



Power where you need it.

**Global Thermoelectric**  
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## POSITION PROFILE – Electrical Engineer

### Job Purpose

As part of the Electrical Engineering Team you would be responsible for providing electrical expertise required to apply power generated by thermoelectric generators for practical use in systems or stand alone applications.

### Overall Responsibilities

Reporting to the Engineering Manager, you would be responsible for the development of electrical components and systems for thermoelectric generators with an overall focus of designing cost effective systems that maximize efficiency, improve customer satisfaction and lower manufacturing costs. Responsibilities would include designing subsystems for custom orders, subsystems for new products and re-designing existing products to improve customer satisfaction and sustaining engineering projects.

### Knowledge, Skills and Experience Required

- Bachelor's degree in Electrical Engineering and a member of APPEGA **OR**
- Electrical Engineering Technology Diploma and a member of ASSET
  
- 7+ years experience in a Electronics Design role with a preference for those with experience in a Oil and Gas Environment
- Should be familiar with Low Voltage AC & DC Systems
- Preference for those with ORCAD or similar board layout software
- Should be familiar with electrical and gas codes
- Should be familiar with SCADA and industrial communications protocol
- Preference for those with practical experience in circuit board fabrication
- Should be familiar with PLC programming & hardware
- Experience with the Microsoft Office Suite of products
- Strong oral and written communication skills
- Good problem solving / analytical capabilities
- Good interpersonal skills
- A self-starter with a strong internal customer service focus along with being a team player