

Job Title: Industrial Engineer (Lean Focus)
Department: Manufacturing Engineering, Dept. 62
Reports To: Engineering Manager
FLSA Status: Exempt

GENERAL DESCRIPTION

This position is responsible to lead the company initiative to move towards lean production environment. Acts as a central resource for lean manufacturing and assists with day-to-day production support and improvements.

SUMMARY

Responsible to manage all activities for a lean production philosophy, productivity and safety advantages, environment and implementation. A technical background combined with product/management skills is needed. This position will interact with all areas of the business. This includes but not limited to: engineering, marketing/sales, production, quality control, documentation and sourcing.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following. Other duties may be assigned.

- Develop principle work standards and line balancing for productivity.
- Identify manufacturing cost reductions and provide ROI justifications for change.
- Optimize machining processes to reach product quality, efficiency and process repeatability.
- Execute LEAN manufacturing techniques and design.
- Optimize work flow and cell designs and introduce cost-effective automation for productivity and safety advantages.
- Design machine and tools for new product or process.
- Track and execute cost reduction for process improvements.
- Plan, execute and manage projects to complete through product continuous improvement.
- Communicate Lean group's philosophy, vision and expectations.
- Develop and sustain employees training and development on lean concepts.
- Develop measurement systems supporting lean manufacturing philosophy.
- Lead value stream mapping exercises to determine and record business improvement areas.
- Develop and implement project plans to achieve Future State.
- Plan and reach expense budget objectives and capital items.

QUALIFICATIONS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

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REQUIRED SKILLS

- Ability to understand production processes and should be aware about the production operations
- Ability to understand and lead implementation of low level automation/robotics options
- Ability to follow all the quality standards guidelines strictly
- Work towards increasing the efficiency and safety of the manufacturing system
- Work towards cutting the maintenance and repair cost
- Knowledge of value stream mapping and application of such.
- Ability to analyze complex manufacturing data and propose changes leading to higher efficiency and safety
- Must be a team player and understand motivating a team members into lean environment.
- Self-motivated to implement goals with little supervision.
- Strong communication, presentation and interpersonal skills needed to interact with all areas of business and customers.
- Strong Analytical & technical skills are needed for all product support activities.
- Multi-tasking skills are required to manage multiple projects and various project activities.
- Strong computer skills.
- Highly hands-on and strong mechanical aptitude needed.

EDUCATION and EXPERIENCE REQUIREMENTS

- Bachelor's degree in Industrial, Manufacturing, Mechanical Engineering or equivalent
- Minimum of 5 years' with proven experience utilizing Six Sigma and/or Lean Manufacturing initiatives in production is preferred.
- Work experience with implementation of adaptable robotics/automation.
- Certification in Six Sigma and/or Lean Manufacturing preferred
- Computer proficient
- Understanding of gearing and motors preferred, but not required.

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to use hands to finger, handle, or feel and talk or hear. The employee frequently is required to stand, walk, sit, and reach with hands and arms. The employee is occasionally required to stoop, kneel, crouch, or crawl. The employee must frequently lift and/or move up to 25 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

While performing the duties of this job, the employee is frequently exposed to moving mechanical parts and risk of electrical shock. The noise level in the work environment is usually quiet.

Interested candidates should email, fax or mail resumes to:

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