

Job Description: Electronics Technician

Summary:

The Electronic Technician is responsible for installation, troubleshooting and repairing of mechanical, electrical, and electronic assemblies and systems. Work includes production, field service, returned materials, and engineering setups, installations, testing, certification, and repair.

Qualified candidates will possess strong troubleshooting (to component level) and problem solving skills, strong analog, video, mechanical, and digital skills, experience using DVM, Oscilloscope, hand tools and excellent soldering skills. Requires an Associates degree or 5 plus years equivalent technical experience and/or military technical training.

Candidates must be able to lift 75 lbs.

Sidus is a drug free workplace and works on contracts and job sites that require random testing of all employees. All Employees are subject to and must pass random drug testing as a condition of employment.

Responsibilities:

- Assembles and Modifies sub assemblies, final assemblies and systems per manufacturing drawings and instructions.
- Tests production product to ensure proper operation per established test criteria
- Troubleshoots electronics down to the component level to determine cause and remedy of any malfunction
- Performs required repairs to return unit to operational state
- Troubleshoots electrical and mechanical problems to determine route cause of issue and recommend a corrective action.
- Sets up and tests units to meet specified requirements.
- Recognizes failures and set up problems, isolates problems, and takes appropriate action to resolve those problems.
- Operates oscilloscopes, generators, meters, power supplies, service monitors and test fixtures, and understands their use and function.
- Operates hand tools and small power tools and understands their use and function.
- Inspects all work before passing on to the next operations.
- Keeps supervisor apprised of all unresolved and/or potential problems that would negatively affect production schedules.
- Fills out production test reports.
- Provides support to the Production Leads and Production Supervisor on all production assignments, and works in other departments and/or miscellaneous assignments as instructed.
- May conduct detailed experimental testing

Requirements:

- Must possess problem solving skills, strong digital and analog skills, ability to troubleshoot in a logical manner.
- Professional, clear verbal and written communication.
- Must have experience using the following equipment: DVM, oscilloscopes, recorders, hand tools, such as soldering irons, hand crimpers, screwdrivers, wrenches, and pliers.

- Must be able to exercises judgment within defined procedures and practices to determine appropriate action.
- Generate failure analysis and problem report to management.
- Advanced training in electronic theory such as one would receive at a technical trade school, military training, an Associate degree program, or multiple years of on the job training.
- Valid driver's license and reliable transportation
- Must be able to lift 75 lbs
- All Employees are subject to and must pass random drug testing as a condition of employment.
- Some domestic and international travel will be required (Passport)
- Experience in heavy industry or oil & gas is very helpful
- Experience in subsea equipment a plus
- Mechanical fabrication abilities a plus
- PCB layout skills a plus