



Control Systems Engineer

Job description

Position Summary

HPI Energy Services is looking for an experienced Control Systems Engineer for industrial automation projects primarily based on PLC and HMI design and programming. The engineer will be responsible for engineering throughout the lifecycle of a project, as both an individual on projects and as part of a team. This includes the following-

- Evaluation of existing systems
- Control system design and programming
 - Control panel design
 - Development of Bill of Material (BOM)
 - PLC programming
 - HMI programming
 - Communication network design
 - System documentation and manuals
- Customer witnessed Factory Acceptance Tests (FAT)
- Onsite Installation Supervision (when required)
- Onsite Commissioning
 - Hot-Loop testing of new system
 - System Start-Up
- Customer Training
- Life-Cycle support to customer

This is an excellent opportunity for a control engineer to develop in a more lead role and gain responsibility working on solo projects and as a team leader. This position also offers the chance to travel around the U.S. as well as internationally when required.

Required Qualifications

- Bachelor's degree in related Engineering discipline (control systems, electrical etc.)
- Minimum of 5 years related experience in applying and programming industrial PLC's and HMI's.
- Minimum of 5 years related experience of controls system applications throughout the project lifecycle from initial design concepts through commissioning and subsequent client support.
- Minimum of 5 years related experience in the at least one of the following industries- Power Generation, Oil & Gas, Water/Wastewater Treatment
- Experience with Rockwell Automation and Allen Bradley based PLC/HMI hardware and software

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- Legal authorization to work in the US is required. We will not sponsor individuals for employment visas, now or in the future, for this job opening.

Preferred Qualifications

- Experience in the power generation industry, specifically Gas Turbine Controls
- Experience with Generator Control and Generator Protection Systems
- Experience with control panel design and testing
- Experience with condition monitoring systems- Vibration Monitoring, Speed Sensors etc.
- Excellent communication skills when dealing with customers.
- Must be available and willing to work overtime on occasion to meet customer project commitments.
- Occasional (typically 40% or less), travel required and work at customer sites, including industrial plants, offshore-platforms, ships, etc., which may require climbing, working in confined spaces and other unusual work environments.

EEO Statement

HPI Energy Services, LLC is an Equal Opportunity employer. All applicants will be considered for employment without attention to race, color, religion, sex, sexual orientation, gender identity, national origin, and veteran or disability status.