

Electrical Design Engineer, 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

Reporting to the Engineering Manager or Electrical Engineering Supervisor, the Electrical Design Engineer will be responsible for designing, implementing, test and supporting electrical equipment and electronics used in GPT's product line. This includes sustaining existing products, new product development, and integrating custom systems.

Key Responsibilities and Duties

- Analyze customer specifications and requirements to design and implement remote power solutions for customers.
- Review customer inquiries and specifications for remote power systems. Work closely with customers to create solutions that leverage GPT's offering to meet customer business needs.
- Design, implement, test, and support electrical systems that used in remote power generators, including TEG's.
- Select and qualify electrical components for use in remote power systems.
- Create and maintain wiring diagrams and drawings.
- Develop and execute test plans.
- Develop system and customer documentation.
- Use Jira for task management and defect tracking.
- System design – work with mechanical and electrical team leads to define and implement a functional system.
- Develop production test specifications.
- Troubleshoot designs and products as needed.
- Provide estimates of development time and resource requirements. Work with the project manager and contribute to the development of a project plan.
- Other duties as required
- Limited travel to client and sub-supplier locations may be required.

Qualifications and Skills

- Degree in Electrical Engineering.
- 2-10 years' experience in electrical system design or development of industrial products or electrical systems.
- Eligible for registration as a P.Eng. with APEGA.
- Experience in developing high-reliability, mission critical systems is essential.
- Proven ability to take ownership of a subsystem and to work independently.
- Proven hands-on test and troubleshooting skills.
- Experience with AutoCAD and MS Office.
- Experience with Agile tools such as Jira is an asset.
- Excellent project management, communication, and teamwork skills.
- Ability to operate independently in a dynamic, fast-paced environment.

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.