



## PRODUCT DEVELOPMENT TECHNICIAN (ELECTRONICS)

Reports to	Principal Product Development Engineer
Type	Permanent
Office/Remote	Office based. Flexible start/stop times.
Location	Stirling

### Your new company:

We are **Emblation**, an award-winning medical technology company revolutionising healthcare by harnessing the power of microwave energy. Our goal is to enhance traditional treatments by leveraging the advantages of microwave technology to deliver precise, repeatable procedures that lead to better clinical outcomes. Founded in 2007 by our co-founders—now serving as President and Chief Technology Officer—our leadership team brings over 50 years of combined experience in medical technology, driving our innovation and growth.

**Job Description:** As a Product Development Technician, you will play a pivotal role in supporting the development of cutting-edge medical device systems, with a focus on electronics and microwave technology. This hands-on role involves building engineering prototypes, designing test jigs and fixtures, testing of components and products, managing the engineering lab, and ensuring all work is documented to meet stringent quality standards.

### Key Responsibilities:

- Support the design and qualification of medical device systems and accessories, incorporating both mechanical and electronics components, ensuring adherence to design control procedures and quality regulations.
- Perform electronics testing of PCAs and debugging to support prototype and product development.
- Assembly and test of engineering prototypes of benchtop systems including electronics, mechanical enclosure, wiring harnesses, control & communication interfaces.
- Design, build, and verify test jigs and fixtures, including electronic components and custom part fabrication.
- Manage inventory control and maintain accurate records for the engineering lab.

### Essential Skills:

- HND in Electronics or Electrical Engineering, with proven experience in an engineering environment.
- Minimum of 2 years' experience in supporting the development of high-tech electronic products, including electronics measurement using oscilloscopes and multimeters.
- Proficient at soldering, rework and wiring harness assembly. IPC certification is not essential but would be an advantage.



- Strong communication skills and attention to detail.
- Proficient computer skills, particularly in Microsoft Excel and Word.

**Desirable Skills:**

- Experience in regulated industries such as Medical Devices, ISO 13485, or life sciences.
- Experience in reporting on test activities including completing test records and documenting investigations.
- Experience with microwave technology testing (e.g., power meters, network analysers).
- Programming experience for test equipment interfacing (e.g., LabVIEW).
- Familiarity with electronics schematic software.

**What You'll Get in Return:**

- Competitive salary
- Company pension
- On-site gym
- On-site parking and easy shuttle access from Stirling rail station.