

Job Title: Electronic Technician I

Company: Richardson Electronics, Ltd.



Type: Full Time

Job Description Under general supervision performs electro-mechanical assembly, testing and/or troubleshooting of all department assemblies and components, including but not limited to Semco *legend* type SCR and Diode assemblies, RF type assemblies and components as well as high power microwave components. Technician is expected to work independently to achieve the desired results.

Job Responsibilities:

Essential Job Functions:

- Read and interpret schematics and blueprints, troubleshoot circuits, and help develop procedures for the assembly and test of the product.
- Assists engineers in the development and building of prototypes and/or test equipment used in the general production of department components.
- Set up and run experiments to compare operational parameters between competing units, and our own design products.
- Assists in other electronic technician areas such as calibration of equipment under ISO9001, programming PLC's, development of semi-automatic testing procedures, etc.
- Assemble and testing of microwave generator products, Siemens medical products and RF type electro-mechanical assemblies.

Non-essential Job Functions:

- Assist with assembly of other Electro-mechanical type products.
- Perform other function outside of normal technical areas, when required.

Supervisory Responsibilities: None

Qualification Requirements: Formal technical training in electronics, preferably microwave design and microwave measurement systems, as well as troubleshooting circuits. Employee must have 3-4 years prior electromechanical assembly experience. Be able to properly operate basic tools to help in the prototyping and pre-production runs for new and/or developing products. Must be able to read and interpret schematics and blueprints. Experience in an ISO9001 company is highly desirable. Must be able to lift 50lbs and sit or stand for long periods as needed.

Working Environment: Clean well-lit air-conditioned electronic assembly area. Some stations ESD safeguards apply. Some testing may require use of lethal voltages and currents, so compliance with safety procedures is crucial.

About Richardson Electronics: Richardson Electronics, Ltd. is a leading global manufacturer of engineered solutions, power grid and microwave tubes, and related consumables; power conversion and RF and microwave components including green energy solutions; high-value replacement parts, tubes, and service training for diagnostic imaging equipment; and customized display solutions. More than 60% of our products are manufactured in LaFox, Illinois, Marlborough, Massachusetts, or Donaueschingen, Germany, or by one of our manufacturing partners throughout the world. All our partners manufacture to our strict specifications and adhere to our supplier terms and conditions. We serve customers in the alternative energy, healthcare, aviation, broadcast, communications, industrial, marine, medical, military, scientific, and semiconductor markets. The Company's strategy is to provide specialized technical expertise, and "engineered solutions" based on our core engineering and manufacturing capabilities. The Company provides solutions and adds value through design-in support, systems integration, prototype design and manufacturing, testing, logistics, and aftermarket technical service and repair through its global infrastructure. More information is available at www.rell.com.

Diversity, Equity, Inclusion and Belonging Commitment

Richardson Electronics is an international company with offices located throughout the world. We promote a culture where our employees feel welcome, respected and empowered to grow. We understand, respect and value the similarities as well as the differences of our employees as we do in our own families. We strive to be nurturing and open-minded and to create a genuine feeling of belonging. Our commitment to diversity, equity, inclusion and belonging creates a great place

to work and an environment where our employees, our customers and the communities we serve can reach their goals and connect. Our effectiveness in maximizing and bringing together the talents of people of different backgrounds, experiences and perspectives is key to our continued global success.

Equal Opportunity Employer/Veterans/Disabled

**Must be authorized to work in the US.*

How to apply: <https://www.rell.com/careers/job-postings/>

Required postings:

Family Medical Leave Act (FMLA) <https://www.dol.gov/whd/regs/compliance/posters/fmlaen.pdf>

Employer Polygraph Protection Act (EPPA) <https://www.dol.gov/whd/regs/compliance/posters/eppac.pdf>

Equal Employment Opportunity (EEO) Know Your Rights https://www.eeoc.gov/sites/default/files/2023-06/22-088_EEOC_KnowYourRights6.12.pdf

Invitation to Self-Identify <https://www.rell.com/webfoo/wp-content/uploads/2023/10/Invitation-to-Self-Identify.pdf>