

PLC Specialist, Calgary

Our Company

Global Power Technologies (GPT) is the world's leading manufacturer and distributor of Thermoelectric Generators (TEG's) and a leading supplier of Remote Power Systems. The Company's products are used extensively in the oil and gas industry as well as for telecommunications, security and surveillance and military applications. With sales into 50 countries, GPT has been providing reliable solutions for critical remote power applications around the world since 1975.

We are looking for energetic and dedicated individuals to join our GPT team. You will be a part of a positive, respectful environment where we take genuine pride in all that we do and are passionate about ensuring the success of our customers and our employees.

Job Purpose

This position will be focused on PLC system design and specifications, including wiring schematics, programming, simulation, testing, installation, start-up, de-bugging and troubleshooting of GPT equipment and systems. The PLC Specialist will be responsible for the design, validation and problem solving for all electrical and electronics related to in-service product and Operations initiatives requiring engineering. Scope of the role ranges from legacy products as well as new cleantech products (combined heat and power generators, hybrid solar systems and methane emissions reduction solutions).

This role is both a design and customer focused role. This position requires an understanding of operational processes, electrical power, electrical controls, and pneumatics.

Key Responsibilities and Duties

- Problem-solve with an experienced team of engineers and skilled trades throughout the entire programming, tryout, and installation phase
- Perform PLC logic and programming duties during the build and de-bug phase and introduce programming improvements in controls and logics systems that are consistent with customer changes or manufacturing needs
- Provide throughout testing of product functionality to verify program completeness
- Support investigations into controls failures or controls issues and provide recommendations on preventative measures
- Support the electrical and controls installations and upgrades of our products
- Work closely with and maintain a coordinated effort and clear communication with Engineering, Production and Customer Service to ensure efficient product optimization and safe operations
- Assist as a technical resource to Customer Service. May require travel to field environments.

Qualifications and Skills

- Electrical or Instrumentation Journeyperson/Technician with programming experience of DCS, PLC, HMI, RTU and SCADA systems
- 5-8 years' experience, with at least 3 years hands-on programming and troubleshooting experience
- Ability to read and analyze PLC programs of others and make necessary modifications when needed.
- Experience in designing, installing, commissioning, servicing, and troubleshooting pneumatic, mechanical, and electronic automated equipment in a field environment
- Experience in both ladder logic and structured text
- Experience with at least one high level programming language is an asset
- A proven ability to work well within a team environment, prioritizing plans of action to accomplish objectives
- Resourceful, problem-solver that is energetic and able to manage multiple priorities
- Motivated and passionate about collaborating with others and overcoming challenges through collaboration and a win-win paradigm
- Ability to travel domestically and potentially internationally.

What We Offer

At Global Power Technologies we care about the personal job satisfaction of our employees. We recognize the wide variety of factors that contribute to this satisfaction and encourage work life balance. Along with competitive compensation and benefits packages, we offer a respectful work environment, one which provides our employees with valuable learning experiences and career growth opportunities.

To Apply

Please submit your resume and cover letter to hr@globalte.com quoting the job title in the subject line and tell us why you are the best candidate for the job. We thank all applicants for their interest, however due to the volume of anticipated applications, we will be responding only to those candidates who are shortlisted.