

Description	
Job Title	Electro-Mechanical Technologist
Reports to Title	Global Director Manufacturing
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>Profound Medical assembles its capital equipment in house. The Electro-Mechanical Technologist will be heavily involved in this activity, as well as the receiving and diagnosing of returned product for repair or complaint resolution.</p> <p>The Electro-Mechanical Technologist is responsible for building, testing and documenting sub-assemblies and top level systems for Production</p> <p>The Electro-Mechanical Technologist works with Manufacturing Engineering and Supply Chain to ensure product is produced on time and according to specifications.</p> <p>The Electro-Mechanical Technologist is also responsible for ensuring all equipment and test fixtures are calibrated on schedule, and that raw materials are stored safely, properly, and clearly identified.</p> <p>The Electro-Mechanical Technologist will be cross trained on the assembly of disposable products to support business requirements.</p> <p>The Electro-Mechanical Technologist acts as an incoming inspector as needed to support the business, can also serve as a receiver and inventory clerk for all production goods into and out of the Company. On occasion, this will include the receiving and inspection of returned product, which needs to be investigated for errors, and reworked to production condition.</p>
Duties and Responsibilities	<ul style="list-style-type: none"> ▪ Assemble, test and document all systems and sub-systems for production use by Customers. ▪ Ensure all product is built and tested according to the documented procedures, and all forms are completed correctly. ▪ Receive and inspect incoming materials for workmanship standard, and quality compliance ▪ Perform final integration and testing of systems based on instructions, as well as hi-pot and leakage testing of systems before final shipping. ▪ Receiving of returned product, verifying and investigating the product, and determination of repair costs. Depending on the component and value, will be involved in the refurbishment of the product for future service requirements. ▪ Support Lean and Health and Safety Initiatives. ▪ Provide support and feedback to quality and manufacturing

**JOB DESCRIPTION – ELECTRO-MECHANICAL TECHNOLOGIST**

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Competencies	
Education	University or college degree in a technical area such as Electronics /Electro-Mechanical Technology or Engineering with Electronics background
Certifications	None
Key Attributes (experience, skills and technical knowledge)	<ul style="list-style-type: none">▪ 2-5 years of manufacturing experience in a regulated environment (ISO 9001), preferably in the medical device industry (ISO 13485)▪ Familiarity with electronic measurement and test equipment such as oscilloscope, network analyzer, function generator, hi-pot and leakage tester.▪ Familiarity with IEC-60601-1▪ Mechanical aptitude including the ability to use common shop tools and measuring equipment▪ 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▪ Experience working with MR compatible devices and therapeutic ultrasound devices is an asset▪ Knowledge of good manufacturing practices