Falcon ExoDynamics

https://www.falconexodynamics.com/job/electrical-technical/

Electrical Technician

Description
The electrical technician will be responsible for harness, PCB, and PCBA fabrication, test and checkout destined for spaceflight payload applications. Applications may include analog, digital and/or video type circuits and logic systems. They will also perform a variety of technical functions related to the support of engineering activities such as set up, operation, maintenance, modification, circuit testing, calibration and troubleshooting of electronic or electro-mechanical systems, experimental design circuitry, development of prototype models or specialized test equipment.

Responsibilities

- Perform test procedures, troubleshoot electronics issues, and develop diagnostics prototype modes
- Provide feedback to and execute Work Instructions
- Assemble electronics racks
- Assemble cables and harnesses
- Perform electrical test, checkout and inspection of Printed Circuit Assemblies (PCAs)
- Conduct final harness design, assembly, and test
- Conduct basic printed circuit card rework and hardware assembly
- Complete assembly documentation
- Assemble and move small, desktop-size equipment throughout the facility

Qualifications

- Minimum of five (5) years of direct professional experience in a laboratory environment, performing assembly, test, and/or repair work
- Can work independently and as part of a team of his/her peers
- Comfortable presenting to diverse audiences including technical and non-technical experts and peers
- Demonstrated experience with hands-on mechanical assembly, integration and test
- Demonstrated experience following test procedures, work instructions and assembly documentation
- Demonstrated experience interpreting electrical drawings and use of wide-variety of lab measurement equipment
- Demonstrated experience designing and testing electronic PCBs
- Demonstrated experience soldering to NASA or similar military standards (J-STD-001 or IPC 610 preferred)
- Demonstrated experience with electronics cabling and harnessing layout and fabrication
- Familiarity with standard shop hand tools and power tools
- Familiarity with checking out equipment and parts from an inventory management system
- Familiarity with Microsoft Office tools

Preferred Experience
The ideal candidate should have the following experience:

- Experience with high-tech medical, aerospace or other electronics

Employment Type
Full-time, Part-time, Contractor

Job Benefits

- Medical, Dental, and Vision Coverage
- Flexible Work Environment
- Holidays, Sick Leave, and Vacation Time
- Bonuses
- 401k Retirement Plan with Matching and Profit Share
- Low Overhead to Get What You Need to Get the Job Done
- Benefits may vary for part-time and contractor work

Citizenship / Clearance Requirements

- U.S. Citizenship Required
- Must be able to obtain a clearance
- Current/Active TS/SCI Preferred

Job Location
Los Angeles, CA, United States

manufacturing environment
- Has direct space systems development, integration, and test experience
- Has worked on multi-disciplinary teams of engineers
- Directly worked on multiple spacecraft programs performing similar work

Falcon ExoDynamics believes in the diversity of teams and experiences. We are proud to be an Equal Opportunity/Affirmative Action Employer. We encourage veterans, disabled veterans and disabled individuals to apply for any open position for which they feel they are qualified.