n tavator	فهرست استانداردهای ISO در زمینه
Vibration Analysis www.tavator.com	آنالیز ارتعاشات
	استاندارهای عمومی
ISO 2041	Mechanical vibration, shock and condition monitoring - Vocabulary
ISO 2954	Mechanical vibration of rotating and reciprocating machinery Requirements for instruments for measuring vibration severity
ISO 5348	Mechanical vibration and shock Mechanical mounting of accelerometers
ISO 10817-1	Rotating shaft vibration measuring systems – Part 1: Relative and absolute sensing of radial vibration
	استاندارهای ایزولاسیون ارتعاشات
ISO 2017-1	Mechanical vibration and shock – Resilient mounting systems – Part 1 Technical information to be exchanged for the application of isolation systems
	استاندارهای اندازه گیری ارتعاشات بدنی (شتاب سنج و سرعت سنج)
ISO 10816-1	Mechanical vibration – Evaluation of machine vibration by measurements on non-rotating parts – Part 1: General guidelines
ISO 10816-2	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 1500r/min, 1800r/min, 3000 r/min and 3600 r/min
ISO 10816-3	Mechanical vibration – Evaluation of machine vibration by measurements on non-rotating parts – Part 3: Industrial machines with nominal power above 15kW and nominal speeds between 120 r/min and 15000 r/min when measured in situ
ISO 10816-4	Mechanical vibration – Evaluation of machine vibration by measurements on non-rotating parts – Part 4: Gas turbine sets with fluid-film bearings
ISO 10816-5	Mechanical vibration – Evaluation of machine vibration by measurements 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 measurements 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: Rotordynamic pumps for industrial applications, including measurements on rotating shafts
	استاندارهای اندازه گیری ارتعاشات تماسی (پروب پروکسی)
ISO 7919-1	Mechanical vibration of reciprocating machines – Measurement on rotating shafts and evaluation criteria – Part 1: General guidelines
ISO 7919-2	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 1500r/min, 1800r/min, 3000 r/min and 3600 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 turbines 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
	استاندارهای پایش وضعیت و عیب یابی
ISO 13372	Condition monitoring and diagnostics of machines – Vocabulary
ISO 17359	Condition monitoring and diagnostics of machines – General guidelines
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 13380	Condition monitoring and diagnostics of machines General guidelines on using performance parameters
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
	استاندارهای ماشین های خاص
ISO 14694	Industrial Fans – Specifications for balance quality and vibration levels
ISO 14695	Industrial Fans – Method of measurement of fan vibration
ISO 8528-9	Reciprocating internal combustion engine driven alternating current generating sets – Part 9: Measurement and evaluation of mechanical vibrations
	استاندارهای ارتعاشات مرتبط با ساختمان ها
ISO 8569	Mechanical vibration and shock – Measurement and evaluation of shock and vibration effects on sensitive equipment in buildings

	استاندارهای بالانس
ISO 1925	Mechanical vibration – Balancing -Vocabulary
ISO 1940	Mechanical vibration – Balance quality requirements of rigid rotors
ISO 1940-1	Mechanical vibration – Balance quality requirements of rigid rotors – Part 1 Specification and verification of balance tolerances
ISO 11342	Mechanical vibration – Methods and criteria for the mechanical balancing of flexible rotors
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 safeguards for the in-situ balancing of medium and large rotors
ISO 21940-14	Mechanical vibration – Rotor balancing – Part 14: Procedures for assessing balance errors
ISO 20806	Mechanical vibration Criteria and safeguards for the in-situ balancing of medium and large rotors
	استاندارهای آموزش آنالیز ارتعاشات
ISO 18436-1	Condition monitoring and diagnostics of machines - Requirement for qualification and assessment of personnel – Part 1: Requirements for assessment bodies and the assessment process
ISO 18436-3	Condition monitoring and diagnostics of machines - Requirement for qualification and assessment of personnel – Part 3: Requirements for training bodies and the training process
ISO 18436-2	Condition monitoring and diagnostics of machines - Requirements for training and certification of personnel - Part 2: Vibration condition monitoring and diagnostics