

TEST ENGINEER I/ II (Electrical)

COMPANY BACKGROUND

A dynamic Tri-Valley company specializing in radar cross section (RCS) measurements with emphasis on radar systems, data reduction and analysis, algorithm development, and field measurements is looking for a, motivated Test Engineer to join their talented team. Sensor Concepts Incorporated is located off 580 and Greenville Rd., providing easy access to South Bay and Valley commuters. You can learn more about our company by visiting our website at: www.sensorconcepts.com.

Position hours are Monday through Thursday 7:30 a.m. -5:00 p.m. and every other Friday 7:30 a.m. - 4:00 p.m.

POSITION HIGHLIGHTS

This individual will support testing activities through test planning, system testing and troubleshooting of electrical systems for our cutting edge radar measurement and analysis systems. This individual will work from written test plans and defined procedures to perform testing, checkout and troubleshooting functions. They will be expected to know and use specialized measuring and diagnostic tools in support of their tasks. This individual will also test prototype electronic circuit boards, subassemblies, electro-mechanical assemblies in applications which include both analog and digital subsystems. This person will be expected to be creative with regard to developing and improving the test process, yet be disciplined when performing routine and repetitive tasks.

RESPONSIBILITIES

- Perform required functional bench and system tests on a variety of electronic assemblies. Products range from simple electronic assemblies to large scale analog and digital printed circuit assemblies.
- Support hardware and firmware testing to include documentation of findings, changes and/or suggestions
- Test and troubleshoot engineering prototypes such as circuit boards, cables, powered electronics, assemblies etc.
- Ability to utilize standard RF test equipment: Multi-Meter, Spectrum Analyzer, Oscilloscope, Signal Generators, Power Meter, and Power Supplies
- Ability to interpret test data including basic understanding of DC and RF data like; voltage, current, power insertion loss, return loss.
- Support engineering in unit testing of new product designs.
- Develop accurate, complete, and timely technical documentation.

REQUIREMENTS

- Minimum 3 - 6 years of relevant electronics industry experience.
- Solid technical skills in circuit board and system level troubleshooting.

- Ability to read and troubleshoot schematic diagrams.
- Ability to understand electronic component datasheets.
- Proficient use of standard RF test equipment: Multi-Meter, Spectrum Analyzer, Oscilloscope, Signal Generators, Power Meter, and Power Supplies
- Basic knowledge of electronic assembly techniques like soldering, crimping, cable management and mechanical fixtures.
- Proficient in using computer software to generate test and technical documentation.
- Ability to prioritize tasks in a dynamic environment.

OTHER SKILLS

- Technical writing to include engineering change notices, technical notes and test procedures a plus.
- Soldering and PCB brass board and re-work a plus.
- Excellent verbal and written communication skills.
- Physical ability to lift or assist in lifting large items up to 50 lbs.
- Flexible and adaptable to meet changing needs within the department.

EDUCATION

- BS degree in Electronics or related field as a minimum.

Applicants selected will be subject to a government security investigation and must meet eligibility requirements for access to classified information which includes US Citizenship.

SCI Is an EEO/AAP employer.

Please email resumes to: recruiting@sensorconcepts.com