

Department: Engineering
Job Title: Manufacturing Engineering
Wage Classification: Salary
Revised Date: 2/22/2023

JOB SUMMARY

The Manufacturing Engineer will be responsible for current production activities, utilizing of continuous improvement activities, plant layouts, managing multiple projects and promotes a safe working environment.

GENERAL EMPLOYMENT REQUIREMENTS

- Degree in Engineering or related field
- Motivated and energetic self-starter with a focus on 'hands-on' troubleshooting and analysis of assembly equipment and processes
- Experience working with new designs, equipment fabrication, line lay-outs, and line balancing
- Ability to work effectively both independently and as part of a team
- Excellent communication and interpersonal skills
- Proven record of continuous improvement implementations that align with business strategies
- Problem Solving/Analysis
- Experience using computers for a variety of tasks through Microsoft applications including Word, Excel, Project and Outlook.
- Working knowledge of AutoCAD. (Solidworks experience plus)

SPECIFIC JOB FUNCTIONS

Following are some of the principal job functions; however, duties responsibilities and activities may change at any time with or without notice.

- Analyze manufacturing equipment / process flow and utilize continuous improvement methods to meet safety, ergonomics, quality, delivery, and efficiency goals.
- Develop manufacturing processes for new products, product changes, enhancements to related fixtures / tools that are consistent with zero defect level and low product cost
- Utilize 8D problem solving techniques to troubleshoot and resolve technical problems
- Develop and maintain Standardized Work Methods and additional process documentation.

- Provide technical expertise to support and facilitate daily manufacturing operations of assembly equipment.
- Work with launch engineering, supervisors, purchasing, and continuous improvement team to prioritize projects.
- Develop and implement set-up reduction programs
- Prepare make/buy analyses and propose other cost reduction activities.
- Devise new solutions to existing manufacturing problems through assembly aids and processes.
 - Evaluate layouts to improve material flows utilizing AutoCad.

PHYSICAL JOB REQUIREMENTS

- Lifting to 25 lbs. with no restrictions
- Negative drug screen
- Vision, with or without correction, must be adequate to perform the required job functions
- Occasionally required to sit, climb, or balance, and stoop, kneel, crouch or crawl.

TRAVEL

- 10% travel may be necessary.

WORK ENVIRONMENT

While performing the duties of this job, the employee can be exposed to fumes or airborne particles and moving mechanical parts. The noise level in the work environment can be loud. Hearing protection and mask or respirators are provided where required.

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