

JOB TITLE: Test Engineer

DEPT: Engineering	FLSA STATUS: Exempt
LOCATION: 1635 Ives Ave, Oxnard	EFFECTIVE DATE: 1/01/2019
REPORTS TO: Engineering Manager	APPROVED BY: Lorenz Cartellieri

GENERAL PURPOSE OF POSITION

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 fiber optic and electrical components as well as various other types of products and equipment.

Pay Range: \$70,000.00 to \$120,000.00 (Annual Salary)

RESPONSIBILITIES/DUTIES:

- Execute customer tests from conceptualization thru fabrication and completion according to customer statements of work to ensure an efficient, high-quality test delivered within cost parameters and on schedule
- Independently design, setup, instrument, and oversee assigned test tasks as required by customer test plans and instructions
- Operate a variety of computer-automated and manual test equipment, including data acquisition systems, environmental chambers, vibration and shock systems, and assorted measurement transducers
- Design and assemble test fixtures as required per customer requirements, test plan, and test standards
- Direct and lead test technicians to support and execute assigned test tasks
- Author test plans, procedures, and work instructions as required by customer documentation
- Analyze and document test data to ensure the accuracy of test results according to internal documentation processes
- Participate in design reviews, test readiness reviews, and program status meetings with customer and Experior Labs personnel.
- Develop strong communication and working relationships with both Engineering and Operations teams to ensure company objectives are achieved

SUPERVISORY DUTIES

None

MINIMUM QUALIFICATIONS:

Knowledge:

- Bachelor of Science degree (or higher) in Mechanical Engineering, Electrical Engineering, Physics, or related field
- Minimum of two years of relevant work experience (recent graduates welcome to apply)

Skills/Abilities:

- Demonstrated a high degree of technical and organizational capability
- Must be hands-on with a good understanding of basic mechanical or electrical concepts
- Skills using LabView or other similar software desired
- Must be self-directed, detail-oriented, and able to develop creative solutions in a fast-paced multi-disciplinary environment.
- Strong written and verbal communication skills required for customer interaction
- Experience building and working with DAQs for test article command/control and data gathering.
- Desire to simultaneously work on a variety of projects across multiple engineering disciplines
- Must be a team player able to work in a collaborative team environment
- Must have potential to be added as a possessor to Experior Labs explosives license
- Valued experience includes
 - Experience in test engineering running and/or managing test projects
 - Experience reading, interpreting, and following industry standards and customer test plans
 - Experience selecting, setting up, and using DAQ hardware and software (e.g. NI Labview) and associated sensors and transducers
 - Experience with SolidWorks or similar CAD modeling software
 - Familiarity with qualification testing such as thermal cycling, vibration, shock, thermal vacuum, electrical testing, or fiber optic testing.

Requirements:

- **US Citizenship or US Permanent Resident status required (due to access to US export-controlled information)**
- **Must have valid driver's license**

PHYSICAL DEMANDS:

- **Lifting up to 25 lbs. occasionally**
- **Standing/Sitting: 50% / 50%**

WORK ENVIRONMENT:

In general, the following conditions of the work environment are representative of those that an employee encounters while performing the essential functions of this job:

- 1) The test laboratory, where the bulk of the work will be performed, is in most cases a climate-controlled environment.
- 2) Climate controlled office areas.
- 3) In some cases, work is carried out in a warehouse environment.

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>