



Job Description Form

Division/Department:	Engineering
Location:	Boalsburg, PA
Job Title:	Engineering Technician
Reports to:	Exec. VP of Engineering

Level/Grade	Type of position: <input checked="" type="checkbox"/> Full-time <input type="checkbox"/> Part-time <input type="checkbox"/> Contractor <input type="checkbox"/> Intern	Hours <u>40</u> / week <input type="checkbox"/> Exempt <input checked="" type="checkbox"/> Nonexempt Working hours are typically 8AM-5PM Monday through Friday. Overtime may be required from time to time.
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General Description

- Responsible for conducting engineering tests and detailed experimental testing to collect design data or assist in research work.
- Performs engineering tests, detailed experimental testing or operational test and fault isolation on systems and equipment.
- Performs electrical or mechanical troubleshooting to determine problems in equipment.
- Responsible for testing, modifying and evaluating electronic parts, components or circuitry for electronic equipment or other hardware systems.
- Evaluate alternate components/suppliers for part shortages or obsolescence.
- Help resolve supplier technical issues.
- Proficiency with RF/Microwave test equipment, oscilloscopes, logic analyzers, and related test equipment is required.
- Good interpersonal communication skills and ability to work in a team environment
- Provide technical assistance and resolution when electrical or engineering problems are encountered before, during, and after construction.
- Assemble electrical and electronic systems and prototypes according to engineering data and knowledge of electrical principles, using hand tools and measuring instruments.
- Modify electrical prototypes, parts, assemblies, and systems to correct functional deviations.
- Set up and operate test equipment to evaluate performance of developmental parts, assemblies, or systems under simulated operating conditions, and record results.
- Collaborate with electrical engineers and other personnel to identify, define, and solve developmental problems.
- Analyze and interpret test information to resolve design-related problems.
- Draw or modify diagrams and write engineering specifications to clarify design details and functional criteria of experimental electronics units.
- Review existing electrical engineering criteria to identify necessary revisions, deletions or amendments to outdated material.
- Plan method and sequence of operations for developing and testing experimental electronic and electrical equipment.

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Work Experience Requirements

- Must have a minimum of 8 years experience in a manufacturing support, RF test, or hardware/software development environment.
- 5+ years experience diagnosing, troubleshooting, debugging and repairing complex electrical equipment.
- 5+ years experience in RF/Microwave/digital/analog circuitry

GENERAL REQUIREMENTS

- Ensure tasks undertaken are consistent with safe working practices and adhere to the requirements of the Locus Microwave/Codan OHS&W System.
- Contribute to a collaborative team and work environment to achieve high performance, ongoing learning and improvement.
- Ensure business processes and tasks undertaken are consistent with the company's systems and procedures.
- Must be a US citizen or lawful permanent resident as defined by ITAR regulations.

Education Requirements

- Associate Degree (2 yr min.) in Electronics Technology or equivalent experience.

LIMITATIONS AND DISCLAIMER

The above job description is meant to describe the general nature and level of work being performed; it is not intended to be construed as an exhaustive list of all responsibilities, duties and skills required for the position.

All job requirements are subject to possible modification to reasonably accommodate individuals with disabilities. Some requirements may exclude individuals who pose a direct threat or significant risk to the health and safety of themselves or other employees.

This job description in no way states or implies that these are the only duties to be performed by the employee occupying this position. Employees will be required to follow any other job-related instructions and to perform other job-related duties requested by their supervisor in compliance with Federal and State Laws.

Requirements are representative of minimum levels of knowledge, skills and/or abilities. To perform this job successfully, the employee must possess the abilities or aptitudes to perform each duty proficiently. Continued employment remains on an "at-will" basis.