



**JOB DESCRIPTION – ELECTRICAL ENGINEER
(Helsinki-Vantaa, Finland office)**

Description	
Job Title	Electrical Engineer - Helsinki-Vantaa, Finland office
Reports to Title	R&D Manager
General Accountability	<p>Our mission is to Profoundly change the standard of care by creating a tomorrow where clinicians can confidently ablate tissue with precision; a tomorrow where patients have access to safe and effective treatment options, so they can quickly return to their daily lives. Changing the standard of care is part of our fabric. We are a group of energetic, problem-solvers focused on innovation, and looking to change the world. If you want to make a Profound impact with your career, here is your chance.</p> <p>The Electrical Engineer is responsible for producing designs, test and design specifications to follow the Company's Quality System and to test and document the electrical designs.</p> <p>The Electrical Engineer is responsible for resolving all electrical issues to meet component and system specifications.</p> <p>The Electrical Engineer is responsible for certification of all electrical aspects of the Company's medical devices.</p>
Duties and Responsibilities	<ul style="list-style-type: none">▪ Participate in the generation of SubSystem requirements and specifications▪ Carry out electrical engineering design activities including: design, debug, modifications and verification of electrical components of the company's products▪ Develop the manufacturing testers and test procedures▪ Create the BOM for electrical assemblies and printed circuits▪ Develop and document circuit schematics▪ Support the layout of printed circuits▪ Participate in or lead design reviews by providing expertise in hardware designs.▪ Develop and maintain Hardware Language designs for Programmable Logic devices.▪ Lead hardware improvement projects as required by the business.▪ Follow PMI Design Control Procedure▪ Develop test methods for getting test agencies approvals and work with the test agencies to qualify products▪ Ensure the device's electrical safety and participate in risk management activities▪ Support prototype and product manufacturing activities as needed▪ Investigate product complaints, perform root case analysis of failures, and propose remediation in a timely fashion
Education	University degree in Electrical Engineering
Certifications	N/A



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**Key Attributes
(experience, skills and
technical knowledge)**

- Sound knowledge of electronics engineering design principles for analog, digital and RF mixed signal designs
- Electrical/RF engineering for MRI compatible electrical devices
- Familiarity with IEC-60601
- Design and testing for EMC
- Demonstrate high degree of innovation to achieve high quality, usefulness and cost-effectiveness
- Logical thinking with creative problem-solving ability
- Excellent written and verbal technical communications skills
- Detail-orientated, highly motivated, patient and diligent
 - Able to work well in teams and independently