



Condition Monitoring Services

Specialists in vibration analysis and condition monitoring services

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

Because of the high knowledge level Istec can cover all types of machines, from steam- and gas turbines to generators and gearboxes. Istec can provide service in trouble shooting on existing problems or in setting up and executing a condition monitoring program with frequently performed measurements. We offer offline and online condition monitoring combined with process data of your machines.

Features

- Vibration specialist
 - ISO 18436-2 level 3 and 4 trained vibration experts
 - Specialized in gas and steam turbines
 - ISO 7919-1/2/3/4/5 vibration measurement and analysis
 - ISO 10816-1/2/3/4/5/6/7 vibration measurement and analysis

Certified personnel (ISO)

The vibration consultants at ISTEC are ISO 18346-2 level 3 and 4 certified. The main consultants are also in the possession of a Bachelor or Master degree in process-, electronic- or mechanical engineering. Providing a broad knowledge of technical engineering to ensure the challenges in the field can be met. Istec has the largest number of ISO 18346-2 certified vibration specialists as an independent service provider. The certification is a way to be sure that the knowledge is verified for vibration measurements in the field.

Activities

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

Emergency Diagnostics / First Aid

Services related to machine down situations

- Brand independent emergency services
- Condition monitoring trouble shooting services
- Vibration monitoring equipment trouble shooting services

Condition Monitoring

- Preventing unplanned machine stops
- Avoiding unnecessary overhauls
- Be able to plan maintenance
- Protection against expensive consequential damage
- Shorter downtime
- Maximum use of machine lifetime

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. Istec provides services for both simple casing vibration and 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 other systems.



Vibration service activities/brands include:

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

Istec International B.V.
Meer en Duin 8
2163 HA Lisse
The Netherlands
Tel: +31 (0)252 433 400
Email: mail@istec.nl
Web: www.istec.nl

