



Rotating and Consultancy Services

One stop shop for vibration equipment and measurement services

Istec Rotating and Consultancy offers many years of worldwide experience in machine condition monitoring, preventive maintenance planning and machine diagnostics. We provide services to rotating equipment manufacturers, to engineering and construction companies and directly to the end users in the process- and power industry.

Features

- Vibration specialist
 - ISO 18436-2 level 3 trained vibration experts
 - Specialized in gas and steam turbines
 - ISO 9719-1/2/3/4/5 vibration measurement and analysis
 - ISO 10816-1/2/3/4/5/6/7 vibration measurement and analysis
- Instrument Specialist
 - Product independent, easily adapt procedures to customer based installations
 - In-house designed and produced test equipment
 - Experience with all major brand vibration systems
 - Experience with all major brand overspeed systems (2003)

Independent

Brand independency ensures our customers of the benefits of an independent and objective advice. Istec strongly believes in Full Path Approach and takes responsibility for the implementation of advised concepts. Being an independent service supplier allows Istec to offer a full package of services from design through to acceptance tests, including product supply if required.

Vibration Monitoring

Based on vibration and process data analysis to provide short/long term information on heavy duty and standard equipment measurements (sleeve and ball bearing applications)

- Measurements
- Multi-channel run-up, coast-down analysis
- Baseline measurements
- Steady-state measurements
- Load dependent analysis
- Static and other relevant data capture
- Executing condition monitoring programs
- Implementing condition monitoring programs

Overhaul

Protection system supervision/verification

- Vibration loops
- Temperature loops
- Dynamic pressure
- Speed signals
- Tacho signals
- Related signals (e.g. valve position)

Engineering

Product independent services for both machine protection systems and condition monitoring systems, on- and offline

- Tender specification
- Product benchmark (customer application specific)
- Functional design specification
- Detailed design specification
- Factory acceptance test specification/supervision
- Site acceptance test specification/supervision
- Project planning
- Project monitoring

Istec Rotating and Consultancy Services

The Istec Rotating and Consultancy group has extensive experience in vibration instrumentation as used in the power- and process industry. Both simple casing vibration installations as more complex shaft vibration installations, fully understanding the production process.

Vibration measurements and vibration instrument services find their bases in highly skilled engineers with many years of experience in the field. The continuous training program maintains and improves the knowledge and skills of the engineers continuously.

Istec both uses its own multi-channel measurement equipment (Meggit), but is also experienced with systems like OROS and Adre.



Equipment service activities/brands include:

Vibro-Meter (Meggit)
Bently Nevada
Brüel & Kjaer
JAQUET
Entek / IRD
Metrix
SKF
and others

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