

Job Title: Manufacturing Engineer II

Req ID 4341 - Posted 03/21/2017 - Franklin, TNEngineering

Primary Function

The Manufacturing Engineer II will coordinate improvements and changes to manufacturing processes and procedures in the industrial plant to establish the best methods of work. The incumbent will constantly evaluate processes and procedures of the production process to identify areas for improvement. Plans, directs, and coordinates manufacturing processes in industrial plant by performing the following duties.

Responsibilities

1. Apply sound ergonomic and safety practices in all functions of manufacturing process, equipment and facilities.
2. Develop, evaluate, and improve manufacturing methods using data collection, analytical analysis and experience.
3. Evaluate New Technologies and Processes in support of improving Manufacturing Efficiencies, Productivity, Cost Savings and/or Product Quality.
4. Develop Capital Cost Justification for New Product Tooling, Equipment, Cost Savings Initiatives, etc.
5. Analyze and plan work force utilization, space requirements, and workflow, and design layout of equipment and workspace for maximum efficiency.
6. Product Development System (PDS) Team Member ensuring Design for Manufacturability (DFM), tooling and equipment needs are met to ensure efficient manufacturing processes and successful product launch.
7. Confer with vendors to determine product specifications and arrange for purchase of equipment, materials, or parts, and evaluates products according to specifications and quality standards.
8. Estimate production times, staffing requirements, and related costs to provide information for management decisions.
9. Confer with management, engineering, and other staff regarding manufacturing capabilities, production schedules, and other considerations to facilitate production processes.
10. Understand and implement Lean Manufacturing Principles such as Continuous Improvement, Blitzes, KanBan, Line Balancing, TPM, Takt Time, etc.
11. Work closely in a team environment with engineers, supervisors and manufacturing personnel and promote company principles such as Quality and Lean Manufacturing.
12. Work closely with maintenance personnel in troubleshooting problems as needed and equipment installation and set-up.
13. Other Duties as assigned by Manager in support of Manufacturing Operations.

Qualifications

Experience with Six Sigma, Lean Manufacturing, and other Continuous Improvement Methodologies
Ability to write reports, business correspondence, and procedure manuals
Experience with Compact/ControlLogix PLCs as well as RSLogix 5000
Experience with Cognex Vision and Keyence Vision Systems
Experience with motion control and drives

Education

Bachelor's Degree

Years of Experience

Minimum of 3 years of related work experience or training

We Offer

We Offer: Competitive base salary and comprehensive benefits plans which include medical and dental insurance, company-sponsored life insurance, retirement security savings plan, short- and long-term disability programs and tuition assistance.