

JOB TITLE: Project Engineer

DEPT: Engineering	FLSA STATUS: Exempt
LOCATION: 1635 Ives Ave, Oxnard	EFFECTIVE DATE: 06/06/2023
REPORTS TO: Engineering Manager or Engineering Supervisor	APPROVED BY: Lorenz Cartellieri

GENERAL PURPOSE OF POSITION

Experience the excitement of testing for not one, but many of the largest engineering companies in the USA. At Experior Laboratories, we test everything from rocket engines, to electric car batteries, and even lunar landers. We welcome you to join a diverse team of engineers who take pride in their work. Our company strives to provide an environment where staff thrive via mentoring, ongoing education, and collaboration.

Recognized throughout the industry for superior customer service, Experior Laboratories is a highly qualified test laboratory providing independent design verification and qualification test services for aerospace, telecommunication, military, and other industrial sectors. Nestled between Los Angeles and Santa Barbara, Experior Laboratories is headquartered in Oxnard, CA and occupies over 50,000 sq. ft. in a five-building campus.

We are currently looking for Project Engineers to act as the primary liaison between Experior Laboratories and its customers. Project Engineers are principally responsible for the accurate and on-time execution of test projects in accordance with contractual requirements. Our tests span various engineering fields including mechanical, electrical, fiber optic, and aerospace.

Experior Laboratories provides a comprehensive benefits package that includes Paid Time Off (PTO), a 401(k)-retirement account with employer matching, as well as medical, dental, vision, and life insurance benefits for employees.

If you would like to accelerate your career growth by taking part in a multitude of tests spanning various product types, Experior Laboratories may be the place for you.

Pay Range: \$80,000 to \$140,000 (Annual Salary)

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Manage, execute, and be principally responsible for test projects including customer communication, scheduling, coordinating, monitoring, and reporting. Projects include, but are not limited to a variety of mechanical, aerospace, electrical, and fiber optic hardware and components.
- Review and interpret customer-provided test plans, statements of work, standards, and other documentation to ensure test compliance and accuracy.
- Monitor and maintain project scope. Communicate project scope changes with customer and relay change information to internal team.
- Draft test plans, procedures, and work instructions based on customer requirements.
- Select and identify vendors, obtain quotations, and source required supplies and materials to support development or performance of test projects.
- Design and manage test setups (including fixturing, instrumentation, chambers, equipment, and data acquisition) to conduct tests to specified test conditions.
- Analyze and document test data to ensure the accuracy and consistency of test results according to internal documentation processes.

MINIMUM QUALIFICATIONS

- Bachelor of Science degree (or higher) in Mechanical Engineering, Physics, or another related field
- 3+ years of relevant work experience
- Experience managing and/or running test engineering projects is advantageous
- Demonstrated knowledge of product qualification and test engineering in the realm of environmental testing (such as thermal cycling, vibration, shock, thermal vacuum, pressure, electrical, and optical)
- Proficiency in SolidWorks, AutoCAD, and/or other design software preferred.
- Desire to simultaneously work on a variety of projects across multiple engineering disciplines
- Ability to comprehend, interpret, and implement industry standard test methodologies
- Must exhibit a hands-on autonomous nature and thrive in a dynamic, fast-paced, multi-disciplinary environment
- Excellent oral and written communication skills and ability to professionally interact with customers
- Must approach all projects with a high degree of conscientiousness, organization, and attention to accuracy and detail
- Must function smoothly within a collaborative team environment
- Knowledge of standard business software products (Microsoft Office, project management, etc.)
- Must have potential to be added as a possessor to Experior Labs explosives license

Requirements:

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

SUPERVISORY DUTIES

- None

PHYSICAL DEMANDS:

- Occasional lifting up to 25 lbs.
- 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:

- The bulk of testing will be performed in climate-controlled test laboratories.
- Climate controlled office areas.
- Work is also sometimes carried out in a warehouse environment.