



NeoCoil, LLC is a leader in MRI coils and imaging accessories designed for better patient comfort and experience. Our focus, through innovation and precision, is to engineer and manufacture the highest quality coils and accessories for the medical industry. Due to our growth and continued success, we are seeking an **Electrical Engineer** to join our team.

In this role you will help generative innovative solutions and assure technical quality excellence, as well as timely completion of project timelines. You will collaborate with peer engineering teams, scientists, application specialists, manufacturing, suppliers and customers to drive medical device electrical component and assembly designs across all phases of the engineering development cycle.

#### **Primary Responsibilities:**

- Develop, design and support electronics boards and assemblies contained in magnetic resonance imaging (MRI) devices.
- Realize and implement designs in schematics, bill of materials, PCB layout, cabling diagrams, simulations, and test structures.
- Verify implementation meets all design constraints including: functional, performance, thermal, EMI/EMC, reliability, hazard and FMEA.
- Provide engineering support for designs released to production including component lifecycle management and design refreshes.
- Engage in design with the following electrical components: digital, analog, micro-controller, DSP, and RF.
- Engage in all phases of new product development, including concept, architecture, documentation, design, prototype, test, supplier interfaces, manufacturing introduction and service support.
- Ensure reliability, performance and delivery through supplier relationships.
- Adhere to company design practices and procedures and FDA regulated design requirements.

#### **Experience and Qualifications:**

- Motivated professional who possesses a BSEE and 2-3 years' of electrical engineering experience, preferably in a medical device or other regulated product development industry.
- Advanced understanding of disciplined product development processes, regulatory and quality requirements.

- Demonstrated technical competence with the use of circuit simulation and CAD for electrical design.
- Hands-on prototyping and troubleshooting experience in a lab environment.
- Demonstrated technical capability in integration activities.
- Experience establishing and carrying out the design of experiments to solve problems.
- Maintain ownership of assigned tasks and possesses strong analytical and problem-solving skills.
- Self-starter, results-oriented and able to multi-task.
- Excellent teamwork and communication skills.
- Ability to meet aggressive reliability, performance, cost, serviceability, and delivery targets.
- Experience working in an MRI environment is highly desired.

If you are interested in joining a growing organization with a vision for the future, please send us your resume. We are a fast-paced work environment, offering competitive compensation, family-friendly benefits and so much more. Please visit [www.neocoil.com](http://www.neocoil.com) for more information. Interested applicants should submit a cover letter and resume, including salary requirements, to [traci.mortensen@neocoil.com](mailto:traci.mortensen@neocoil.com)

*NeoCoil LLC is committed to a policy of equal employment opportunity. The Company conducts all employment practices without regard to race, sex, color, religion, national origin, age, disability, protected veteran's status, sexual orientation or any other basis prohibited by law. NeoCoil participates in E-Verify.*