



Systems Engineer – Condition Monitoring

Our mission is to apply our state-of-the-art Sentry CMS (Condition Monitoring Systems) technology to enhance customer reliability and quality using primarily real time continuous vibration signatures in both the time & frequency domain and integrating this data with customer operating parameters.

We are looking for a team player, someone who enjoys an industrial environment, learning new technologies, and can provide solutions to customer reliability issues. The assigned duties are varied and include both field and shop assignments. This person must be able to work independently, in a safe manner. We will train the right candidate in areas unfamiliar to them.

1. Required Education; Associate or Bachelor of Science Degree in Electrical or Electronics Engineering or equivalent Military/ Industrial education will be considered.
2. Experience: 5 – 20 years experience in industries such as steel, mining, chemicals, etc.
With the following skills:
 - * Ability to read blueprints & specifications, having basic auto-cad skills are a plus
 - * Fundamental understanding of industrial analog & digital instrumentation i.e. Flow, Temperature, Pressure, Strain, RPM
 - * Understanding of condition based monitoring technologies especially vibration signatures and time & frequency domain, ODS & modal analysis, is a plus. Part of the responsibilities of this position will be the periodic collection of vibration data at the customer plants.
 - * Ability to assemble our Sentry monitoring systems based on our specifications, This includes: data acquisition board installation and loading drivers, building cable assemblies, wiring, panel layout, cutouts, terminations, populating basic circuit boards for signal conditioning including soldering.
 - * System troubleshooting using standard testing meters including signal generator, VOM & Oscilloscope.
 - * Software Knowledge of C code and Borland Compiler is a plus.
 - * Understand basic networking of PC's via Ethernet connection OPC and wireless experience is a plus.
3. A US Citizen or legal resident that possess a current passport or the ability to obtain one. In addition must have valid drivers license with no DUI or DWI convictions
4. Ability to work in an industrial environment safely lifting objects up to 50 lbs and use basic hand tools.
5. Travel requirements are approximately 30 to 40% that may not always require an overnight stay. International travel primarily limited to Canada, which could change in the future. Most business trips are of 2 to 3 days duration.
6. Must be a flexible team player with excellent verbal & written communication skills and the ability to interact with customers and pass drug and alcohol testing.
7. PC Fluent including MS software: Word, Excel, Paint, with the ability to compile reports
8. Office location: H&S Repair Center Euclid Ohio, w/ limited flexible scheduling.

Send cover letter and detailed resume to: hr-info@horsburgh-scott.com