



Job title	<i>Automation Control Specialist</i>
Reports to	<i>Automation Team Lead</i>

1. Job purpose

The Automation Specialist works as part of a project team to deliver world class control systems and contributes to the success of the company by performing detailed control system design, programming, and commissioning. The Automation Specialist is a key technical resource able to communicate complex concepts to non-technical users, with responsibility for some project management activities.

2. Duties and responsibilities

- Provide superior customer service and technical support
- Manage maintenance, repairs and testing tasks to ensure proper operation of PCSL equipment
- Diagnose errors and technical problems and determine proper solutions and repair systems
- Collaborate creatively with team members to share information across the organization to build positive relationships with customers and team members
- Establish assistance by analyzing system requirements, including ordering and gathering essential components and parts, completing the installation and performing quality testing
- Maintain customer satisfaction using strong communication skills with internal and external stakeholders to investigate complaints, identify resolutions, suggest enhanced operating techniques, deliver project documentation and recommend system improvements

3. Qualifications and Skills

Education

- Engineering Technology Diploma or Engineering degree in related technical field

Experience

- 5+ years of associated work experience
- Experience in Oil and Gas, Material Handling (Mining, Cement, Agriculture), or Water/Wastewater industries is an asset

Professional Designation – C.ET., P.Tech.(Eng.), P.Eng, E.I.T.

Knowledge, skills and abilities

- Proven experience in PLC logic, and programming with any of the following PLCs: Allen Bradley, Modicon, GE Fanuc, Siemens, AutomationDirect, Omron, etc.

- Proven experience in HMI or SCADA programming and configuration of any of the following software packages: Wonderware, Rockwell, GE Cimplicity, Siemens, etc.
- PLC 5 Migration abilities and experience with the conversion tool
- Proven experience in P&IDs, panel design and layout, bill of materials, instrument datasheets, control narratives, and wiring schematic capabilities
- Experience with troubleshooting and tracing electrical circuits
- Practical application ability with Microsoft Office and Visio
- Experienced in ISA technical standards
- Experienced with CEC \ NEC
- Experience with AutoCad an asset
- Detailed analytical abilities
- Strong experience in factory, and user acceptance testing
- Experience creating detailed reports and giving presentations
- A track record of following through on commitments
- Excellent planning, organizational, and time management skills
- A history of leading and supporting successful projects

4. Working conditions

- Work in an office environment, at times at a client site
- Usually work a standard 40-hour work week but does require flexibility in work hours
- Must be able to travel within and outside Canada
- Client sites are industrial by nature therefore PPE is required as well as adaptation to the conditions and responsibilities of the environment

5. Physical requirements

- Sedentary office work
- Occasional lifting of boxes (up to 50 lbs.)
- Travel

Approved by:	<i>Vice President</i>
Date approved:	<i>2020-01-17</i>
Reviewed:	