



**KING INDUSTRIES
JOB DESCRIPTION
Process Controls/Electrical Engineer**

Location- Norwalk, CT

King Industries, Inc. is actively seeking to hire a Process Controls/ Electrical Engineer within our Engineering Department. Ideal candidates should have a Bachelor of Science degree in Chemical or Electrical Engineering and enjoy solving problems and developing/implementing process automation in a chemical processing plant environment.

Skills Required:

- Excellent verbal and written communication skills
- High level of competence in the use of personal computers for business and technical applications.
- Excellent organization skills, persistence, good judgment, and attention to detail.
- Knowledge and mechanical ability to design and trouble shoot electrical and electronic controls instruments.

Education and Experience Requirements:

- Bachelor's degree in chemical or electrical engineering, or equivalent.
- At least three to five years' experience in process controls design and troubleshooting in the process industries, preferably in chemicals manufacturing.

Duties and Responsibilities:

- Process Controls Aspects
 - Develop or assist with developing instrumentation design, controls logic, and wiring schemes for new projects and upgrades.
 - Aide in the design of control cabinets and IO infrastructure for new capital jobs.
 - Assist with specifying and procuring instruments.
 - Assist with troubleshooting, repairing and maintaining pneumatic/electronic controls, electrical instruments and equipment.
 - Assist with programming design and troubleshooting of distributed control systems.
 - Assist the junior Process Control Engineers with commissioning new instrumentation and completing FAT (functional acceptance testing).
- Electrical Engineer Aspect
 - Assist with providing and maintaining wiring diagrams.
 - Assist electrical foreman and electricians with developing designs for electrical power distribution and control for new projects and upgrades.
 - Promote and oversee the use of External Contracted Resources as required to supplement our staff in the fields of: Electrical Design, I&C Design, DCS Design and Programming, High Voltage Work and Electrical Field Work.
- Provide instrumentation, electrical, and process controls front end loading (FEL) leadership for projects and engineering changes (MOC).
- Provide I & C guidance for process hazards reviews (PHAs) as assigned, including ISA S84 SIS/SIL safety instrumented systems assessments.

- Comply with company safety programs.
- Participate in company wide effort to promote quality assurance in compliance with ISO 9001 AND ISO 14001.
- Maintain a general knowledge of ISO 9001 and ISO 14001 requirements.

To apply for this position, please submit your cover letter and resume to vcrichardson@kingindustries.com.