

Controls Technician

DEPARTMENT: Controls

PURPOSE: Responsible for design, installation, startup and maintenance of systems used to monitor and control HVAC equipment, mechanical processes, electrical systems and machinery. Ensures the designs are implemented to meet stringent quality and safety standards. Build and maintain customer relationships with existing and prospective accounts.

Essential Duties and Responsibilities:

- Serve as controls project manager, designer, installer as required to complete control projects on time and within budget to support growth of the controls department and Rohde as a whole.
- Participate and oversee design of new and retrofit control systems.
- Create bill of materials and purchase control devices, materials and equipment.
- Oversee and/or perform fabrication and installation of control panels.
- Oversee and assist with installation of conduit, wiring, control devices, and controllers for control systems.
- Programming of DDC and PLC control systems.
- Startup and checkout of control systems to ensure functionality
- Assist with maintaining existing systems.
- Meet with customers to develop controls project scope and budget.
- Work with HVAC/mechanical engineers, controls engineers, controls technicians, project managers, and other internal staff to ensure compliance with project requirements.
- Manage and control the cost of materials and labor of each project.
- Liaison with clients, suppliers, contractors and relevant authorities.
- Act as quality control and assure that project objectives are met.
- Mentors fellow employees to enhance their skill sets.
- Troubleshoot and problem-solve.
- Understand and ensure compliance with the health and safety regulations and quality standards.
- Provide advice and consultancy support.
- Assist with developing new business proposals.
- Assist with developing SOP's for estimating, project turnover, project management and project closeout.
- Mentors fellow employees to enhance skill sets.
- Serve as backup field technician for the service department.
- Other duties as requested, directed or assigned by supervisor

Qualification/Skills:

- Knowledge of supervisory principles, practices, and techniques.
- Design and drawing development for DDC and PLC control systems.
- Proficient with computers, including Microsoft Office, AutoCAD and AutoCAD Electrical.
- Excellent analytical, problem solving and trouble shooting skills.
- Skill in estimating time and material requirements.
- Excellent communication skills, including listening, reasoning, verbal and written.
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Education and Experience:

- 3 to 5 years' experience in controls design and/or installation.

Physical/Environmental/Work Requirements:

- Must be able to: Travel to customer locations. Stand or walk for long periods of time during the regular work day; use arms and hands to reach for, handle and manipulate objects; lift and carry materials weighing 50 to 100 pounds; climb up and down ladders, work at high heights, scaffolds and other climbing devices; carry tools and equipment; work while in stooped, kneeling, crouched, and crawling positions; be able to see naturally or with correction, to safely perform designated tasks.
- Must be able to: Perform assigned tasks under all types of environmental and weather conditions including severe cold, extreme heat, wet or dry weather and high winds. Environmental conditions may include areas where toxic or caustics chemicals or fumes are in use or being stored.
- Works in an office environment using computer and develops diagrams.