

JOB TITLE: Test Engineer

DEPT: Engineering	FLSA STATUS: Exempt
LOCATION: 1635 Ives Ave, Oxnard	EFFECTIVE DATE: 11/27/2024
REPORTS TO: Engineering Manager	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 mutual support.

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 Test Engineers to work with customers to design and conduct tests, direct technicians, and generate test documentation. Our tests span various engineering fields including mechanical, electrical, fiber optic, and aerospace.

Experior Laboratories offers competitive salary, 401(k) retirement account with employer matching and profit sharing, along with employee medical, dental, and vision benefits.

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: \$75,000.00 to \$120,000.00 (Annual Salary)

ESSENTIAL DUTIES AND RESPONSIBILITIES

- 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

MINIMUM QUALIFICATIONS

- 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)
- Demonstrated a high degree of technical and organizational capability
- Must be hands-on with a good understanding of basic mechanical or electrical concepts
- 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
- 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.
- US Citizenship or US Permanent Resident status required (due to access to US export-controlled information)
- Must have potential to be added as a possessor to Experior Labs explosives license
- 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.

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>