

Mechanical vibration, shock and condition monitoring - TAG TC 108

- Scope Standardization in the fields of mechanical vibration and shock and the effects of vibration and shock on humans, machines, vehicles (air, sea, land and rail) and stationary structures, and of the condition monitoring of machines and structures, using multidisciplinary approaches.
- Specific areas of current interest include the standardization of:
- terminology and nomenclature in the fields of mechanical vibration, mechanical shock and condition monitoring;
 - measurement, analysis and evaluation of vibration and shock e.g. signal processing methods, structural dynamics analysis methods, transducer and vibration generator calibration methods, etc.;
 - active and passive control methods for vibration and shock, e.g. balancing of machines, isolation and damping;
 - evaluation of the effects of vibration and shock on humans, machines, vehicles (air, sea, land and rail) stationary structures and sensitive equipment;
 - vibration and shock measuring instrumentation, e.g. transducers, vibration generators, signal conditioners, signal analysis instrumentation and signal acquisition systems;
 - measurement methods, instrumentation, data acquisition, processing, presentation; analysis, diagnosis and prognostics, using all measurement variables required for the condition monitoring of machines;
 - training and certification of personnel in relevant areas.

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GIO - General Interest Organization	5
GOV - Government Organization	5
PROD - Producer Organization	5
TRADE - Trade Association Organization	3
USER - User Organization	7
TOTAL ORGANIZATIONAL MEMBERS ON TAG TC 108	25

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