Improve reliabilty and increase uptime with IPS Vibration Analysis

Vibration analysis is a vital condition monitoring service for motors and rotating equipment, detecting early problems with equipment. Left uncorrected, vibration increases stress on your assets, wastes energy and accelerates wear, resulting in failures, emergency repairs and costly downtime.

Vibration analysis can detect:

- Misalignment or bent shafts
- Lubrication issues
- Belt issues
- Worn or broken gears
- Rotor bar issues
- Faulty ball or sleeve bearings
- Electrical issues

IPS vibration analysis combines state-of-the-art technology with our coast-to-coast network of motor and vibration specialists.

We've developed proprietary test methods, along with an extensive database of test results allowing us to identify and diagnose problems in a wide range of OEM equipment. Following analysis, we offer documented recommendations for maintenance and repair, as well as design and implement improvements for vibration correction.

IPS Vibration Analysis::

- Offers early detection of problems—including exact defects and severity for scheduling repairs
- Available for immediate diagnostics and remote continuous monitoring, using permanently mounted sensors
- Includes specific recommendations for maintenance and repair, plus design improvements for machines and supporting structures
- Specialized diagnostics software plus network expertise of IPS motor and vibration analysis specialists

For more information about our predictive maintenance Services, scan the code:

IPS vibration analysis documented benefits for plant maintenance and engineering:

We do much more than assess conditions and provide pinpoint diagnostics. IPS vibration analysis has documented benefits for plant maintenance and engineering:

- Acceptance testing on new or overhauled machines
- Spectral Band and Narrowband Envelope Alarm setups for a wide range of OEM equipment and operating speeds
- Measurement of ISO balance quality/residual unbalance
- Vibration isolation and damping system design and specifications
- Finite element computer modeling of machines, piping systems, rotors, supporting structures and foundations
- Root cause failure analysis following component failure

For a complete listing of service center locations, scan the code:

Respond.
Rethink.
Resolve.

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