



Engineering Technician

Designation Summary

The Engineering Technician will report to the Engineering Manager for MR Instruments, Inc., a medical device company specializing in the magnetic resonance (MR) industry. This will be a full-time position with some required travel. He/she is required to perform all duties and tasks assigned by the Engineering Manager or COO.

Duties and Responsibilities

- Apply electrical technician skill set to the design and development of new products as well as product changes and enhancements
- Troubleshoot low to intermediate level RF engineering problems at the component through system level
- Conduct testing utilizing existing test protocols or develop new ones as needed
- Complete device and sub-assembly builds, electrical, electronic, and mechanical work, layout, and final testing to engineering specifications in a timely manner
- Aid in the generation and execution of written test protocols and test reports, schematics, PCB layouts, and automated assembly instructions
- Complete projects (including product enhancements) in a manner consistent with corporate objectives and timelines
- Maintain accurate documentation of concepts, designs, drawings, and processes
- Provide engineering technical support of products introduced into both the domestic and international markets
- Maintain documentation consistent with the requirements as defined in the company's quality management system
- Support company goals and objectives, policies and procedures, QSR, and FDA regulations
- Interact with clients, vendors and visitors as needed
- Other duties as assigned

Qualification, Skills and Knowledge Required

- Good and effective communication
- Proficient with RF and electronics equipment such as: network analyzer, oscilloscope, spectrum analyzer, noise figure meter, electrical test fixtures/probes, and both pencil and hot-air soldering stations
- Proficiency with word processing, spreadsheets, data analysis applications and project status tools
- Ability to work well either alone or as part of a team
- Excellent writing, analytical and problem solving skills

Education and Experience

- At least a 2-year Electronics diploma or equivalent
- Minimum of 3 years electro-mechanical technician work

