

PLC Automation Project Engineer

FAS is seeking a PLC Automation Project Engineer with experience in designing and commissioning industrial automation controls. We are looking for a capable, creative, and initiative-taking professional who wants a career in automation systems integration.

Required Education and Experience:

- ◆ BS or MS degree in Electrical Engineering, Mechanical Engineering, Computer/Software Engineering, or a similar discipline
- ◆ At least four (4) years of experience designing, programming, and commissioning PLC systems
- ◆ PLC and HMI experience with Rockwell Automation and/or Siemens
- ◆ Experience with VFD's and motion control

The PLC Automation Project Engineer position involves the following:

- ◆ Performing all necessary engineering, machine calculations, programming and configuration for the proper design and implementation of controls systems
- ◆ Writing ladder logic and structured text PLC programs including code controlling:
- ◆ Pneumatic, hydraulic, and electronic control devices
- ◆ Motor starters, VFDs and servo motion control
- ◆ Designing and programing HMIs, SCADA systems, custom data collection systems and other information systems
- ◆ Designing electrical schematics and panel layouts in ePlan
- ◆ Designing, documenting, implementing, and validating machine safety systems including:
- ◆ Performing risk assessments
- ◆ Creating Sistema reports to validate safety category and performance levels
- ◆ Writing safety validation plans and reports
- ◆ Researching and implementing modern technologies and/or methods pertaining to machine/motion control, Industrial IoT/I4.0 and any other areas that can help FAS continue providing quality and innovative solutions
- ◆ Commissioning, starting up, and troubleshooting complex control systems on the shop floor and/or at customer sites

Preferred Skills and Knowledge:

- ◆ Experience with manufacturing information systems from Ignition, Wonderware, or similar solutions
- ◆ Experience with Ethernet/IP and other industrial networks
- ◆ Experience with machine vision systems and data collection technologies (bar code, RFID)

Travel is estimated at 20 – 25%.

*Factory Automation Systems is an equal opportunity employer and a drug-free workplace.
The company offers competitive compensation based on skills and experience.
FAS has a comprehensive benefits package with medical and dental insurance,
life insurance, paid vacation, paid holidays and a 401(k) plan with company matching.*