

JOB DESCRIPTION

Title: Test Engineer - dynamics

Reports To:

Technical Director

Work Hours:

Regular full time.

Roles and Responsibilities

Conducts and provides direction for tests and ensures test compliance to contractual test requirements through development, validation, and execution of environmental and mechanical tests including but not limited to vibration, shock, tensile, and various other mechanical and environmental stress tests applicable to space and aerospace environments.

- Generates test plans, procedures, and work instructions from customer requirements
- Setup, configure, and operate test setups, fixtures, and instrumentation as required by test plans, test standards, and customer instructions.
- Implement and deploy test fixtures, testing apparatus and machines and verify and validate their performance
- Ensure the accuracy and consistency of data results through thorough documentation processes
- Analyze and present test results and data
- Operate a variety of computer automated and manual test equipment including fiber optic data acquisition systems, environmental chambers, vibration systems, and assorted measurement transducers
- Design and assemble test fixtures as required per customer requirements, test plan, and test standards
- Validate test methods

Requirements (Special Knowledge, Education, Ability and Skills)

- Minimum of Bachelors Degree in an engineering discipline required (mechanical or aerospace engineering preferred)
- 2+ years of work experience in a relevant field desired (recent graduates welcome to apply)
- Skills using LabView or other similar software desired
- Must be hands-on
- Must be willing to take over a variety of responsibilities due to flat organizational structure
- Knowledge of standard business software products (Excel, VBA, Microsoft Office, CRM, etc.)
- Able to read, interpret, and follow industry standards
- Excellent oral and written communication skills
- Ability to maintain excellence and accuracy in a dynamic, fast-paced, multi-disciplinary environment.
- Ongoing commitment to advance knowledge in the field of mechanics, dynamics, structures, instrumentation and standards compliance.
- Attention to detail
- Exhibit conscientiousness related to the quality of work
- Analytical problem solving
- Self directed and highly motivated
- Good understanding of basic mechanical concepts
- Must work well in a team environment
- Execution of tests in strict accordance with the quality system
- US Citizenship or US Permanent Resident status required

Applications

Applications MUST be submitted through the Experior Labs website and must include a cover letter. Please visit the following site to submit your application.

<http://www.experiorlabs.com/careers>