



HEALTH LINE

MEDICAL PRODUCTS

Manufacturing Engineer

Job Summary

Reports to the Operations Manager. Responsible for the implementation of project and process support activities toward attainment of departmental and plant goals. Primary focus in areas of capacity expansion, quality/waste improvement, and cost improvement programs. Required to handle multiple assignments of varying scope and complexity

Responsible for manufacturing and process engineering functions. Ensure Production Managers and Supervisors receive the support they need from the engineering group in order to accomplish production goals. Maintain and improve manufacturing equipment and processes to ensure product meets required product performance requirements and associated specifications. Comply with appropriate regulatory agencies (i.e. GMP, ISO, FDA, etc.) and associated quality systems described in HLIC's documentation.

Essential Functions

- Responsible for the design and implementation of machine improvements and capital equipment project management activities. Proficient in mechanical design and troubleshooting.
- Directs personnel in the troubleshooting and maintenance of cam driven mechanisms and pneumatic and hydraulic equipment used in the production process.
- Supports the plant manufacturing effort, with proven ability to identify problems and pursue plans toward their resolution. Specific focus will be in areas of improving upon chronic levels of quality, waste, and equipment efficiencies.
- Clear understanding of the role of Engineering in a manufacturing environment.
- Has knowledge of proper Engineering practices and vendor relationships.
- Responsible for coordinating activities between equipment vendors, Division R & D, and plant functional departments on his/her assignments.
- Ability to handle projects of a moderate to large scope requiring extensive coordination. Will be required to handle several assignments (project and process duties) simultaneously.
- Prepares and submits capital appropriation requests and controls expenditures on these projects as required.
- Has knowledge of established safety standards and operator interface with equipment.
- Completes or supervises the completion of necessary designs, drawings, calculations, and specifications on associated equipment.
- Recommends vendors for commercial items and materials needed for a project.
- Establishes which elements comprising a job are suitable for in-house fabrication or revision and which items would be best contracted. Secure quotations and select contractors; direct the contractor's efforts or the efforts of in-house forces to a satisfactory scheduled completion of the necessary work. Supervise and support the inspections all work in-process by contractors or plant forces; provide guidance where necessary.

- Responsible for the recommendation of capital equipment or process modifications, their physical installation, debugging, and associated training of production personnel.
- Required to have awareness of product performance and quality requirements within scope of his/her assignments.
- As required within the scope of his/her duty, be responsible for all associated documentation, including; however not limited to, the following; validations, Operational procedures, Preventive Maintenance schedules, Engineering Change Notifications, spare parts listings, etc.
- Required to develop a firm understanding of all equipment for which he/she is responsible to include Programming, set-up, adjustment, and assessment of possible improvements.
- Responsible for realization of budgeted cost reductions and productivity improvements.
- Accountable for spending (capital or expense) within approved limits on programs.
- Directs the efforts of support personnel such as machinists and technicians, etc. in the improvement, modification, adjustment, removal, and installation of new or existing equipment as required.
- Utilize software such as Solid work CAD/CAM, M.S office to accomplish tasks and report on Engineering projects.

Qualifications

The candidate should have the following qualifications.

- Must have bachelor's degree in Mechanical or Manufacturing Engineering or equivalent educational experience
- Must have a minimum of 2-5 years of work experience in a manufacturing environment
- Understanding of Lean Manufacturing initiatives with an emphasis in continuous improvement
- Six Sigma certification (greenbelt or blackbelt) preferred but not required
- Must have high-speed automated assembly experience in the following areas
 - Synchronous and asynchronous assembly platforms utilizing PLC and Industrial communication
 - Cam-operated equipment
 - Pneumatics and servo-controlled assembly
 - Low-voltage electrical

Salary and Benefits

- Starting salary: 45K to 75K annually, D.O.E.
- Benefits offered:
 - Health insurance
 - Dental insurance
 - Vision insurance
 - PTO
 - Professional development