

TITLE: Industrial Engineer

DEPARTMENT: Manufacturing

REPORTS TO: Manufacturing Engineering Manager

BENEFITS: Medical, dental, vision, life insurance, short and long term disability insurance, paid time off package, 401k with company contribution, FSA or HSA options, educational assistance, dependent scholarship program, onsite fitness center, and much more!

General Responsibilities:

As the Industrial Engineer, you will be responsible for developing and maintaining the capacity models for each product line and factory and providing input into various forums including Sales and Operations Planning (S&OP), capacity planning, strategic growth decisions, etc. You will drive process and product improvement work utilizing lean principles to improve safety, quality, and throughput. In this role, you will work across departments to support the overall growth of each product line within the company and utilize industrial engineering principles to standardize and improve operations.

Specific Duties:

- Develop and maintain capacity models for each product line and factory. Manage and maintain the capacity modeling and scenario planning as part of the S&OP process.
- Develop strategic capacity planning scenarios and recommendations to executive management. This will help inform decisions for production ramps for staffing, CapEx investments, and future site selection to support demand.
- Contribute to Design for manufacturing effort with product engineering, manufacturing engineering, and supply chain engineers to improve quality and cycle time efficiency.
- Participate in Design for Manufacturing (DFM) projects involving part designs and manufacturing processes in a production environment. Work collaboratively with production and materials support personnel to drive quality into part designs and manufacturing processes.
- Apply engineering principles and analytical techniques to establish and continuously improve manufacturing processes and products. Perform bottleneck analysis for cycle time and performance for plant floor operations. Improve manufacturing efficiency by analyzing and planning workflow, space requirements, and equipment layout.
- Analyze and evaluate existing systems and processes, identifying value-added and non-value-added activities to solve manufacturing challenges. Identify opportunities to prevent waste and inefficiency in production. Lead variability reduction and lean manufacturing initiatives and best.
- Assists in research, design, development, improvement and implementation of processes to enhance schedule performance, lower cost, and improve quality, through the application of Lean and other Industrial Engineering concepts for large scale systems integration and asset utilization.
- Create and maintain required manufacturing process documentation, including facility layout, process flow charts, capacity and utilization studies, time and motion studies, standard work, cycle time analysis and line balancing.
- Work with quality, procurement, and production teams to resolve day to day manufacturing concerns and improve error proofing and manufacturing quality.
- Evaluate manufacturing processes for improvements in safety, quality, and throughput by applying knowledge of product design, fabrication, assembly, tooling, and materials; conferring with equipment vendors; soliciting observations from operators.
- Analyzes and designs value stream, including capability, capacity (e.g., make/buy, supplier selection, risk analysis, supplier performance), throughput, work flow and logistics (e.g., critical path, lead-time, transportation, factory layout).

Job Qualifications:

- Bachelor's Degree in Manufacturing, Business, or Engineering with a minimum of five years of experience in a manufacturing environment
- Excellent project management and leadership skills with demonstrated ability to manage short and long-term projects and priorities.
- Proven experience leading Lean manufacturing methods and process improvement programs
- Demonstrated ability to successfully facilitate cross-functional projects in a team based environment

- Recognized green belt or equivalent lean experience
- Exceptional interpersonal, listening, and communication skills both written and verbal
- Strong attention to detail and solid analytical skills.
- Strong presentation and facilitation skills
- Ability to communicate in English
- Proficiency in Microsoft Office Suite, CAD/Solidworks, and other computer programs as needed
- Proficiency in Enterprise Resource Planning (ERP/MRP) software; experience with Infor CSI9 desired, but not required
- Ability to travel commercially both domestically and internationally up to 20% of the time

Work Environment:

ADA Physical/Mental/Workplace Requirements

- Occasional lifting up to 25 lbs.
- Sitting, working at desk/personal computer for extended periods of time
- Primary work environment is both manufacturing production floor and professional corporate office

To apply for this position, please complete an [employment application](#) and send to careers@gorbel.com.

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