



Position: Manufacturing Engineer - 940 Building (Job ID 1351)
Reports To: Operations Manager
Date: February 2020

Position Summary

The Manufacturing Engineer will work applying their skills and expertise creating solutions for internal and external processes. This position will also manage direct engineering projects, to be completed in a timely manner, at or under budget. This position is responsible for understanding and implementing efficient workflow and best quality practices.

Primary Duties and Responsibilities

- Interface with the production and quality departments to develop robust work instructions, checklists, TEIs, FMEAs, control plans and other documentation as required
- Company advocate for continuous improvement; implementing new ideas to improve safety, quality, cost, productivity, and sustainability
- Formulate new, innovative approaches to solve technical problems
- Create and communicate project tasks and deliverables and manage time to meet project deadlines and costs. This includes reporting pertinent information at key milestones through clear, concise oral and written communications
- Address problems through proper root cause analysis, data-based solutions/options and plans; and communicate to team ensuring timely execution
- Design, fabricate and maintain production tooling, specifications and drawings utilizing AutoCAD Suite
- Assist in specifying and sourcing capital equipment
- Update and sustain preventative and unscheduled maintenance systems
- Provide technical assistance and support to our internal & external customers via teleconferences, onsite customer visits, etc.
- Lead USa (understand, simplify and act) events, continuous improvement projects and new product introduction and scale-up
- Support the identification and implementation of Statistical Process Control Parameters and Internal Process Parameters (IPPs)
- Support scale up team from lab scale to low volume production and ramp to high volume manufacturing
- Ensure ISO processes and documentation (procedures, work instructions, etc.) are up to date for all engineering systems
- Process Bills of Materials and maintain spare part lists for critical processes and systems
- Applicants must be authorized to work in the U.S. as a precondition of employment
- Sponsorship is not available for this position
- Additional duties and tasks as assigned

Qualifications

- B.S. in Mechanical / Manufacturing engineering with a minimum 5 years relevant industry experience including process engineering and the design, fabrication, and maintenance of production equipment and tooling.
- Effective project management skills and knowledge of the engineering aspect of manufacturing equipment, its principle of operation, purpose, and its interaction with the product
- Ability to apply mathematical concepts such as statistics, fundamentals of plane and solid geometry, trigonometry, fractions, percentages, ratios, and proportions to practical situations as well as application to processes and designs.
- Understands statistics and application to manufacturing processes including statistical process control (SPC), design of experiments (DOE), statistical hypothesis testing.
- Able to identify and define problem, apply root-cause analysis techniques, and execute a resolution plan.
- Able to apply Lean Manufacturing, 5S, Kan Ban, change control, ISO to real-life manufacturing processes.
- Understanding of process control principles and possess knowledge of drafting basics and dimensioning
- Fluent in AutoCAD Suite and MS Office suite and familiarity SQL databases.



Key Competencies

- Initiative
- Decision Making
- Communication
- Teamwork
- Organization Skills
- Adaptability and Flexibility
- Manage and Develop Others
- Project Management
- Technical Competence

To apply, please send your resume to [Dawn Holland](#) and reference the job position in the subject of the email.