

Control Analytics, Inc. Job Description

Title: Field Service Technician

Type of Position: Hourly

Supervisor: Service Manager

Date: January 2018

Summary of Position;

Control Analytics, Inc. is a Manufacturer's Representative and Continuous Emission Monitoring Systems (CEMS) and Process Analytical system integrator for the electrical utility, refinery, natural gas, chemical, manufacturing and steel industries.

A Field Service Technician will be responsible for traveling to client sites to start-up, test, maintain, service, and troubleshoot process analytic systems with a focus on CEMS and analyzer systems.

Position Responsibilities:

- Travel to work sites throughout the United States on short notice.
- Ability to work on a wide variety of analytical instruments and systems.
- Conduct Preventive Maintenance programs for Continuous Monitoring Systems and analytical equipment. Including:
 - Replacement and adjustment of parts, analyzers and sample systems.
 - Conduct calibrations, testing and audits, etc. as required.
- Produce Reports for equipment maintenance, testing and auditing which will be submitted to the customer and to responsible regulatory agency.
- Identify, repair and solve analyzer and system problems both before and after they have led to equipment error or failure.
- Identification, solution development, problem-solving and consulting in relation to customer process analytical instrumentation.
- Process analytical systems, instruments and associated equipment startup.
- Verifying, troubleshooting and resolving instrument and equipment communications issues.
- Inspecting instrument wiring, power circuits and grounding.
- Measurement instrument device test and startup.
- Providing management of onsite control project installation and startup activities including construction supervision and supplier coordination.
- Provide preventative maintenance training to client staff as applicable.
- Providing process analytical instrumentation and equipment phone support.
- Effective and prompt response to customer request or inquiries.
- Providing clear and effective documentation of services provided to customers.
- Meeting project team commitments and deadlines.
- Working independently and as part of customer project team.
- Participate in ongoing training and development.

Education and Experience Required:

- The ideal candidate will have three (3) plus years of experience, traveling to client sites to work with all aspects of a CEM system and will have experience with the operation of various analyzer platforms from common manufacturers such as: Teledyne, Thermo, ABB, Siemens, Servomex, Rosemount, California Analytical, etc.
- Experience with pneumatics and/or sample systems and an understanding of controls (PLCs, HMI, and Automation). Knowledge of project design drawings, instrument manuals and P&ID's.
- Have at least three plus years of experience maintaining, troubleshooting, testing, and servicing industrial electrical instrumentation and controls, as well as basic mechanical skills.
- An Associate Degree in Instrumentation, Electronics, or related technical degree is also required, unless possessing direct CEMS experience.
- Strong personal computer skills including use of Excel spreadsheet software. Knowledge in data acquisition (DAS) and PLC programming.
- Must have excellent interpersonal skills and ability to work with all levels of employees, customers, clients, etc.
- Ability to handle multiple assignments at once and quickly move back and forth between assignments.
- Travel approximately 70% of the time split between day and overnight travel.
- Must be physically able to work and lift with no restrictions including standing for prolonged periods and climbing ladders. Must be capable of performing occasional lifting of up to 75 pounds.

Disclaimer: This position is not to be construed as all inclusive and may require additional duties and responsibilities based on business needs that are not specifically outlined in this description.