

Troll is searching for a **QUALITY BENCH TECHNICIAN**, who's ready to fine-tune their career. At Troll Systems you'll be testing, tuning and troubleshooting any and all product, from power amplifiers and printed circuit boards to motors and mechanical assemblies to insure they meet specification. This position works closely with Engineering to ensure that product specifications are well defined and met. This includes not only working with the physical products, but also working on support documentation, such as Acceptance Test Procedures (ATP), test criteria, Quality Work instructions and ensuring the completion and accuracy of Work Orders to certify they meet specification.

Troll is a worldwide leader in the development high-speed air-to-ground data links, tracking antennas and control systems, designed to deliver image intelligence, surveillance and reconnaissance, from manned and unmanned aircraft, land and marine vehicles. Troll employees work in a truly exciting industry, with enormous growth potential. Troll products are used by foreign and domestic militaries, commercial broadcasters, police, fire, and search and rescue organizations all over the world.

## **RESPONSIBILITIES and EXPECTATIONS**

### **In the first 30 days, a successful candidate will have:**

- Demonstrated the ability to successfully use all standard test equipment, including DVMs, oscilloscopes, noise-figure meters, spectrum analyzers and vector network analyzers, without damaging test equipment or products in the process
- Proven the ability to read schematics and troubleshoot printed circuit board assemblies to the component level
- Demonstrated the understanding of Trolls documentation and revision system, i.e. Work Orders, ECR/ECN's, Work Instruction and ATP's.
- Developed a working knowledge of various electronic and microwave assemblies, such as block down converters, antennas and switching power supplies
- Demonstrated above average abilities as a self-starter and a high degree of self-motivation

### **In the first three months, a successful candidate will have:**

- Developed a working knowledge of Trolls current line of RF power amplifiers to be able to assist in testing, tuning and troubleshooting.
- Demonstrated the ability to successfully use microwave and RF test equipment including RF power meters, microwave signal generators and vector signal analyzers
- Demonstrated the ability to test, tune and troubleshoot Troll's current line of other RF components and electronic assemblies (including printed circuit boards), such as block down converters, antennas, power supply boards, serial, Ethernet and I2C, communication and distribution boards and servo control boards. With little to no supervision and customers.

### **In the first six to twelve months, a successful candidate will have:**

- Demonstrated an understanding of measuring power amplifier characteristics, including output power, DC power consumption, spectral content and gain of Troll's current line of power amplifiers
- Demonstrated the ability to assist Systems Engineering with testing, tuning and troubleshooting Troll's standard product lines, including MINI Pods, Linkbox, C100/C90, C10, DMR600/6000 and MTAs

Must be a U.S. citizen or Green Card holder for authorized access to controlled technology/data as subject to ITAR as well as possess both a valid driver's license and passport. This position reports to the Quality Assurance Manager. Compensation is commensurate with experience. Position location is in Valencia, CA.

Relocation is not available for this position.