

Job Title: Manufacturing Engineer I**Department:** Operations

About Vector Laboratories

Vector Laboratories is seeking a talented and highly motivated individual to join our growing team. As an organization known for its culture of service, reliable products and unmatched technical expertise, our employees are passionate about the impact and quality of their work. The opportunities we provide to work collaboratively and build trusting relationships in a team-oriented environment make Vector Laboratories an ideal place to learn, flourish and contribute to scientific advancement. We genuinely value diverse perspectives and ideas and strive to demonstrate how this approach results in success. With nearly 50 years of history, Vector Laboratories boasts an unparalleled reputation in protein labeling, detection, and conjugation. Our recent mergers and acquisitions have significantly expanded our portfolio, serving the biopharma industry, academia, life science tools, and diagnostics, providing comprehensive solutions to the life science industry. We are looking to take Vector Laboratories to new heights and hope you'll consider joining our globally impactful team!

Job Summary

The Manufacturing Engineer I is responsible for maintaining equipment and supporting process development. The qualified candidate will use their expertise to maintain equipment up-time and compliance, support process improvements, and maintain equipment related consumables stock to support aggressive production timelines. The engineer will work closely with operations leadership to maintain equipment up-time and ensure production process is not inhibited by equipment related issues. Responsibilities will include collaborating with cross functional teams for scheduling planned maintenance downtime, maintaining stock of necessary equipment, consumables and spare parts, and recording calibration and maintenance records under our ISO9001:2015 Quality Management System. This is a hands-on role that requires both planning and execution in the manufacturing laboratory.

This position reports to the Manufacturing Science and Technology Manager.

Responsibilities

- Diagnose and repair mechanical, electrical, or automated issues on the production floor to reduce downtime
- Schedule on-demand repairs with approved vendors
- Execute preventative maintenance programs
- Execute commissioning, qualification, and validation protocols (IQ, OQ, PQ) for new and modified equipment
- Conduct investigations for equipment deviations, non-conformances, and CAPAs (Corrective and Preventative Actions)
- Identify new equipment available on the market to meet business needs
- Train cross functional teams on proper use and maintenance of equipment
- Perform all work in accordance with our ISO 9001:2015 Quality Management System
- Create and revise documentation according to document control practices as needed
- Perform other related duties as required or assigned
- Some weekend / evening work is expected of this role
- Performs other duties as assigned

Job Qualifications

- Bachelor's degree in biochemistry or related scientific discipline or equivalent experience
- Minimum of 1-3 years of relevant equipment engineering experience
- Prior experience in one or more of the following equipment:
 - AKTA FPLC
 - Centrifuge (Floor and Benchtop)
 - UV Vis Spectrophotometer
 - Tangential Flow Filtration
 - Tissue Cutter
 - Slide Stainer
 - Pipettes
 - Balances (Floor and Benchtop)
- Ability to prioritize tasks and work efficiently to provide maximum equipment up-time
- Experience working under ISO 9001 requirements.
- Experience in drafting SOPs and supporting root cause investigations (i.e., deviations, NCMRs, CAPA).
- Proficient in Microsoft Office.
- Maintain a clean, orderly and safe laboratory environment.
- Other duties as assigned.

Compensation

The anticipated salary range for this position is \$70,000.00 – \$85,000.00. The salary offer will depend on multiple factors, including the successful candidate's skills, experience, and other qualifications.