

Job Title: Electrical Technician II

Duration of Assignment: Up to 6 months

Location: Poway, CA

Department: Engineering Group

Reports to: Engineering Manager

Required Education: Associate degree in electronics and 5+ years of working experience (10+ years of experience without degree). Army or Navy electronics technical school and 6+ years of service preferred.

Required Experience:

- Advanced knowledge in analog, RF, and digital domains. Reading and understanding schematics diagrams required.
- Understanding electrical (electronics) design concepts and working with engineer to create prototypes and make changes in original design. Capture schematic and create layout inside Altium Designer package.
- Advanced computer skills, experience with Windows 7, 10 and Red Hat based Linux. Understanding networking protocols, configuring basic services as DHCP, DNS, NTP. Experience with time-reference sensitive applications. Experience with virtual machines such VMWare or Oracle VM Virtual Box.
- Experience with high voltage application (particle detectors).
- Experience with environmental testing (chambers, vibe tables).
- Manufacturing experience. Should be familiar with 5S approach, Lean Manufacturing. Cooperate with manufacturing manager to provide support for testing equipment, recommend corrective actions and troubleshooting steps when necessary. Working with ECM to provide support for troubleshooting testing equipment.
- Experience with LabVIEW and Python to automate data collection.

Required Attributes:

- Ability to troubleshoot to component level, working with microscope, solder SMT components. Extensive use of DMMs, signal generators, oscilloscopes, spectrum analyzers, digital logic probes, HV power supplies.
- Ability to work with document control. Be able to create new procedures, test documents and reports using MS Office, Libre Office and Google Office.
- Effective communication and problem-solving skills
- Background and experience that has a quick learning curve in uncharted areas
- General can do attitude, jack of all trades master at some, kinds of tasks oriented person, ability to multitask and prioritize
- Compliance with the code of conduct and ethics policy

Job Responsibilities:

- Basic Testing Setups
- Test Equipment configurations and use (scopes, etc.)
- Data Collection/processing
- Basic AC, DC, and digital electronic troubleshooting
- Write test code in LabVIEW and Python
- Write SQL database interfaces
- All other duties assigned
- Company requires that employees comply with the code of conduct and ethics policy

Physical Requirements:

- Required to routinely stand, sit and use hands to operate the system.
- Occasionally lift and/or move up to 25 pounds.
- Work in close proximity to high-pressure vessels and may be required to use Personal Protective Equipment (PPE).
- The production environment is generally moderate in temperature and noise level.

Compensation:

Competitive salary plus benefits (Health, Dental and Vision care plans; HSA/FSA; Short and Long term disability; Life insurance; 401k; Vehicle and tuition assistance program.

Background:

The selected candidate will be required to pass a criminal history background check as well as a drug screening.

How to Apply:

On the website career page click "Send us your resume"

Equal Employment Opportunity:

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