

**Standard Controls, Inc.** is a premier control systems integrator. We are centrally located in Dallas, Texas and have been providing these services for the last 20 years. Standard Controls, Inc. is made up of many business groups; Process Controls, Motor Controls (Motor Starters.com), Mission Critical Power systems, Standard Fab (custom metal fabrication) and On Track Solar (renewable energy).

Standard Controls Engineers are some of the most talented and engaged Engineers in the industry. We offer a mind stimulating, challenging career through a variety of projects across various industries. Our Engineers have a strong sense of accomplishment and choose to call Standard Controls home.

### **Position: Control Systems Engineer**

#### **Control Systems Engineer Summary:**

This position requires a passionate individual who demonstrates initiative, takes ownership for project work, and exhibits a high level of personal leadership, conviction and spirit of innovation. Additionally, the controls engineer should have creative problem solving skills and patience to evaluate and troubleshoot process control systems. The ideal candidate would have experience in electrical design and programming systems.

#### **Job Description Overview**

Controls Engineers are responsible for designing, developing and implementing automation solutions that result in customer satisfaction. Work includes the design and development of electrical control systems per the customer's project specifications, and ultimately submitting a certified drawing package and bill of materials to manufacturing for a final build. This position requires working in a manufacturing team environment where interaction between groups is process driven to achieve on time performance and customer satisfaction. Additionally, this position is responsible to assist in the start-up of the equipment.

#### **Essential duties and responsibilities include**

- Design and Integration of control system components.
- Electrical Power Systems and I/O Schematics.
- Programmable controller and human machine interface programming.
- Apply accepted industry codes/standards.
- Create and execute test plans for integration testing, FAT testing, validation testing, etc.
- Conduct factory witness testing.
- Attend on-site start-ups, commissioning, and training if required.
- Travel up to 10% to customer sites as required. Majority of travel is domestic with occasional international opportunities.
- Control panel design and layout.
- Instrumentation selection and specification.
- Manage industrial client and supplier relationships.
- Assist quoting and estimating project materials, labor and scope changes.
- Assist in Negotiating client contracts and secure purchase orders on projects.
- Specify and assist in the procurement of panel components.

- Other engineering, project and technical tasks as required.

### **Required Education and Experience**

- BS or MS in Electrical Engineering
- 3 to 5 years of experience in design and/or manufacturing environment.
- Experience in
  - Project Management
  - Programming (Allen Bradley, Siemens S7, Schneider Modicon, GE, Rockwell ControlLogix PLC)
  - Networking (EtherNet/IP, ControlNet and DeviceNet (Profibus a plus))
  - HMI (Wonderware, Intellution, PanelView and Modicon Magelis)
  - AutoCAD
  - Designing control systems and strategies
  - Estimating
  - Process controls
- Knowledge, application and integration experience in one or more of the following industries: Industrial, Manufacturing, Food/Beverage or Material Handling.

### **Required Skills and Qualifications**

- Strong interpersonal, listening, questioning and communication skills (written and oral).
- Strong work ethic, ability to learn hands-on, attention to detail.
- Ability to multi-task and work cross-functionally, as well as self-directed and forward thinking.
- Ability to perform various roles and responsibilities from day to day. Including, but not limited to programming, project management, design, client interaction, etc.
- Hands-on electrical and mechanical skills.
- Process and electrical troubleshooting skills.
- Ability to properly balance cost, schedule and quality of the delivered project.
- Ability to work on several projects simultaneously with varying scope and effectively prioritize workload to ensure deliverables are met.
- Capable of making complex decisions that drive business performance.

### **Desired Skills and Qualifications:**

- Motion control experience preferred
- Mechanical design experience a plus.

### **Benefits**

Standard Controls Inc. offers a competitive compensation and benefits package; including above average salary, medical & dental insurance, company paid holidays and training, 401K, and life insurance.