

Position Profile

Title: System Integrator
Department: Engineering
Reports to: Engineering Manager/Supervisor

Overall Responsibility:

The design, programming and commissioning of custom control systems for industrial applications.

Key Areas of Responsibility:

- Design of customized industrial control system hardware and software to meet customer requirements, including:
 - Interpretation of customer requirements, sequences of operation, project related drawings and specifications
 - control system software design and programming, for PLC's, HMI's, MCC's, VFD's, Historian's
 - preparation of written project documentation and commissioning test plans
- Factory verification of fabricated control panels to ensure adherence to design
- Commissioning and Site Acceptance Testing of control systems to verify site operation and acceptance
- Preparation of training materials and delivery of customer training on control systems
- On-site and remote service of existing installed automation systems to assist customers with problems and suggest maintenance/upgrades

Consults With:

In order to accomplish their job, the System Integrator will interact daily with the following people:

- Project Managers to manage scope and schedule
- Electrical Designers/Drafters to design systems inclusive of control/network panels and communication networks
- Engineering Manager/Supervisor
- Customer technical and safety representatives, particularly while at customer work sites

Term of Employment:

- Full time (40 hours per week), permanent.





- Paid overtime, if needed, to meet customer service calls or project schedule requirements.
- Salary range – dependent upon experience
- Comprehensive company benefit plan

Qualifications:

- Registered with APEGBC as a Professional Engineer or ASSTBC as an electrical or instrumentation technologist.
- At least 3 to 7 years work experience in the programming of industrial control systems, particularly Rockwell, Siemens and Schneider based PLC/HMI/SCADA systems
- Hands-on experience with measurement and control devices, including flow meters, variable frequency drives, motor starters, automatic valves and analytical transmitters.
- Communication experience with one of the following: DeviceNet, Ethernet/IP, Modbus TCP, Profibus, Fiber optic networks or others.
- Strong software computer skills including MS Office and SQL
- Able to adapt to various situations quickly including daily project deadlines and service work.
- Availability to travel approximately 25% of the time in Western Canada with a valid driver's license
- Experience in the Water/Waste Water, Manufacturing, Forestry, Mining, Food and Beverage industries.