Solace Power Inc., located at 1118 Topsail Road, Suite 201, Mount Pearl, NL, is seeking to hire a **Senior Mechanical Engineer**.

**Application Deadline: December 2nd, 2022**

Developing wireless power technology isn’t your everyday office job!

As a close team of almost forty people, everyone at Solace Power Inc. contributes to pushing the limits and redefining the way we think about wireless power. We are currently looking for a new team member for our Mount Pearl headquarters, who can help us research, develop and test technology that truly doesn’t exist anywhere else.

We mean it when we say that Solace isn’t your average job. From implementing wireless power technology in a car door to developing our latest patentable concept – no two days are ever the same.

The **Senior Mechanical Engineer** will be a key member of the Solace engineering department. Reporting to the VP of Engineering, the Senior Mechanical Engineer will lead our team of mechanical engineers. The Solace engineering department performs both R&D and integration of our wireless power technology into a wide variety of OEM products. Therefore, a diverse set of mechanical design skills and a keen interest in all types of R&D and product development will be required for this position. The successful applicant will manage and mentor a small group of highly motivated engineers as well as participate in all aspects of the development lifecycle of Solace’s wireless products. Research, detailed requirements development, design alternatives, detailed design, prototype testing, design refinement, and manufacturing are all elements of this position.

**The Senior Mechanical Engineer’s Typical Day at Solace Power:**

- Manage the mechanical engineering team to ensure designs meet internal research or external market goals
- Be the in-house mechanical design expert of our wireless power platforms including testing, usability, manufacturability, mechanical packaging, and thermal management
- Perform design, simulation, assembly, testing, and verification of prototypes and products
- Remain current on manufacturing and production methods (DFM, PLM etc.)
- Ensure products meet test certifications and quality standards where required (e.g., MIL, ISO, ASME etc.)
- Work with a dynamic and interdisciplinary team

**Must-Have Requirements (like coffee in the morning):**

- Master’s or bachelor’s degree in Mechanical Engineering or a similar engineering discipline
• 10+ year’s relevant experience designing and fabricating electro-mechanical components and products
• Experience in the development of electronic platforms and manufacturing methods
• Experience in mechanical and thermal stress analysis and testing
• Candidate must be able to research and identify components appropriate to meet design objectives, plan and execute designs to meet engineering targets, and be familiar with all equipment necessary to prove and test a design
• Experience in project engineering and reporting
• Excellent verbal and technical documentation skills
• Must be a strong team player with a constructive perspective and committed to the success of the group
• Ability to take initiative and to be proactive

Nice to have this too... (Like dessert with every meal!):
• An understanding of PCB layout and optimization for production
• An understanding of various methods to build electronics
• Experience with schematic and PCB design
• Knowledge of electronics industry standards
• Enjoys artisanal beverages and ping-pong

Benefits

Solace Power Inc. offers employees a comprehensive benefits package

How to apply

The deadline to apply for this position is December 2nd, 2022. Please send an application to careers@solace.ca