

## Vibration standards

# Standards

The following table shows you a compilation of standards related to vibration measurement.

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<a href="#">ANSI S2.48</a>	Servo-Hydraulic Test Equipment for Generating Vibration - Methods of Describing Characteristics
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<a href="#">ANSI S2.61</a>	Guide to the Mechanical Mounting of Accelerometers
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<a href="#">ANSI S3.34</a>	Human Exposure to Vibration Transmitted to the Hand, Guide for Measurement and Evaluation of

<a href="#">ANSI S3.40</a>	Mechanical Vibration and Shock - Hand-Arm Vibration - Method for the Measurement and Evaluation of the Vibration Transmissibility of Gloves at the Palm of the Hand ( <a href="#">ISO 10819</a> )
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<a href="#">ARI 530-95</a>	Method of Rating Sound and Vibration of Refrigerant Compressors
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<a href="#">BS 3015</a>	Glossary of terms relating to mechanical vibration and shock ( <a href="#">ISO 2041</a> )
<a href="#">BS 3375</a>	Management services. Guide to determination of exposure limits, recovery times and relaxation times in work measurement
<a href="#">BS 4220</a>	Tests for a seat intended for a nominated tractor model; provides for measurement of transmitted vertical vibration on artificial track.
<a href="#">BS 4675-2</a>	Mechanical vibration in rotating machinery. Requirements for instruments for measuring vibration severity ( <a href="#">ISO 2954</a> )
<a href="#">BS 4999-142</a>	General requirements for rotating electrical machines. Specification for mechanical performance: vibration
<a href="#">BS 5000-3</a>	Specifies generators with outputs greater than 0.75 kW or kVA per 100 r/min, matched to characteristics of internal combustion engines. Torsional and linear vibrational withstand levels are specified
<a href="#">BS 5228-1</a> <a href="#">BS 5228-2</a> <a href="#">BS 5228-3</a> <a href="#">BS 5228-4</a> <a href="#">BS 5228-5</a>	Noise and vibration control on construction and open sites. Part 1: Code of practice for basic information and procedures for noise and vibration control Part 2: Guide to noise and vibration control legislation for construction and demolition including road construction and maintenance Part 3: Code of practice applicable to surface coal extraction by opencast methods Part 4: Code of practice for noise and vibration control applicable to piling operations Part 5: Code of practice applicable to surface mineral extraction (except coal) sites
<a href="#">BS 6140-2</a>	Test equipment for generating vibration. Methods of describing characteristics of auxiliary tables for test equipment for generating vibration ( <a href="#">ISO 6070</a> )
<a href="#">BS 6414</a>	Method for specifying characteristics of vibration and shock isolators ( <a href="#">ISO 2017</a> )
<a href="#">BS 6472</a>	Guide to evaluation of human exposure to vibration in buildings (1 Hz to 80 Hz)
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	Mechanical vibration. Balance quality requirements of rigid rotors. Balance errors ( <a href="#">ISO 1940-2</a> )
<a href="#">BS 6897</a>	Experimental determination of mechanical mobility ( <a href="#">ISO 7626</a> )
<a href="#">BS 6916-8</a>	Chain saws. Method of measurement of hand-transmitted vibration ( <a href="#">ISO 7505</a> )
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<a href="#">BS 7119</a>	Specification for shock and vibration measurements: characteristics to be specified for seismic pick-ups ( <a href="#">ISO 8042</a> )
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<a href="#">BS 7482-1</a> <a href="#">BS 7482-2</a> <a href="#">BS 7482-3</a>	Instrumentation for the measurement of vibration exposure of human beings. Part 1: Specification for general requirements for instrumentation for measuring the vibration applied to human beings Part 2: Specification for instrumentation for measuring vibration transmitted to the hand Part 3: Specification for instrumentation for measuring vibration exposure to the whole body
<a href="#">BS 7527-2.6</a>	Classification of environmental conditions. Environmental conditions appearing in nature. Earthquake vibration and shock (IEC 60721-2-6)
<a href="#">BS 7698-9</a>	Reciprocating internal combustion engine driven alternating current generating sets. Measurement and evaluation of mechanical vibrations ( <a href="#">ISO 8528-9</a> )
<a href="#">BS 7853</a>	Mechanical vibration. Road surface profiles. Reporting of measured data ( <a href="#">ISO 8608</a> )
<a href="#">BS 7854</a>	Mechanical vibration. Evaluation of machine vibration by measurements on non-rotating parts ( <a href="#">ISO 10816</a> )
<a href="#">CR 1030-1</a> <a href="#">CR 1030-2</a>	Hand-arm vibration - Guidelines for vibration hazards reduction Part 1: Engineering methods by design of machinery Part 2: Management measures at the workplace
<a href="#">CR 12349</a>	Mechanical vibration - Guide to the health effects of vibration on the human body
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<a href="#">GB/T 2423.48</a>	Part 48: Test Ff:Vibration--Time-history method
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<a href="#">GB/T 3389.4</a>	Test methods for the properties of piezoelectric ceramics
<a href="#">GB/T 3389.5</a>	Part 4: Longitudinal length extension vibration mode for rod
<a href="#">GB/T 3389.6</a>	Part 5: Thickness extension vibration mode for disk Part 6 Thickness-shear vibration mode for rectangular plate:
<a href="#">GB/T 4451</a>	Methods of vibration (sinusoidal) test for use in industrial process measurement and control instrument



<a href="#">GB/T 4857.10</a>	Packaging--Transport packages--Sinusoidal vibration test method using a variable vibration frequency
<a href="#">GB/T 4857.7</a>	Packaging--Transport packages--Sinusoidal vibration test method at constant frequency
<a href="#">GB/T 5170.13</a>	Inspection methods for basic parameters of environmental testing equipments for electric and electronic products--Mechanical vibrating type machines for vibration (sinusoidal ) test
<a href="#">GB/T 5170.15</a>	Inspection methods for basic parameters of environmental testing equipments for electric and electronic products--Hydraulic vibrating type machines for vibration
<a href="#">GB/T 5395</a>	Portable chain saws-Measurement of hand-transmitted vibration
<a href="#">GB/T 5913</a>	Mechanical vibration of machines and equipments in diesel locomotive Evaluation of vibration severity in site
<a href="#">GB/T 6444</a>	Mechanical vibration--Balancing vocabulary
<a href="#">GB/T 6587.4</a>	Vibration tests for electronic measuring instruments
<a href="#">GB/T 7031</a>	Vehicle vibration--Describing method for road surface irregularity
<a href="#">GB/T 7183</a>	Evaluation of mechanical vibration severity of machines and equipments in electric locomotives
<a href="#">GB/T 7184</a>	Measurement method of vibration for small and medium power diesel engines
<a href="#">GB/T 7452.1</a>	Guidelines for the overall evaluation of vibration in merchant ships
<a href="#">GB/T 7452.2</a>	Guidelines for the overall evaluation of vibration in merchant ships under 100m
<a href="#">GB/T 7453</a>	Measurement of ship vibration
<a href="#">GB/T 8543</a>	Determination of mechanical vibrations of gear units during acceptance testing
<a href="#">IEC 60034-14</a>	Rotating electrical machines Part 14: Mechanical vibration of certain machines with shaft heights 56 mm and higher - Measurement, evaluation and limits of vibration severity
<a href="#">IEC 60068-2-...</a>	Environmental testing Part 2: Methods of test
<a href="#">IEC 60068-3-8</a>	Environmental testing Part 3-8: Supporting documentation and guidance - Selecting amongst vibration tests
<a href="#">IEC 60255-21</a>	Electrical relays Part 21: Vibration, shock, bump and seismic tests on measuring relays and protection equipment
<a href="#">IEC 60512-6-4</a>	Electromechanical components for electronic equipment - Basic testing procedures and measuring methods -
<a href="#">IEC 60512-6-5</a>	Part 6-4: Dynamic stress tests - Test 6d: Vibration (sinusoidal) Part 6: Dynamic stress tests - Section 5: Test 6e: Random vibration
<a href="#">IEC 60721-2-6</a>	Classification of environmental conditions Part 2: Environmental conditions appearing in nature. Earthquake vibration and shock
<a href="#">IEC 60994</a>	Guide for field measurement of vibrations and pulsations in hydraulic machines (turbines, storage pumps and pump-turbines)
<a href="#">IEC 60745</a>	Hand-held motor-operated electric tools - Safety
<a href="#">IEC 60749-12</a>	Semiconductor devices - Mechanical and climatic test methods Part 12: Vibration, variable frequency
<a href="#">IEC 61300-2-1</a>	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures Part 2-1: Tests - Vibration (sinusoidal)
IEC 61373	Railway applications. Rolling stock equipment. Shock and vibration tests

<a href="#">IEC 61502</a>	Nuclear power plants - Pressurized water reactors - Vibration monitoring of internal structures
<a href="#">IEEE 344</a>	IEEE Recommended Practice for Seismic Qualification of Class 1E Equipment for Nuclear Power Generating Stations
<a href="#">IEEE 1451.4</a>	IEEE Standard for A Smart Transducer Interface for Sensors and Actuators--Mixed-Mode Communication Protocols and Transducer Electronic Data Sheet (TEDS) Formats
ISA-RP37.2	Guide for Specifications and Tests for Piezoelectric Acceleration Transducers for Aerospace Testing
<a href="#">ISO 140</a>	Acoustics -- Measurement of sound insulation in buildings and of building elements
<a href="#">ISO 1925</a>	Mechanical vibration - Balancing - Vocabulary
<a href="#">ISO 1940-1</a>	Mechanical vibration – Balance quality requirements of rigid rotors
<a href="#">ISO 1940-2</a>	Part 1: Determination of permissible residual unbalance Part 2: Balance errors
<a href="#">ISO 2017</a>	Method for specifying characteristics of vibration and shock isolators
<a href="#">ISO 2041</a>	Vibration and shock – Vocabulary
<a href="#">ISO 2247</a>	Packaging -- Complete, filled transport packages and unit loads -- Vibration tests at fixed low frequency
<a href="#">ISO 2371</a>	Field balancing equipment – Description and evaluation (withdrawn)
<a href="#">ISO 2372</a>	Mechanical vibration of machines with operating speeds from 10 to 200 rev/s – Basis for specifying evaluation standards (withdrawn, replaced by <a href="#">ISO 10816-1</a> )
<a href="#">ISO 2373</a>	Mechanical vibration of certain rotating electrical machinery with shaft heights between 80 and 400 mm -- Measurement and evaluation of the vibration severity (withdrawn)
<a href="#">ISO 2631-1</a>	Mechanical vibration and shock -- Evaluation of human exposure to whole-body vibration
<a href="#">ISO 2631-2</a>	Part 1: General requirements
<a href="#">ISO 2631-4</a>	Part 2: Vibration in buildings (1 Hz to 80 Hz)
<a href="#">ISO 2631-5</a>	Part 4: Guidelines for the evaluation of the effects of vibration and rotational motion on passenger and crew comfort in fixed-guideway transport systems
	Part 5: Method for evaluation of vibration containing multiple shocks
<a href="#">ISO 2671</a>	Environmental tests for aircraft equipment -- Part 3.4 : Acoustic vibration
<a href="#">ISO 2953</a>	Balancing machines – Description and evaluation
<a href="#">ISO 2954</a>	Mechanical vibration of rotating and reciprocating machinery – Requirements for instruments for measuring vibration severity
<a href="#">ISO 3046-5</a>	Reciprocating internal combustion engines -- Performance
	Part 5: Torsional vibrations
<a href="#">ISO 3945</a>	Mechanical vibration of large rotating machines with speed range from 10 to 200 r/s – Measurement and evaluation of vibration severity in situ (withdrawn, replaced by <a href="#">ISO 10816</a> )
<a href="#">ISO 4866</a>	Evaluation and measurement for vibration in buildings. Guide for measurement of vibrations and evaluation of their effects on buildings
<a href="#">ISO 4867</a>	Method for measurement and reporting of shipboard vibration data
<a href="#">ISO 4868</a>	Method for measurement and reporting of local vibration data of ship structures and equipment
<a href="#">ISO 5007</a>	Agricultural wheeled tractors. Operator's seat. Laboratory measurement of transmitted vibration
<a href="#">ISO 5008</a>	Agricultural wheeled tractors and field machinery. Measurement of whole-body vibration of the operator
<a href="#">ISO 5344</a>	Electrodynamic vibration generating systems - Performance characteristics

<a href="#">ISO 5347-4</a>	Methods for the calibration of vibration and shock pick-ups Part 4: Secondary shock calibration
<a href="#">ISO 5347-5</a>	Part 5: Calibration by Earth's gravitation
<a href="#">ISO 5347-6</a>	Part 6: Primary vibration calibration at low frequencies
<a href="#">ISO 5347-7</a>	Part 7: Primary calibration by centrifuge
<a href="#">ISO 5347-8</a>	Part 8: Primary calibration by dual centrifuge
<a href="#">ISO 5347-10</a>	Part 10: Primary calibration by high impact shocks
<a href="#">ISO 5347-11</a>	Part 11: Testing of transverse vibration sensitivity
<a href="#">ISO 5347-12</a>	Part 12: Testing of transverse shock sensitivity
<a href="#">ISO 5347-13</a>	Part 13: Testing of base strain sensitivity
<a href="#">ISO 5347-14</a>	Part 14: Resonance frequency testing of undamped accelerometers on a steel block
<a href="#">ISO 5347-15</a>	Part 15: Testing of acoustic sensitivity
<a href="#">ISO 5347-16</a>	Part 16: Testing of mounting torque sensitivity
<a href="#">ISO 5347-17</a>	Part 17: Testing of fixed temperature sensitivity
<a href="#">ISO 5347-18</a>	Part 18: Testing of transient temperature sensitivity
<a href="#">ISO 5347-19</a>	Part 19: Testing of magnetic field sensitivity
<a href="#">ISO 5347-22</a>	Part 22: Accelerometer resonance testing -- General methods
<a href="#">ISO 5348</a>	Mechanical vibration and shock – Mechanical mounting of accelerometers
<a href="#">ISO 5349-1</a>	Mechanical vibration - Measurement and evaluation of human exposure to hand-transmitted vibration
<a href="#">ISO 5349-2</a>	Part 1: General requirements Part 2: Practical guidance for measurement at the workplace
<a href="#">ISO 5805</a>	Mechanical vibration and shock affecting man – Vocabulary
<a href="#">ISO 5982</a>	Mechanical vibration and shock -- Range of idealized values to characterize seated-body biodynamic response under vertical vibration
<a href="#">ISO 6070</a>	Auxiliary tables for vibration generators – Methods of describing equipment characteristics
<a href="#">ISO 6721</a>	Determination of dynamic mechanical properties
<a href="#">ISO 6897</a>	Guide to evaluation of the response of occupants of fixed structures, especially buildings and offshore structures, to low-frequency horizontal motion (0.063 Hz to 1 Hz)
<a href="#">ISO 6954</a>	Mechanical vibration. Guidelines for the measurement, reporting and evaluation of vibration with regard to habitability on passenger and merchant ships
<a href="#">ISO 7096</a>	Earth-moving machinery. Laboratory evaluation of operator seat vibration
<a href="#">ISO 7505</a>	Forestry machinery -- Chain saws -- Measurement of hand-transmitted vibration
<a href="#">ISO 7626-1</a>	Vibration and shock – Experimental determination of mechanical mobility Part 1 : Basic definitions and transducers
<a href="#">ISO 7626-2</a>	Part 2: Measurements using single-point translation excitation with an attached vibration exciter
<a href="#">ISO 7626-5</a>	Part 5: Measurements using impact excitation with an exciter which is not attached to the structure
<a href="#">ISO/TR 7849</a>	Acoustics -- Estimation of airborne noise emitted by machinery using vibration measurement
<a href="#">ISO 7916</a>	Forestry machinery -- Portable brush-saws -- Measurement of hand-transmitted vibration
<a href="#">ISO 7919-1</a>	Mechanical vibration of non-reciprocating machines -Measurements on rotating shafts and evaluation
<a href="#">ISO 7919-2</a>	Part 1: General guidelines
<a href="#">ISO 7919-3</a>	Part 2: Land-based steam turbines and generators in excess of 50 MW with normal operating speeds of 1500 r/min, 1800 r/min, 3000 r/min and 3600 r/min
<a href="#">ISO 7919-4</a>	Part 3: Coupled industrial machines
<a href="#">ISO 7919-5</a>	

	Part 4: Gas turbine sets
	Part 5: Machine sets in hydraulic power generating and pumping plants
<a href="#">ISO 8002</a>	Method for reporting measured vibration data for land vehicles
<a href="#">ISO 8041</a>	Human response to vibration. Measuring instrumentation
<a href="#">ISO 8042</a>	Shock and vibration measurements – Characteristics to be specified for seismic pick-ups
<a href="#">ISO 8313</a>	Packaging -- Complete, filled transport packages and unit loads -- Sinusoidal vibration tests using a variable frequency
<a href="#">ISO 8568</a>	Mechanical shock – Testing machines - Characteristics and performance
<a href="#">ISO 8569</a>	Mechanical vibration and shock -- Measurement and evaluation of shock and vibration effects on sensitive equipment in buildings
<a href="#">ISO 8528-9</a>	Reciprocating internal combustion engine driven alternating current generating sets -- Part 9: Measurement and evaluation of mechanical vibrations
	Acceptance code for gears
<a href="#">ISO 8579-2</a>	Part 2: Determination of mechanical vibrations of gear units during acceptance testing
<a href="#">ISO 8608</a>	Mechanical vibration -- Road surface profiles -- Reporting of measured data
<a href="#">ISO 8626</a>	Servo-hydraulic test equipment for generating vibration – Method of describing characteristics
	Hand-held portable power tools -- Measurement of vibrations at the handle
	Part 1: General
<a href="#">ISO 8662-1</a>	Part 2: Chipping hammers and riveting hammers
<a href="#">ISO 8662-2</a>	Part 3: Rock drills and rotary hammers
<a href="#">ISO 8662-3</a>	Part 4: Grinders
<a href="#">ISO 8662-4</a>	Part 5: Pavement breakers and hammers for construction work
<a href="#">ISO 8662-5</a>	Part 6: Impact drills
<a href="#">ISO 8662-6</a>	Part 7: Wrenches, screwdrivers and nut runners with impact, impulse or ratchet action
<a href="#">ISO 8662-7</a>	Part 8: Polishers and rotary, orbital and random orbital sanders
<a href="#">ISO 8662-8</a>	Part 9: Rammers
<a href="#">ISO 8662-9</a>	Part 10: Nibblers and shears
<a href="#">ISO 8662-10</a>	Part 11: Fastener driving tools
<a href="#">ISO 8662-11</a>	Part 12: Saws and files with reciprocating action and saws with oscillating or rotating action
<a href="#">ISO 8662-12</a>	Part 13: Die grinders
<a href="#">ISO 8662-13</a>	Part 14: Stone-working tools and needle scalers
<a href="#">ISO 8662-14</a>	
<a href="#">ISO 8727</a>	Mechanical vibration and shock. Human exposure. Biodynamic coordinate systems
<a href="#">ISO 8821</a>	Mechanical vibration – Balancing – Shaft and fitment key convention
	Mechanical vibration and shock – Analytical methods of assessing shock resistance of mechanical systems – Information exchange between suppliers and users of analyses
<a href="#">ISO 9688</a>	
	Mechanical vibration and shock -- Disturbance to human activity and performance -- Classification
<a href="#">ISO 9996</a>	
	Mechanical vibration – Methods and criteria for the mechanical balancing of flexible rotors
<a href="#">ISO 11342</a>	
	Mechanical vibration -- Vibration testing requirements for shipboard equipment and machinery components
<a href="#">ISO 10055</a>	
	Mechanical vibration. Measurement and analysis of whole-body vibration to which passengers and crew are exposed in railway vehicles
<a href="#">ISO 10056</a>	
	Mechanical vibration and shock -- Free, mechanical impedance of the human hand-arm system at the driving point
<a href="#">ISO 10068</a>	

<a href="#">ISO 10326-1</a> <a href="#">ISO 10326-2</a>	Mechanical vibration -- Laboratory method for evaluating vehicle seat vibration Part 1: Basic requirements Part 2: Application to railway vehicles
<a href="#">ISO/TS 10811-1</a> <a href="#">ISO/TS 10811-2</a>	Mechanical vibration and shock -- Vibration and shock in buildings with sensitive equipment Part 1: Measurement and evaluation Part 2: Classification
<a href="#">ISO 10813-1</a> <a href="#">ISO 10813-3</a>	Vibration generating machines -- Guidance for selection Part 1: Equipment for environmental testing Part 3: Equipment to be used in a shock mode (draft standard)
<a href="#">ISO 10814</a>	Mechanical vibration -- Susceptibility and sensitivity of machines to unbalance
<a href="#">ISO 10815</a>	Mechanical vibration. Measurement of vibration generated internally in railway tunnels by the passage of trains
<a href="#">ISO 10816-1</a> <a href="#">ISO 10816-2</a> <a href="#">ISO 10816-3</a> <a href="#">ISO 10816-4</a> <a href="#">ISO 10816-5</a> <a href="#">ISO 10816-6</a>	Mechanical vibration -- Evaluation of machine vibration by measurements on non-rotating parts Part 1: General guidelines Part 2: Land-based steam turbines and generators in excess of 50 MW with normal operating speeds of 1500 r/min, 1800 r/min, 3000 r/min and 3600 r/min 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 Part 4: Gas turbine driven sets excluding aircraft derivatives Part 5: Machine sets in hydraulic power generating and pumping plants (available in English only) Part 6: Reciprocating machines with power ratings above 100 kW
<a href="#">ISO 10817-1</a>	Rotating shaft vibration measuring systems -- Part 1: Relative and absolute sensing of radial vibration
<a href="#">ISO 10819</a>	Mechanical vibration and shock. Hand-arm vibration. Method for the measurement and evaluation of the vibration transmissibility of gloves at the palm of the hand  Acoustics and vibration -- Laboratory measurement of vibro-acoustic transfer properties of resilient elements
<a href="#">ISO 10846-1</a> <a href="#">ISO 10846-2</a> <a href="#">ISO 10846-3</a> <a href="#">ISO 10846-4</a>	Part 1: Principles and guidelines Part 2: Dynamic stiffness of elastic supports for translatory motion -- Direct method Part 3: Indirect method for determination of the dynamic stiffness of resilient supports for translatory motion Part 4: Dynamic stiffness of elements other than resilient supports for translatory motion
<a href="#">ISO 11342</a>	Mechanical vibration -- Methods and criteria for the mechanical balancing of flexible rotors
<a href="#">ISO 13090-1</a>	Mechanical vibration and shock - Guidance on safety aspects of tests and experiments with people Part 1: Exposure to whole-body mechanical vibration and repeated shock
<a href="#">ISO 13091-1</a> <a href="#">ISO 13091-2</a>	Mechanical vibration -- Vibrotactile perception thresholds for the assessment of nerve dysfunction Part 1: Methods of measurement at the fingertips Part 2: Analysis and interpretation of measurements at the fingertips
<a href="#">ISO 13332</a>	Reciprocating internal combustion engines. Test code for the measurement of structure-borne noise emitted from high-speed and medium-speed reciprocating internal combustion engines measured at the engine feet
<a href="#">ISO 13350</a>	Industrial fans -- Performance testing of jet fans
<a href="#">ISO 13355</a>	Packaging. Complete, filled transport packages and unit loads. Vertical random vibration test

<a href="#">ISO 13373-1</a>	Condition monitoring and diagnostics of machines. Vibration condition monitoring. Part 1: General procedures
ISO 13374	Condition monitoring and diagnostics of machines - Data processing, communication and presentation
ISO 13379	Condition monitoring and diagnostics of machines - General guidelines on data interpretation and diagnostics techniques
<a href="#">ISO 13753</a>	Mechanical vibration and shock - Hand-arm vibration - Method for measuring the vibration transmissibility of resilient materials when loaded by the hand-arm system
<a href="#">ISO 14694</a>	Industrial fans -- Specifications for balance quality and vibration levels
<a href="#">ISO 14695</a>	Fans for general purposes. Method of measurement of fan vibration
<a href="#">ISO 14839-1</a>	Mechanical vibration -- Vibration of rotating machinery equipped with active magnetic bearings
<a href="#">ISO 14839-2</a>	Part 1: Vocabulary Part 2: Evaluation of vibration
<a href="#">ISO 14963</a>	Mechanical vibration and shock -- Guidelines for dynamic tests and investigations on bridges and viaducts
<a href="#">ISO 14964</a>	Mechanical vibration and shock. Vibration of stationary structures. Specific requirements for quality management in measurement and evaluation of vibration
<a href="#">ISO 15242-1</a>	Rolling bearings -- Measuring methods for vibration
<a href="#">ISO 15242-2</a>	Part 1: Fundamentals
<a href="#">ISO 15242-3</a>	Part 2: Radial ball bearings with cylindrical bore and outside surface
<a href="#">ISO 15242-4</a>	Part 3: Radial double-row spherical and tapered roller bearings with cylindrical bore and outside surface Part 4: Radial cylindrical roller bearings with cylindrical bore and outside surface
<a href="#">ISO 15243</a>	Rolling bearings -- Damage and failures -- Terms, characteristics and causes
<a href="#">ISO/TS 15694</a>	Mechanical vibration and shock -- Measurement and evaluation of single shocks transmitted from hand-held and hand-guided machines to the hand-arm system
<a href="#">ISO 16063-1</a>	Methods for the calibration of vibration and shock transducers
<a href="#">ISO 16063-11</a>	Part 1: Basic concepts
<a href="#">ISO 16063-12</a>	Part 11: Primary vibration calibration by laser interferometry
<a href="#">ISO 16063-13</a>	Part 12: Primary vibration calibration by the reciprocity method
<a href="#">ISO 16063-15</a>	Part 13: Primary shock calibration using laser interferometry
<a href="#">ISO 16063-16</a>	Part 15: Primary angular vibration calibration by laser interferometry
<a href="#">ISO 16063-21</a>	Part 16: Calibration by Earth's gravitation
<a href="#">ISO 16063-22</a>	Part 21: Vibration calibration by comparison with a reference transducer
<a href="#">ISO 16063-31</a>	Part 22: Shock calibration by comparison with a reference transducer (replacement for ISO 5347-4)
<a href="#">ISO 16063-41</a>	Part 31: Testing of transverse vibration sensitivity Part 41: Calibration of laser vibrometers
<a href="#">ISO 18431-1</a>	Mechanical vibration and shock -- Signal processing
<a href="#">ISO 18431-2</a>	Part 1: General introduction
<a href="#">ISO 18431-4</a>	Part 2: Time domain windows for Fourier Transform analysis Part 4: Shock-response spectrum analysis
<a href="#">ISO 18436-1</a>	Condition monitoring and diagnostics of machines -- Requirements for training and certification of personnel
<a href="#">ISO 18436-2</a>	Part 1: Requirements for certifying bodies and the certification process Part 2: Vibration condition monitoring and diagnostics
<a href="#">ISO 18649</a>	Mechanical vibration -- Evaluation of measurement results from dynamic tests and investigations on bridges
<a href="#">ISO 20643</a>	Mechanical vibration -- Hand-held and hand-guided machinery -- Principles for evaluation of vibration emission

<a href="#">ISO 22867</a>	Forestry machinery -- Vibration test code for portable hand-held machines with internal combustion engine -- Vibration at the handles
<a href="#">JIS B 0906</a>	Mechanical vibration -- Evaluation of machine vibration by measurements on non-rotating parts -- General guidelines
<a href="#">JIS B 0907</a>	Mechanical vibration of rotating and reciprocating machinery -- Requirements for instruments for measuring vibration severity
<a href="#">JIS B 0910</a>	Mechanical vibration of non-reciprocating machines -- Measurements on rotating shafts and evaluation criteria
<a href="#">JIS B 0911</a>	Mechanical vibration -- Susceptibility and sensitivity of machines to unbalance Acceptance code for gears
<a href="#">JIS B 1754</a>	Part 2: Determination of mechanical vibrations of gear units during acceptance testing
<a href="#">JIS C 1510</a>	Vibration level meters
<a href="#">JIS C 1512</a>	Level recorders for recording sound level and/or vibration level
<a href="#">JIS D 1601</a>	Vibration testing methods for automobile parts
<a href="#">JIS E 3014</a>	Parts for railway signal -Vibration test methods
<a href="#">JIS E 4023</a>	Vibration characteristics of railway rolling stock -- Measuring methods
<a href="#">JIS E 4031</a>	Railway rolling stock parts -- Test methods for vibration
<a href="#">JIS Z 0232</a>	Packaged freights -- Method of vibration test
<a href="#">JIS Z 8735</a>	Methods of measurement for vibration level
<a href="#">MIL-A-8870C</a>	Airplane Strength and Rigidity Vibration, Flutter, and Divergence
<a href="#">MIL-STD-167</a>	Mechanical Vibrations On Ship Board Systems
<a href="#">MIL-STD-167/1</a>	Mechanical Vibrations of Shipboard Equipment (Type I - Environmental and Type II - Internally Excited)
<a href="#">MIL-STD-167/2</a>	MIL-STD-167/2 Mechanical Vibrations of Shipboard Equipment (Reciprocating Machinery and Propulsion System and Shafting) Types III, IV, and V
<a href="#">MIL-STD-202G</a>	Test Method 201A: Vibration
<a href="#">MIL-STD-202G</a>	Test Method 204D: Vibration, High Frequency
<a href="#">MIL-STD-202G</a>	Test Method 214A: Random Vibration
<a href="#">MIL-STD-810F</a>	Test Method Standard For Environmental Engineering
<a href="#">NEMA MG1</a>	Assists users in the proper selection and application of motors and generators.
<a href="#">NF S30-102</a>	Acoustics. Terminology. Transmission systems and transducers for sound and vibrations
<a href="#">PD 6585-2</a>	Hand-arm vibration. Guidelines for vibration hazards reduction. Management measures at the workplace
<a href="#">S31-087</a>	Acoustics. Estimation of airborne noise emitted by machinery using vibration measurement
<a href="#">UIC 513</a>	Guidelines for evaluating passenger comfort in relation to vibration in railway vehicles
<a href="#">UNI 9916</a>	Criteria for the measurements of vibrations and the assessment of their effects on buildings
<a href="#">UNI 9942</a>	Methods for measurement of vibrations generated internally of railways tunnels
VDI 2056	Evaluation of mechanical vibrations of rotating machinery (withdrawn); replacement: ISO 10816
<a href="#">VDI 2057-1</a>	Human exposure to mechanical vibrations
<a href="#">VDI 2057-2</a>	Part 1: Whole-body vibration
<a href="#">VDI 2057-3</a>	Part 2: Hand-arm vibration
<a href="#">VDI 2057-4.1</a>	Part 3: Assessment (withdrawn)

VDI 2057-4.2	Part 4.1: Measurements and assessment for workshop places in buildings
VDI 2057-4.3	Part 4.2: Measurement and evaluation for workshop places on vehicles (withdrawn) Part 4.3: Measurements and assessment for ships and floating vessels (withdrawn); replacement: ISO 6954
<a href="#">VDI 2059-1</a>	Shaft vibrations of turbosets; principles for measurement and evaluation
<a href="#">VDI 2059-3</a>	Shaft vibrations of industrial turbosets; measurement and evaluation
<a href="#">VDI 2059-4</a>	Shaft vibrations of gas turbosets; measurement and evaluation
<a href="#">VDI 2059-5</a>	Shaft vibrations of gas turbosets; measurement and evaluation
	Shock and vibration isolation
<a href="#">VDI 2062</a>	Part 1: Conceptions and principles Part 2: Isolation elements, materials and component parts of isolation
VDI 2063	Measurement and evaluation of mechanical vibrations of reciprocating piston engines and piston compressors (withdrawn); replacement: VDI 3838
<a href="#">VDI 2064</a>	Active vibration isolation
<a href="#">VDI 2149</a>	Transmission dynamics; elastic mechanisms
<a href="#">VDI 3832</a>	Measurement of structure-borne sound of rolling element bearings in machines and plants for evaluation of state condition
<a href="#">VDI 3834</a>	Part 1: Measurement and evaluation of the mechanical vibrations of wind energy plants and their components - Wind energy plants with gears
<a href="#">VDI 3836</a>	Measurement and evaluation of mechanical vibration of screw-type compressors and Root blowers
<a href="#">VDI 3837</a>	Groundborne vibration arising from rail systems at grade - Spectral prediction method
<a href="#">VDI 3838</a>	Measurement and evaluation of mechanical vibration of reciprocating piston engines and piston compressors with power ratings above 100 kW - Addition to ISO 10816-6
	Instructions on measuring and interpreting the vibrations of machines
<a href="#">VDI 3839-1</a>	Part 1: General principals
<a href="#">VDI 3839-2</a>	Part 2: Vibration patterns for excitation arising from unbalance, incorrect assembly, bearing faults and damage to rotating components
<a href="#">VDI 3839-4</a>	Part 4: Typical vibration patterns with fans (draft)
<a href="#">VDI 3839-5</a>	Part 5: Typical vibration patterns with electrical machines
<a href="#">VDI 3839-8</a>	Part 8: Typical vibration patterns with reciprocating machines
<a href="#">VDI 3840</a>	Vibration analysis for machine sets
<a href="#">VDI 3841</a>	Vibration monitoring of rotating machinery - necessary measurement
<a href="#">VDI 3842</a>	Vibrations in piping systems