

## **Process Controls Engineer**

Responsible for developing specifications as well as design, review, development and commissioning, of electrical, instrumentation and control systems for industrial equipment.

### **Essential Duties & Responsibilities:**

- Design, review and assist in creation of:
  - Specifications for electrical components such as: process instrumentation, motors, lighting, control systems, electric heat tracing, etc.
  - Process functional control descriptions.
  - PLC/HMI/DCS programming.
  - Electrical documents such as: loop diagrams, wiring diagrams, control panel drawings, electrical installation details, etc.
  - Piping and Instrumentation Diagrams (P&IDs).
- Control system and electrical inspection, testing (FAT), commissioning and start-up. Including: module assembly shops, control panels, instrumentation, other electrical components and control system programming.
- Review customer specifications to develop scope of supply and implementation. Prepare bid specifications and review vendor documentation for adherence to project specifications.
- NFPA/NEC/CSA/ATEX electrical design for hazardous area applications.
- Collaborate with other engineering and drafting disciplines to design electrical and control systems.
- Specification, review and selection of all types of valves and instrumentation for the control and monitoring of process equipment.

### **Requirements and Qualifications:**

- Engineering or technical bachelor's degree. Chemical Engineering preferred.
- Minimum relevant work experience: 2 years with engineering degree or 5 years with other technical degree. Multi-disciplinary engineering or technical background a plus.
- Experience with AutoCAD, DCS/PLC programming a plus. Additional training to be provided as needed.
- Energetic individual with highly proficient computer skills.
- Excellent communication skills and the ability to work independently as well as part of a team. Must possess creative problem-solving skills, strong critical thinking skills and a high attention to detail.

**Koch Modular offers a comprehensive benefit package that includes:**

- Health Insurance Plan
- Flexible Spending Accounts
- Healthcare Reimbursement Arrangement
- Short and Long-term Disability Plans
- 401(k) Profit Sharing Plan
- Bonus Program
- Work From Home Policy
- Employee Referral Bonus Program
- Voluntary Benefit Plans
- Paid Holidays / Time Off
- Group Life / Accidental Death Insurance
- Tuition Assistance Program
- Business Casual Attire

**We are an Equal Opportunity Employer and a strong advocate of workforce diversity.  
Minority/Female/Sexual Orientation/Gender Identity/Disability/Veteran**