating Machines - Measurements on Rotating Shafts and Evaluation Criteria - Part 1 General Guidelines
26	IS 14773 (Part 3):2000 ISO 7919-3	Mechanical Vibration of Non-Reciprocating Machines - Measurements on Rotating Shafts and Evaluation Criteria - Part 3 Coupled Industrial Machines
27	IS 14773 (Part 4):2000 ISO 7919-4	Mechanical Vibration of Non-reciprocating Machines - Measurements on Rotating Shafts and Evaluation Criteria - Part 4 Gas Turbine Sets
28	IS 14773 (Part 2):2000	Mechanical Vibration of Non-reciprocating Machines - Measurements on Rotating Shafts and Evaluation Criteria - Part 2 Large Land-based Steam Turbine Generator Sets
29	IS 14773 (Part 5):2001	Mechanical Vibration of Non-Reciprocating Machines - Measurements on Rotating Shafts and Evaluation Criteria - Part 5 Machine Sets in Hydraulic Power Generating and Pumping Plants
30	IS 14817 (Part 1):2000 ISO 10816-1:1995 ISO 10816-1 : 1995	Mechanical vibration - Evaluation of machine vibration - By measurements on non - Rotating parts Part 1 general guidelines
31	IS 14817 (Part 3):2017 ISO 10816-3 : 2009 ISO 10816-3 : 1995	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
32	IS 14817 (Part 4):2004 ISO 10816-4 ISO 10816-4 : 1995	Mechanical vibration - Evaluation of machine vibration by measurements on non - Rotating parts Part 4 gas turbines driven sets excluding aircraft derivatives
33	IS 14817 (Part 5):2004 ISO 10816-5 ISO 10816-5 : 1995	Mechanical vibration - Evaluation of machine vibration by measurements on non - Rotating parts Part 5 machine sets in hydraulic power generating pumping and pumping plants
34	IS 14817 (Part 2):2017 ISO 10816-2 : 2009 ISO 10816-2 : 1995	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 1 500 r min 1 800 r min 3 000 r min and 3 600 r min
35	IS 14884:2000 ISO 4866	Mechanical Vibration and Shock - Vibration of Buildings - Guidelines for the Measurement of Vibrations and Evaluation of Their Effects on Buildings
36	IS 14908:2001	Mechanical Vibration and Shock - Mechanical Transmissibility of the Human Body in the Z Direction
37	IS 14917 (Part 1):2001 ISO 10326-1	Mechanical Vibration - Laboratory Method for Evaluating Vehicle Seat Vibration - Part 1 Basic Requirements
38	IS 14918:2001	Mechanical Vibrations - Method and Criteria for the Mechanical Balancing of Flexible Rotors
39	IS 15591:2005 ISO 8569 ISO 8569:1996	Mechanical vibration and shock - Measurement and evaluation of shock and vibration effects on sensitive equipment in buildings
40	IS 15592:2005 ISO 8608	Mechanical vibration - Road surface profiles - Reporting of measured data
41	IS 15594:2005 ISO 10815	Mechanical Vibration - Measurement of Vibration Generated interally in Railway Tunnels by Passage of the Trains
42	IS/ISO 1925:2001 ISO 1925 : 2001	Mechanical vibration - Balancing - Vocabulary
43	IS/ISO 1940-1:2003	Mechanical vibration - Balance quality requirements for rotors in a constant Rigid state Part 1 Specifications and verification of balance tolerances
44	IS/ISO 1940-2:1997	Mechanical Vibration - Balance Quality Requirements of Rigid Rotors

45	IS/ISO 2017-2:2007	Mechanical Vibration and Shock - Resilient Mounting Systems Part 2 Technical Information to be Exchanged for the Application of Vibration Isolation Associated with Railway Systems
46	IS/ISO 20806:2004 ISO 20806:2004 ISO 20806:2004	Mechanical Vibration - Criteria and Safeguards for the In-Situ Balancing of medium and Large Rotors
47	IS/ISO 2953:1999	Mechanical vibration - Balancing machines - Description and evaluation
48	IS/ISO 5349:1986 ISO 5349 : 2001	Mechanical vibration - Guidelines for the measurement and the assessment of human exposure to hand transmitted vibration
49	IS/ISO 6954:2000	Mechanical vibration - Guidelines for the measurement reporting and evaluation of vibration with regard to habitability of passenger and merchant ships
50	IS/ISO 7475:2002	Mechanical vibration - Balancing machines - Englosures and other protective measures for the measuring station
51	IS/ISO 7919-3:2009 ISO7919-3 : 2009 ISO 7919 : Part 3 : 2009	Mechanical vibration - Evaluation of machine vibration by measurements on rotating shafts Part 3 coupled industrial machines
52	IS/ISO 7919-4:2009 ISO 7919-4 ISO 7919 : Part 4 : 2009	Mechanical vibration - Evaluation of machine vibration by measurements on rotating shafts Part 4 gas turbine sets with fluid - Film bearings
53	IS/ISO 7919-2:2009 ISO 7919 : PART 2 : 2009	Mechanical vibration - Evaluation of machine vibration by measurements on rotating shafts Part 2 land - Based steam turbines and generators in excess of 50 mw with normal operating speeds of 1 500 r min 1 800 r min 3 000 r min and 3 600 r min First Revision
54	IS/ISO 7919-5:2005 ISO 7919 : PART 5 : 2005	Mechanical vibration - Evaluation of machine vibration by measurements on rotating shafts Part 5 machine sets in hydraulic power generating and pumping plants
55	IS/ISO 8041:2005 ISO 8041 : 2005	Human response to vibration - Measuring instrumentation
56	IS/ISO 8568:2007 ISO 8568	Mechanical shock - Testing machines - Characteristics and performance

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
<i>No Records Found</i>		