

## **Electrical Engineer for an Electronic Component Testing Laboratory**

Electronic Testing Laboratory located in Everett, WA seeks to fill an open position for a Part Time Electronic Engineer. Well established company (25+ years) provides component testing and value add services to high caliber customers in the Space, Defense, Medical, and Commercial electronics industries.

Applicants must possess the following attributes for consideration:

- The successful candidate shall understand the basics of semiconductor testing. Familiar with MIL-STD 750, MIL-STD 883, visual inspection of integrated circuits a plus.
- Apply electrical theory and related knowledge to test electrical components and circuitry for the high reliability aerospace, military, commercial and industrial industries.
- Build test benches, test and provide technical assistance and resolution when electrical or engineering problems are encountered. Excellent soldering abilities required.
- Programming ability a major plus: Understanding of older 1970 – 1980 Linear Test Systems (LTS-2000 & LTS-2020) “Basic” Custom Linear. Understanding Nextest (Maverick II PT) ATE Solutions for sensitive electronics. “C” Digital Electronics Programming
- Program and Setup Agilent Network Analyzers.
- Translate manufacturers device specifications to parameter testing requirements for automatic test equipment (ATE)
- Demonstrated understanding of circuit concepts with strong trouble shooting skills
- Proficiency with common test equipment, works well in a lab environment.
- Assemble prototypes according to engineering data and knowledge of electrical principles, using hand tools and measuring instruments.
- Install and maintain electronic equipment.
- Set up and operate test equipment and record results.
- Collaborate with management, electrical engineers, operators and other personnel to identify, define, and solve problems.
- Calibrate, maintain, troubleshoot and repair electrical instruments or testing equipment. Prepare project cost and work-time estimates.
- Draw or modify diagrams and write engineering specifications.
- Plan, schedule and monitor work of support personnel to assist supervisor.
- Review existing electrical engineering criteria to identify necessary revisions, deletions or amendments to outdated material.

- Flexible and understanding for shifting from job to job based on priorities
- Apply electrical knowledge whenever possible. The company is looking for individuals that are looking to grow and assist in expanding our capabilities and growth in our industry.
- This position has a level of skill commensurate with a degree in Electrical Engineering at minimum, associates or 4-year degree a plus. Experience and great references.
- Excellent analytical, communication, organizational and PC skills as required
- Strong written/oral communication, problem solving, good judgment, presentation, and decision-making skills a plus.
- Able to work independently with little supervision.
- Company focuses on meeting our customer commitments in a professional expeditious and efficient manner. We are looking for employee's that take pride in their workplace, respond accurately and professionally, are pro-active and focus mainly on hard work and results.
- THIS POSITION IS FOR PART-TIME "DAY SHIFT HOURS FROM 8:00AM – 4:30PM
- If you are interested in this exceptional opportunity please respond to this post by emailing an introductory cover, attach your resume, be sure to provide as much information as necessary to provide a good understanding of your experience, capabilities, salary history, references and what you can offer. Wage is negotiable and will be based on what you have to offer and your experience. Qualified applicants will be asked to provide references and must submit to a background check clearance prior to an offer being made.

If interested, please contact:

Karen See  
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Vice-President  
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