



## Employment Posting: Sr. Field Vibration and Troubleshooting Analyst

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Beta Machinery Analysis (BETA) is expanding its field services and is looking to add staff in its Houston, Calgary and Kuala Lumpur offices.

<b>Job Title</b>	Field Vibration Analyst and Machinery Troubleshooting
<b>City, Country</b>	Positions available in these offices: Calgary, Canada; Houston, USA; Kuala Lumpur, Malaysia
<b>Minimum Requirements</b>	<ul style="list-style-type: none"><li>• Mechanical Engineer or Technologist with at least 5 years of job-related experience (see below).</li><li>• Good knowledge of vibration fundamentals and ability to investigate and troubleshoot vibration problems, with an understanding of performance and maintenance issues is preferred.</li><li>• Excellent communication and analytical skills; working knowledge of computer systems and integrated software application programs.</li><li>• Must be Vibration Analyst Level II (or Level III).</li><li>• Position requires 50-65% travel. Travel is mainly local although some international travel is required (especially in our Kuala Lumpur office)</li><li>• Experience with CSI 2130 hand held data collector and AMS Machinery Management System.</li><li>• Experience with Bently Nevada data acquisition systems and Data Physics Dynamic Signal Analyzers and their software will be an added advantage.</li></ul>
<b>Job Description</b>	<p>BETA is a global leader in providing consulting services for rotating machinery. The Company has offices in Calgary, Houston and Kuala Lumpur, and is active throughout China, SE Asia, South America, Europe and the Middle East. Our focus is on reciprocating and centrifugal compressors, pumps, engines, turbines, and other critical production equipment.</p> <p>People are attracted to BETA because of our challenging projects, team-based culture, and career development opportunities.</p> <p>BETA provides vibration monitoring, performance assessments and troubleshooting services for rotating and reciprocating machinery. This service includes regular monitoring programs and job specific assignments. Our staff works closely with equipment operators, maintenance staff and rotating engineers to monitor and solve machinery issues.</p> <p>Key accountabilities:</p> <ul style="list-style-type: none"><li>• Perform vibration analysis of rotating machinery by acquiring vibration data using different data acquisition hardware including CSI 2130 and Bently Nevada data acquisition system.</li><li>• Evaluate machinery condition by understanding vibration data and machine performance, operational and maintenance data and customer communication.</li></ul>

- Troubleshoot on compressors, pumps, turbines, gearboxes and other equipment. An interest to learn more advanced troubleshooting techniques and solutions.
- Balance of rotating equipment as needed
- Interact with operations, maintenance, and inspection personnel to resolve machinery issues.
- Support mechanical integrity activities for rotating equipment and compliance targets.
- Conduct routine equipment health audits on assigned rotating equipment and drive resolution on identified deficiencies.
- Jointly responsible with the Rotating Equipment Engineer for the development of reliability improvement strategies for assigned rotating equipment.
- Prepare timely and accurate technical reports to professional standards.
- Implement and adhere to Beta Machinery Analysis EH&S policy at all work sites.
- Strong verbal communication skills, with the ability to speak directly to the issue and to adapt to work environment and customers' communication style.
- Ability to establish strong working relationships with customers. Strong customer focus and the desire to go the extra mile.

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Please send your resume to Gufran Noor, <mailto:gnoor@betamachinery.com>