

Circuit Tech Assembly, LLC JOB

DESCRIPTION

Position: Test Engineer

Overview:

CTA is looking for a highly skilled test engineer. Candidates must have a BSEE degree and a career interest focused on the manufacturing environment. Prior work experience with engineers and manufacturing test technicians is essential. Candidates must be adept at the skills necessary to transition products from engineering to manufacturing. Key tasks will include interfacing with customer engineers, defining/writing appropriate test procedures, design/set-up of functional test stations, serving as a master troubleshooter, and coordinating the work of test technicians.

Requirements:

- BSEE degree.
- 3+ years of lead troubleshooter experience involving complex analog/digital/computer circuitry.
- Expert troubleshooting skills of printed circuit assemblies to component level.
- Advanced skills using schematics, component data sheets, component application notes, and customer documentation to support troubleshooting.
- Ability to learn new products and develop test procedures in order to rapidly support volume manufacturing.
- Experience with in-circuit and functional testing of printed circuit and top-level assemblies.
- Ability to identify problems and develop solutions for testing problems.
- Advanced experience running and programming Genrad in-circuit test system.
- Computer software skills with Microsoft Office, and other such tools necessary to write/illustrate test procedures/reports.

Duties:

- Lead the transition of programs/projects from engineering to manufacturing.
- Work with both customer and Swemco engineering teams to develop test methodologies and procedures at both the circuit board and system level.
- Design/fabricate the setup and infrastructure necessary to support the functional test and burn-in of customer boards/complete systems at specified manufacturing volumes.
- Support the design/fabrication of specific functional test fixtures.
- Serve as master troubleshooter for various products/customers as necessary to support manufacturing requirements/schedules.
- Identify problems and develop solutions for testing problems at both board and system level.
- Program and adjust Genrad in-circuit test programs.
- Conduct in-circuit and functional testing of printed circuit assemblies for a variety of customers.
- Conduct functional testing of system boards/assemblies.
- Interface with customers for all testing issues.
- Perform testing in manufacturing cells to provide feedback to operators.
- Utilize technical expertise to support manufacturing operations as necessary.
- Other projects as assigned.