

Electrical & Controls Engineer

Duties & Responsibilities:

- Design, review and assist in creation of:
 - Electrical documents such as: loop diagrams, wiring diagrams, panel drawings, installation details, etc.
 - Specifications for electrical components such as: instrumentation, motors, lighting, control systems, electric heat tracing, etc.
 - Process control descriptions and PLC/HMI/DCS programming.
 - Piping and Instrumentation Diagrams (P&IDs).
- Control system inspection, testing (FAT) and commissioning. Including: control panels, instrumentation, other electrical components and programming.
- NEC/CE/ATEX electrical design for hazardous area applications.
- Review customer specifications to develop scope of supply and implementation. Prepare bid specifications and review vendor documentation for adherence to project specifications.
- Collaborate with other engineering and drafting disciplines to design electrical and control systems.
- Specification and selection of all types of valves and instrumentation for the control and monitoring of process equipment.
- Sizing of control valves, safety relief devices and flow metering devices.
- Recommendation of instrument installation and wiring.
- Electrical checkout, calibration and troubleshooting of installed instruments and valves.
- Employee may be required to perform other duties as requested, directed or assigned.

Requirements & Qualifications:

- Engineering or technical bachelor's degree. Electrical Engineering preferred.
- Minimum relevant work experience: 2 years with electrical engineering degree or 5 years with other technical degree.
- Very proficient with MS Office products. Experience with AutoCAD, DCS or PLC programming a plus.
- 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
- 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 that recognizes the value of a diverse workforce