Engineering Manager Job Description

MPP#: Pay Family: Salaried, Exempt
Manager: General Manager Department: Manufacturing Engineering

Job Summary:
The Engineering Manager plans, organizes and directs engineering to meet company objectives for design, new product development and improvement of existing product lines by performing the following duties personally or through subordinates.

Duties and Responsibilities:
• Manage Manufacturing Engineering department and staff, including day to day activities, employee development and staffing
• Oversee manufacturing processing steps leading to successful casting, tube/duct and machining production.
• Develop and implement strong engineering policies and processes with emphasis in quantitative management and continuous improvement which supports the business needs across the organization.
• Lead process evaluation and re-design efforts. Manage transition of new products. Includes selecting correct design concepts and fundamental technology needed as well as driving transition effort to meet milestones.
• Work with operational team to assess and refine production processes for each new job, any changes to existing jobs, or jobs that may develop defects.
• Monitor quality control audits; develop plans to address under performance. Work with the manufacturing and quality teams to review/monitor quality, process improvements and new product development.
• Review operations and plans to meet requirements for sales planning and to ascertain engineering requirements to develop new markets.
• Effectively communicate with customers and internal stakeholders providing timely information.
• Work with internal and external customers to design and develop new tooling and equipment to support manufacturing.
• Establish and maintain an engineering strategy in support of company growth strategies including; staffing, equipment, facilities, budgets, capabilities and skill sets.
• Foster a culture of lean and waste elimination through the usage of consistent design practices, standards, libraries and design re-use.

This job description is not meant to be an all-inclusive statement for every duty and responsibility that will ever be required of an employee in the job.
• Provide project oversight and guidance to project and technical teams including sound project management processes, requirements management and risk management.
• Functional management responsibilities include staff resource planning, Provide feedback for further job review and analysis to finalize job process instructions.
• Oversee key projects, processes and performance reports, data and analysis. Plan documentation system.
• Continuously seeking out, identifying, and communicating process changes to improve productivity, quality, cost, health, safety, and environmental performance.
• Completes these and other job duties, as instructed.

Qualifications / Requirements:
• Experience with complex machine and assembly Aerospace/foundry environment.
• In-depth knowledge of reading/interpreting customer technical requirements and purchase orders.
• Experience with planning the build of the customer's products based on the customer’s requirements and industry specifications.
• Advanced blueprint reading, interpretation skills and dimensioning.
• Exceptional understanding of foundry processes, tooling design, and construction
• Knowledge of design parameters for converting fabrications or machined parts to castings
• Knowledge of how to use relevant information systems needed to perform the job, including competency in MS Office, computer modeling and simulation programs, CAD, and understanding the basics of an enterprise resource planning system
• Legal authorization to work in the United States
• Ability to speak, read and write English

Desired Characteristics:
• Strong organization and planning skills
• Good listening skills and oral communication skills
• Flexible and able to adapt to and embrace change
• Strong team player
Work Environment:

- May be exposed to noise, dust, fumes, airborne particles, smoke (Not over OSHA Permissible Exposure Levels).
- Safety training and equipment are provided by MPP in accordance with applicable law, industry standards and company policy
- Occasionally lifts 25 – 40 #’s.

Please send resume and cover letter to:

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