Falcon ExoDynamics

https://www.falconexodynamics.com/job/mechanical-technician/

Mechanical Technician

Description
The mechanical technician will be responsible for mechanical assembly, integration and test of spacecraft payload products, components, and related equipment destined for spaceflight applications. Candidate will be expected to follow detailed work instructions and interpret mechanical drawings, complete work orders, perform test procedures, and document results and data. Regular interaction with other technicians, engineering and management drives need for good communication skills. They will also perform a variety of technical functions related to the support of engineering activities such as set up, operation, maintenance, modification, testing, calibration and troubleshooting of mechanical or electro-mechanical systems, experimental design circuitry, development of prototype models or specialized test equipment. While this role is primarily focused on mechanical tasks, cross-functional support may be required at times in the area of electronics test and checkout.

Responsibilities

- Perform test procedures, troubleshoot issues, and develop diagnostics prototype modes.
- Provide feedback to and execute Work Instructions
- Assemble electronics racks, jigs, and test fixtures
- Assemble cables and harnesses, structures and electro-mechanical systems
- Perform product and system testing, dimensional measurement, environmental testing
- Setup workstations, perform preventative maintenance and calibration of equipment and tools
- 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 mechanical drawings, performing dimensional checks and use of wide-variety of lab measurement equipment
- Experience in a lab environment
- Experience in a regulated environment such as AS9100C, ISO9001 or similar
- 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

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

Preferred Experience
The ideal candidate should have the following experience:

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