

JOB TITLE: Vibration Analyst II	REPORTS TO: Director, Diagnostic Center	LOCATION: Remote, West Coast
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PRIMARY JOB PURPOSE:

The primary purpose of the Vibration Analyst II is to perform machinery condition assessments by applying one or more predictive maintenance technologies with the goal of achieving higher equipment reliability for our customers. The predictive maintenance technologies include: narrowband vibration analysis, infrared thermal imaging, and ferrography (oil analysis). Additionally, become an in-house technical administrator/analyst covering a diverse group of customers in a variety of industry verticals (Oil & Gas, Mining, Metals, Pulp/Paper, Power Generation, etc.) while working with senior engineers, analysts and technicians.

ESSENTIAL JOB FUNCTIONS:

- Vibration analysis of machine test data, occasionally one or more of the PdM Technologies listed above.
- Administer machinery test databases and refine the settings and diagnostic criteria based on test results and analysis.
- Core working hours (8am-5pm) West Coast hours.
- Interface with customer personnel to ensure high customer satisfaction.

OTHER JOB FUNCTIONS:

- Perform or assist in the performance of online vibration monitoring system specification, installation, commissioning, and subsequent system monitoring and maintenance.
- Travel onsite to perform field engineering services, such as machinery surveys, data collection, and installations (estimated one week per month)
- Perform miscellaneous in-house and field engineering services.

SKILL REQUIREMENTS:

- Strong understanding of large and small rotating machinery: motors, generators, conveyors, pumps, compressors, etc. across diverse industries: Oil & Gas, Mining, Metals, Pulp/Paper, Power Generation, etc.
- Strong computer skills on Microsoft platforms, and Microsoft software suites
- Excellent communication and interpersonal skills.
- Must be customer-focused and possess a flexible, positive attitude.

EXPERIENCE/EDUCATIONAL:

- Associates technical degree, or 4-10 years of machinery job-related experience, or equivalent combination of education and/or experience (US Navy experience a plus).
- Experience using PdM diagnostic tools (Azima, Azima DLI, and CSI Hardware and Software experience highly desired).
- Vibration Certification (level II or greater) through the Vibration Institute or major vendor certification program. Or equivalent combination of education and/or experience, and the willingness to complete the Vibration Specialist Certification.
- Must be US citizen and possess a valid driver's license.