



Sr. Electronic Design Engineer

Engineering / Product Development/ Manufacturing

Moncton, New Brunswick

Do you want to work for a dynamic and rapidly growing company that is an industry leader in our field? Greystone Energy Systems Inc. is dedicated to developing high quality and innovative solutions for its customers with unsurpassed customer service.

The Opportunity

We are growing and looking for a motivated Sr. Electronic Design Engineer to join the Engineering team working in Moncton, New Brunswick.

Objective & Summary

- The Sr. Electronic Design Engineer position is responsible to lead a team of designers for product development of HVAC sensors.
- Position will involve designing electronic analog and digital circuits to be used with a wide range of HVAC sensors.
- This position is responsible to identify technical problems, evaluate solutions and present findings and conclusions to the Engineering Manager and other Managers.

Principle Duties & Responsibilities

- Lead technical team of Electrical, Mechanical and Software Engineers for topic's relevant to Electronic Designs
- Responsible for the design of product including PCB design, 3D mechanical, embedded firmware
- Ensure design compliance with product requirements, codes, and customer requirements.
- Mentor junior Engineering staff in product design and development
- Provide guidance and technical expertise to Technologist
- Perform detailed calculations to compute and establish ideal circuit design results.
- Investigate and test vendors' and competitors' products.
- Prepare and study technical drawings and specifications.
- Investigate customer technical complaints and issues, determine nature and extent of problems, and recommend solutions.
- Assist in technical aspects of new equipment procurement or new process implementation.
- Compile data and write reports regarding existing and new engineering projects and studies.
- Confer with product management, customers and other stakeholders to discuss existing or potential projects.
- Create and/or review Engineering Change Orders (ECO's)
- Additional duties as required.



Management

- This position reports to the Sr. Engineering Manager

Education, Training & Experience

- Degree in Electrical Engineering, technical electronics diploma or equivalent experience, specializing in embedded controller design
- Minimum 10 years' experience in product design for manufacturing specializing in printed circuit board (PCB) design in electro-mechanical products
- Experience as a team lead for technical design team
- Excellent written and verbal skills (English)
- Experience in the design of battery operated or low power devices, including wireless communication or IoT would be considered an asset.
- Development of products using C, C++ on ARM processors is preferred.
- Knowledge/experience of HVAC systems and components would be a strong asset.
- Experience with embedded firmware design would be a strong asset

Skills and Competency Requirements

- Advanced knowledge of electrical components and electronic circuit design
- Proficient with Microsoft Office programs (Word, Excel).
- Advanced knowledge of PCB layout software – Altium Designer would be considered an asset
- Knowledge working with Product Life Management software (PLM)
- Strong problem-solving ability
- Ability to organize, plan and prioritize work
- Ability to observe, receive and otherwise obtain information from all relevant sources

Preference will be given to applicants that can prove a successful track record.

Please provide at least three (3) reference names and email addresses of people who are very familiar with your skills, abilities, and experience. All references will be contacted for successful candidates.

Only those who will be considered for the next step of the application process will be contacted

Applications should be forwarded to Jodi Mattatall, HR Manager (mattatall.j@greystoneenergy.com)