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| **ISO reference for standards related to ISO 18436-2** | **Category** | | | |
|  | I | II | III | IV |
| ISO 1925, Mechanical vibration — Balancing — Vocabulary |  | • | • | • |
| ISO 1940-1, Mechanical vibration — Balance quality requirements for rotors in a con- stant (rigid) state — Part 1: Specification and verification of balance tolerances |  | • | • | • |
| ISO 2017-1, Mechanical vibration and shock — Resilient mounting systems — Part 1: Technical information to be exchanged for the application of isolation systems |  |  |  | • |
| ISO 2041, Mechanical vibration, shock and condition monitoring — Vocabulary |  | • | • | • |
| ISO 2954, Mechanical vibration of rotating and reciprocating machinery — Require- ments for instruments for measuring vibration severity |  |  |  | • |
| ISO 5348, Mechanical vibration and shock — Mechanical mounting of accelerometers |  | • | • | • |
| ISO 7919-1, Mechanical vibration of non-reciprocating machines — Measurements on rotating shafts and evaluation criteria — Part 1: General guidelines | • | • | • | • |
| ISO 7919-2, Mechanical vibration — Evaluation of machine vibration by measure- ments 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 |  | • | • | • |
| ISO 7919-3, Mechanical vibration — Evaluation of machine vibration by measurements on rotating shafts — Part 3: Coupled industrial machines |  | • | • | • |
| ISO 7919-4, Mechanical vibration — Evaluation of machine vibration by measurements on rotating shafts — Part 4: Gas turbine sets with fluid-film bearings |  | • | • | • |
| ISO 7919-5, Mechanical vibration — Evaluation of machine vibration by measurements on rotating shafts — Part 5: Machine sets in hydraulic power generating and pumping plants |  | • | • | • |
| ISO 8528-9, Reciprocating internal combustion engine driven alternating current gener- ating sets — Part 9: Measurement and evaluation of mechanical vibrations |  | • | • | • |
| ISO 20816-1, Mechanical vibration — Evaluation of machine vibration by measurements on non-rotating parts — Part 1: General guidelines | • | • | • | • |
| ISO 20816-2, Mechanical vibration — Evaluation of machine vibration by measure- ments 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 |  | • | • | • |
| ISO 20816-3, Mechanical vibration — Evaluation of machine vibration by measure- ments 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 |  | • | • | • |
| ISO 20816-4, Mechanical vibration — Evaluation of machine vibration by measure- ments on non-rotating parts — Part 4: Gas turbine sets with fluid-film bearings |  | • | • | • |
| ISO 20816-5, Mechanical vibration — Evaluation of machine vibration by measure- ments on non-rotating parts — Part 5: Machine sets in hydraulic power generating and pumping plants |  | • | • | • |
| ISO 10816-6, Mechanical vibration — Evaluation of machine vibration by measure- ments on non-rotating parts — Part 6: Reciprocating machines with power ratings above 100 kW |  | • | • | • |
| ISO 10816-7, Mechanical vibration — Evaluation of machine vibration by measurements on non-rotating parts — Part 7: Rotodynamic pumps for industrial applications, includ- ing measurements on rotating shafts |  | • | • | • |
| ISO 20816-8, Mechanical vibration — Evaluation of machine vibration by measure- ments on non-rotating parts — Part 8: Reciprocating compressor systems |  | • |  |  |
| ISO 10817-1, Rotating shaft vibration measuring systems — Part 1: Relative and abso- lute sensing of radial vibration |  |  | • | • |
| ISO 11342, Mechanical vibration — Methods and criteria for the mechanical balancing of flexible rotors |  |  |  | • |
| ISO 13372, Condition monitoring and diagnostics of machines — Vocabulary | • | • | • | • |
| ISO 13373-1, Condition monitoring and diagnostics of machines — Vibration condition monitoring — Part 1: General procedures | • | • | • | • |
| ISO 13373-2, Condition monitoring and diagnostics of machines — Vibration condition monitoring — Part 2: Processing, analysis and presentation of vibration data |  | • | • | • |
| ISO 13374-1, Condition monitoring and diagnostics of machines — Data processing, communication and presentation — Part 1: General guidelines |  | • | • | • |
| ISO 13379-1, Condition monitoring and diagnostics of machines — Data interpretation and diagnostics techniques — Part 1: General guidelines |  |  | • | • |
| ISO 13381-1, Condition monitoring and diagnostics of machines — Prognostics — Part 1: General guidelines |  | • | • | • |
| ISO 14694, Industrial fans — Specifications for balance quality and vibration levels | • | • | • | • |
| ISO 14695, Industrial fans — Method of measurement of fan vibration |  |  | • | • |
| ISO 17359, Condition monitoring and diagnostics of machines — General guidelines | • | • | • | • |
| ISO 18431-1, Mechanical vibration and shock — Signal processing — Part 1: General introduction |  | • | • | • |
| ISO 18431-2, Mechanical vibration and shock — Signal processing — Part 2: Time domain windows for Fourier Transform analysis |  | • | • | • |
| ISO 18436-1, Condition monitoring and diagnostics of machines — Requirements for qualification and assessment of personnel — Part 1: Requirements for assessment bodies and the assessment process |  |  |  | • |
| ISO 18436-2, Condition monitoring and diagnostics of machines — Requirements for qualification and assessment of personnel —Part 2: Vibration condition monitoring and diagnostics |  |  |  | • |
| ISO 18436-3, Condition monitoring and diagnostics of machines — Requirements for qualification and assessment of personnel — Part 3: Requirements for training bodies and the training process |  |  |  | • |
| ISO 19499, Mechanical vibration — Balancing — Guidance on the use and application of balancing standards |  |  |  | • |
| ISO 21940-13, Mechanical vibration — Rotor balancing — Part 13: Criteria and safe- guards for the in-situ balancing of medium and large rotors |  |  |  | • |
| ISO 21940-14, Mechanical vibration — Rotor balancing — Part 14: Procedures for assessing balance errors |  |  | • | • |