



Electrical & Electronics Engineer, Calgary

Our Company

Gentherm 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.

Job Purpose

Reporting to the Operations Engineering Manager, the Electrical and Electronics Engineer will provide support to both the In-Service Product and New Product Introduction (NPI) departments. Operations Engineering is a small team comprised of highly engaged electrical, electronics, mechanical and materials engineers and technologists. The team embraces solving our customers' reliable remote power challenges.

Duties

- Prepare product designs for production. Design, validate and problem solve for a variety of electrical and primarily electronics related engineering challenges.
- Contract manufacturing support for troubleshooting functional test fixtures.
- Provide internal test support and development.
- Perform microcontroller firmware troubleshooting and design changes in Programming Language: C
- Act as a technical resource to other departments such as NPD, Sales or Customer Service.
- Evaluate and troubleshoot returned field equipment and perform root cause analysis.
- Approve and or source components or technologies, PCB assemblies, and test fixtures.
- Assess and document design for manufacturability, assembly and test (DFM/ DFA / DFT).
- Lead lean and continuous improvement activities.
- Ensure products meet highest quality expected of our brand, namely zero defects.

Qualifications and Skills

- P.Eng Designation with a Degree in Electrical / Electronics Engineering is required
- 5+ years of experience with electrical and electronic design and validation
- Experience with testing and product development in a manufacturing environment
- Demonstrated abilities in firmware troubleshooting
- Strong problem-solving skills, including troubleshooting a variety of electrical and primarily electronics related engineering challenges

What We Offer

At Gentherm 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 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.