

Control (HMI/PLC) Systems Integrator (Red Deer, Alberta)

AEC Industrial Solutions designs and integrates world class Automation, Electrical & Control solutions for motor and pump controls. AEC has a committed, well trained staff dedicated to designing and providing custom solutions, and partners with top tier manufacturers of industrial automation and control equipment.

Position will be responsible for: developing and implementing control system solutions related to motor & pump control including VFD's, PLC's, HMI's and SCADA platform integration and management. Direct interaction with clients is required.

Duties include, but are not limited to the following:

- Design automation solutions for process controls
- Prepare diagrams and control panel layouts
- Commission network communication (EthernetIP, MQTT, OPCUA, ModbusTCP)
- Review and recommend drawings, lists and specifications relative to instrumentation and process control
- PLC and HMI package programming, design and integration
- Integration between control panels and SCADA servers
- Provide technical support and resources for PLC and HMI equipment
- Site start-up support of integrated control systems
- Troubleshoot control system issues, help support existing client applications, general client communication
- Modify program/system logic involving multiple systems and subsystems
- Develop and evaluate alternative system solutions that meet stated requirements
- Uphold company values and maintain our internal culture of safety, excellence, productivity, pride, and team work

Competencies (skills, knowledge, experience) – skills/experience listed are an asset but not required for application for this position:

- PLC programming and integration (Omron, B&R)
- HMI programming and integration (Fuji)
- SCADA programming and integration (Inductive Automation, Maple Systems)
- AutoCAD / Electrical design
- Commissioning / QAQC
- Proficient programming skills (ladder, structured text, FB)
- Solid grasp of basic electrical and mechanical systems
- Networking experience (EthernetIP, MQTT, OPCUA, Devicenet, Modbus)

- Experience with successfully interacting and working with customers at multiple levels of responsibility, in a manufacturing or production environment
- Ability to handle and prioritize multiple tasks; display excellent attention to detail, and willingness and ability to learn new technologies quickly
- Motivated by challenges and innovation, and finding solutions to these challenges
- Excellent reasoning, troubleshooting, and deduction skills
- Works well in both an individual and team setting
- Solid communication skills, both verbal and written

What we offer

- Competitive wages
- Training & mentoring
- Excellent benefits coverage
- Continuous growth through encouraged innovation, challenging projects and a focus on problem solving skills

Send resume to careers@aec.ca with job title in the heading.