

**Программа работ ИСО в области вибрации, удара и контроля технического состояния
(ИСО/ТК 108)**

по состоянию на 17.10.2016 г.

ТК/ПК	Номер стандарта	Наименование
108/-	2041	Mechanical vibration, shock and condition monitoring – Vocabulary
	18437-6	Mechanical vibration and shock – Characterization of the dynamic mechanical properties of visco-elastic materials – Part 6: Time-temperature shifting
	7626-5	Vibration and shock – Experimental determination of mechanical mobility – Part 5: Measurements using impact excitation with an exciter which is not attached to the structure
	9688	Mechanical vibration and shock – Analytical methods of assessing shock resistance of mechanical systems – Information exchange between suppliers and users of analyses
	13607	Mechanical vibration and shock – Parameters to be specified for shock measurements
	18437-7	Mechanical vibration and shock – Characterization of the dynamic mechanical properties of visco-elastic materials – Part 7: Limits of linear visco-elasticity
	18437-8	Mechanical vibration and shock – Characterization of the dynamic mechanical properties of visco-elastic materials – Part 8: Behaviour at extreme conditions
108/2	10816-8	Mechanical vibration – Evaluation of machine vibration by measurements on non-rotating parts – Part 8: Reciprocating compressor systems – Amendment 1
	13373-4	Condition monitoring and diagnostics of machines – Vibration condition monitoring – Part 4: Diagnostic techniques for steam turbines
	13373-5	Condition monitoring and diagnostics of machines – Vibration condition monitoring – Part 5: Diagnostic techniques for fans and blowers
	13373-7	Condition monitoring and diagnostics of machines – Vibration condition monitoring – Part 7: Diagnostic techniques for machine sets in hydraulic power generation and pump storage plants
	13373-9	Condition monitoring and diagnostics of machines – Vibration condition monitoring – Part 9: Diagnostic techniques for electric motors
	14837-31	Mechanical vibration – Groundborne noise and vibration arising from rail systems – Part 31: Measurement for the evaluation of complaints at residential buildings
	14839-1	Mechanical vibration – Vibration of rotating machinery equipped with active magnetic bearings – Part 1: Vocabulary
	20283-5	Mechanical vibration – Measurement of vibration on ships – Part 5: Measurement, evaluation and reporting of vibration with regard to habitability on passenger and merchant ships
	20816-2	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
	20816-5	Mechanical vibration – Measurement and evaluation of machine vibration – Part 5: Machine sets in hydraulic power generating and pump-storage plants
	21940-2	Mechanical vibration – Rotor balancing – Part 2: Vocabulary
	14839-5	Mechanical vibration – Vibration of rotating machinery equipped with active magnetic bearings – Part 5: Vendor/customer data exchange for design and commissioning acceptance and operating management of AMB

ТК/ПК	Номер стандарта	Наименование
	14839-6	Mechanical vibration – Vibration of rotating machinery equipped with active magnetic bearings – Part 6: Vendor/customer data exchange for design and commissioning acceptance and operating management of AMB
108/3	8041-1	Human response to vibration – Measuring instrumentation – Part 1: General purpose vibration meters
	16063-33	Methods for the calibration of vibration and shock transducers – Part 33: Testing of magnetic field sensitivity
	16063-34	Methods for the calibration of vibration and shock pick-ups – Part 34: Testing of fixed temperature sensitivity
	16063-44	Methods for the calibration of vibration and shock transducers – Part 44: Calibration of field vibration calibrators
	16063-45	Methods for the calibration of vibration and shock transducers – Part 45: Calibration of vibration transducers with built-in calibration coils
	8041-2	Human response to vibration -- Measuring instrumentation -- Part 2: Personal vibration exposure meters
	19665	Calibration of conditioning amplifiers for dynamic application
	19666	Dynamic pressure calibration
	21297	Inertial Measurement Unit calibration
108/4	2631-5	Mechanical vibration and shock – Evaluation of human exposure to whole-body vibration – Part 5: Method for evaluation of vibration containing multiple shocks
	18570	Mechanical vibration – Frequency weighting characteristics for hand-transmitted vibration
	19470	Laboratory evaluation of marine seat shock isolation
	2631-1	Mechanical vibration and shock – Evaluation of human exposure to whole-body vibration – Part 1: General requirements
	5805	Mechanical vibration and shock – Human exposure – Vocabulary
	10326-2	Mechanical vibration – Laboratory method for evaluating vehicle seat vibration – Part 2: Application to railway vehicles
	10326-3	Mechanical vibration – Laboratory method for evaluating vehicle seat vibration – Part 3: Specification of dynamic dummies for z-axis motion
	16082	Mechanical vibration – Evaluation of the vibration perception thresholds of healthy persons obtained with apparatus complying with ISO 13091-1
	16083	Mechanical vibration and shock – Assessment and measurement procedures of the effects of posture during exposure to whole-body vibration and mechanical shock
	20316	Assessment of comfort for seated persons in railways
108/5	14830-1	Condition monitoring and diagnostics of machines – Tribology-based monitoring and diagnostics – Part 1: General guidelines
	16079-1	Condition monitoring and diagnostics of wind turbines – Part 1: General guidelines
	17359	Condition monitoring and diagnostics of machines -- General guidelines
	18095	Condition monitoring and diagnostics of power transformers
	18434-1	Condition monitoring and diagnostics of machines – Thermography – Part 1: General

ТК/ПК	Номер стандарта	Наименование
		procedures – Amendment 1
	18434-2	Condition monitoring and diagnostics of machines – Thermography – Part 2: Image interpretation and diagnostics
	19283	Condition monitoring and diagnostics of hydro-electric generating units
	29821	Condition monitoring and diagnostics of machines – Ultrasound
	13381-2	Condition monitoring and diagnostics of machines – Prognostics – Part 2: Performance based approaches
	13381-3	Condition monitoring and diagnostics of machines – Prognostics – Part 3: Cyclic-driven life usage techniques
	13381-4	Condition monitoring and diagnostics of machines – Prognostics – Part 4: Useful-life-remaining prediction models
	16079-2	Condition monitoring and diagnostics of wind turbines – Part 2: Monitoring the drive train
	18434-3	Condition monitoring and diagnostics of machines – Thermography – Part 3: Power transformers
	18436-1	Condition monitoring and diagnostics of machines – Requirements for qualification and assessment of personnel – Part 1: Sector-specific requirements for certification bodies
108/6	18478	Angular vibration generators
	10813-2	Vibration-generating machines -- Guidance for selection -- Part 2: Equipment for modal testing
	10813-3	Vibration -generating machines -- Guidance for selection -- Part 3: Equipment to be used in a shock mode
	10813-4	Vibration-generating machines -- Guidance for selection -- Part 4: Equipment for multi-axial environmental testing
	22730	Vibration-generating machines – Control systems – Characteristics to be specified and methods of their verification

Примечание – Синим цветом выделены темы, находящиеся на предварительной стадии работ.