

Job ID: **RK100110B**
Job Title: Manufacturing Engineer
Degree Requirements: Bachelor's Degree Industrial Engineering
Years of Experience: 3 - 5
Type of Position: Direct Hire
Location: SW of Starkville, MS
Salary Range: \$55K - \$60K
Travel Required: <15%

IMMEDIATE NEED for a Manufacturing Engineer who has a Bachelor's degree in Industrial Engineering from an accredited college or university and who has a minimum of 3 years work experience as an Industrial Engineer. This is a no tobacco use facility.

The **MUST HAVE** items for this position are:

- Bachelor's degree in Industrial Engineering from an accredited college or university
- 3- 5 years work experience in a manufacturing plant as an Industrial Engineer
- LEAN Certification
- Know, understand, & have successfully used LEAN Manufacturing methodologies (Value Stream Mapping, 5 S's, etc.)
- Sound knowledge of engineering theory and design criteria
- Experience in technical computer language and applications
- Must be familiar with a variety of manufacturing processes, material selection and product testing in addition to sketching, layout and drafting work
- Have the ability to prioritize work, meet deadlines, and perform accurately
- Have the ability to lift up to 35 lbs. on a frequent basis
- Live within 30 minutes automobile travel of the plant

PLUSSES for this position are:

- Supervisory experience of degreed engineers as well as non-degreed personnel
- Experience in the production of products from flexible materials (Teflon®, vinyl, nylon, urethane, aramids, Nomex®, Kevlar®, leather, PVC, polyurethane, etc.)
- Six Sigma Certification

Reporting to the Plant Manager the **RESPONSIBILITIES** include but are not limited to:

- Assist in planning, development, design, & layout of equipment, office, & production facilities using time & motion economy principles
- Maximize work flow & space usage
- Work with others to ensure efficiency & workplace safety
- Supervise an Industrial Engineer
- Coordinate & implement Lean & Continuous Improvement activities
- Participate in initiation phase of new product lines assisting in design & process improvements for cost-effective manufacturing
- Measure variances using standard tools & techniques to identify significant variances, investigate reasons why, suggest & install solutions, & follow up
- Stay current with technology trends & investigate the most effective manufacturing methods to give the company a competitive edge at all times
- Log cost reduction activities with routine follow up
- Develop & assist with implementation of management information systems for planning and control purposes
- Continually research new materials, processes & procedures to enhance & improve product lines
- Prepare accurate cost analyses of new equipment & other capital expenditures coordinating implementation & follow through on cost justifications

- Effectively work with internal & external customers as well as vendors
- Travel to sales calls, seminars, vendors and other employer facilities as required

KEY WORDS: industrial engineer, manufacturing, custom sewn, custom sealed, custom thermoformed, medical cases, safety, outdoor, industrial, custom sewing, six sigma, 6 sigma, lean, lean manufacturing, Mississippi, MS, supervisor, flexible materials, Teflon®, vinyl, nylon, urethane, aramids, Nomex®, Kevlar®, leather, PVC, polyurethane, plant layout, Waste, Value Stream, Current State, Product Family, Future State, JiT, Just-in-time, just in time, One-piece Flow, one piece flow, Takt Time, bottlenecks, pull vs. push, monuments, Kanbans, The 5S's, work cell, TPM, Workplace Simplification, Mistake-Proofing, mistake proofing, SMED, Visual Workplace, DFA, DFM, Design for Assembly, Design for Manufacturability, Kaizen, Continuous improvement, Process Improvement, Problem-Solving Process, problem solving process, 8D process, DMAIC, Kaizen Event, FMEA, Failure Mode and Effects Analysis, QFD, Quality Function Deployment, Voice of the Customer, DOE, Design of Experiments, statistical improvement techniques, Measures, COQ, Cost of Quality, Set-Up Time, On-Time Delivery, on time delivery, Lead Time, Inventory Turns, Value Stream Mapping, clean and organize the workplace, set up reduction, Set-Up Reduction, TPM, Total Productive Maintenance, Workflow Analysis, Layouts & Work Cell Design, layout cell design, work cell design, Simulated Continuous Flow, Pull Scheduling, Kanban, Load Balancing, De-bottlenecking, debottlenecking

If you meet these requirements and wish to be considered for this position, send your résumé to us using Word 97 -2003 at Resumes@PinnaclePlacementGroup.com mentioning the **Job ID** and the **Job Title** in the subject line of your email. **In your email please provide us a short narrative detailing your experience and expertise as it applies to this position.**