

Special Investigations

A reliable condition rating of technical systems requires a solid database. The acquisition of determined measurement categories is a important source for information.

Knowledge based on longtime experiences in a variety of industrial sectors and a wide range of solved tasks ensures high efficiency.

Ingenieure Prof. Sturm + Partner GmbH offers machine-specific single-services for machine monitoring which are integratable in the customers monitoring philosophy. The targeted analysis of all collected information will be the fundament of successful condition-orientated operation [or plant] management and maintenance.

- mode analysis of operaring vibrations with multichannel vibration measurement
- structure-dynamic examination at machines and constructions
- building vibration analysis according to DIN 4150
- torque- and torsion vibration analysis with strain measurement
- longtime monitoring with telemetry
- identification of temperature profiles with multichannel temperature measurement
- armature diagnostics (real power, torque)
- acoustic emission at pressure tanks

