

JOB TITLE: Vibration Technician

DEPT: Lab	FLSA STATUS: Non_Exempt
LOCATION: 1635 Ives Ave, Oxnard	EFFECTIVE DATE: 12/02/2024
REPORTS TO: Lab Manager	APPROVED BY: Lorenz Cartellieri

GENERAL PURPOSE OF POSITION

Perform vibration and shock tests on a variety of test specimen in accordance with customer requirements and in conformance with Experior Laboratories work instructions, procedures, and employee training.

Pay Range: \$20hr-\$50hr- Depending on Experience

RESPONSIBILITIES/DUTIES:

- Execute testing procedures on customer supplied test samples per work instructions and training procedures.
- Program and operate vibration controllers and electro dynamic vibration systems (various models)
- Assist customers with mounting test specimen and fixtures
- Evaluate and characterize fixtures for vibration tests
- Select accelerometers and evaluate and determine control strategies
- Accurately complete technical reports, test results, and all other required documentation
- Execute tests in strict compliance with Experior Laboratories quality system
- Coordinate with the laboratory manager and the principal engineers to maintain testing efficiency.
- Support the laboratory manager in identifying and eliminating workflow / schedule bottlenecks and support the laboratory manager in maximizing operational efficiency
- Establish and oversee a regular maintenance schedule for all electro dynamic vibration systems and associated equipment.

SUPERVISORY DUTIES

None

MINIMUM QUALIFICATIONS:

Knowledge:

- Must have 5+ years of relevant work experience
- Education: none formally required (Associates and/or Bachelors degree in physics or electronics welcome)

Skills/Abilities:

- Must have test experience (Required)
- Exhibit diligence in executing work instructions (must have)
- Demonstrate proactive, detail oriented, and thorough work ethics
- Must be able to follow work instructions (verbal and written)
- Familiarity with Unholtz-Dickie and ETS electro dynamic shakers; Vibration Research and M+P Controllers; data recorders; oscilloscopes; accelerometers; and pressure transducers is desirable.
- Ability to workdays, late, or night shifts
- Able to professionally interact with customers
- Must show proficiency in use of popular computer software products (Microsoft Office, etc)
- Must continuously maintain and advance its own knowledge in the field of vibration analysis, vibration controllers, accelerometers, and standards compliance.
- Must work well individually and in a team environment
- Must exhibit good mechanical abilities and background.

Requirements:

- 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

PHYSICAL DEMANDS:

- Physical requirements: Lifting 20 to 40 lbs.
- Standing / Sitting: 70%/30%
- Manual Dexterity is required in order to work with hand tools
- Use of PPE is required

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:

Vibration laboratory with and without climate control. Use of PPE is required.

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>