JOB: INDUSTRIAL ENGINEERING TECHNICIAN (SolidWorks Tech)

Status: Full time, salaried, exempt

Location: Clinton, LA Main Office

Office Hours: Monday – Friday, 8am to 5pm

www.pactecinc.com

From a small town in Louisiana to a true global footprint, PacTec, Inc. is the leader in custom engineered packaging solutions for the transportation, construction, industrial, and waste industries. We operate multiple sales, manufacturing, and distribution locations across the world.

Our office in Clinton, LA (25 miles north of the BTR Airport) makes a commute to the Felicianas fun, with perks such as an in-house gym with shower, gourmet Jura coffee service, fishing ponds, exercise & recreational acreage, and a modern office environment.

This position qualifies for benefits, including but not limited to health, dental, vision, company-matching IRA, and employer-paid life insurance.

Equal Opportunity Employer; Veterans and persons with disabilities are encouraged to apply.

This standard procedure establishes and describes the duties, authority, responsibility and measurements of performance for the Industrial Engineering Tech. It should not be construed to be an all-encompassing list.

MAJOR ESSENTIAL FUNCTIONS:

1) Use 3D computer-aided design software (SolidWorks) to create product diagrams and manufacturing drawings using provided specifications.

2) Provide 2D .dwg or .dxf files for CNC cutting machine.

3) Create manufacturing work orders (including material cut sheets) to calculate material usage and equipment requirements to minimize waste, and estimate labor and equipment usage.

RESPONSIBILITIES & DUTIES:

Technical:

• Ensure final designs comply with customer requirements, transportation regulations, quality standards, and on-site manufacturing capabilities.

• Manage and interpret customer requirements, & convey customer requirements to product management teams

• Ongoing continuing education with regard to software and training

Cost Estimating:

• Develop the estimates and pricing within the policies and procedures established by the company and perform adjustments when needed.

• Advises and participates in cost and quality deviations from original engineered estimates on new products and will recommend solutions to the deviations.

• Prepare cost estimates based on customer requirements

Design:

• Helps in the research, development, and design of custom made products.
• Aspects of research and development including but not limited to researching market trends for new technology and researching new ideas including but not limited to:
  - Costing
  - Researching and finding new materials.
  - Designing
  - Communicating with sales reps on new developments.
• Support and implement new product and process runs

**Work Orders:**
• Provide computer-rendered diagrams
• Describe production methods step-by-step (including equipment and materials)

**Teamwork:**
• Acts in a liaison capacity between the customer, sales and manufacturing for the express purpose of verifying and validating customers expressed and implied requirements.
• Provides sales engineering by interacting with the company's customers involving design, process, estimating, cost and concepts of the projects.
• Provide product, service or equipment technical and engineering information by answering questions and requests.
• Communicate regularly with management to facilitate continuous improvement and ongoing learning.

**Manufacturing:**
• Identify potential or real time operational issues and design products to improve functionality and manufacturing efficiency.

**Sales:**
• Acts as a liaison between sales staff and customers to better understand products' proper use and application.
• Provides Sales application engineering interface with customers, provides input into the company's process parameters and capabilities and assembles all information resulting in a written proposal.
• Make technical presentations and demonstrate how a product will meet client needs.
• Help sales team with coordinating and finalization of sales projects.

**Engineering:**
• Work on development of new products and new methods of manufacturing so that they meet the established growth objectives of the company.
• Develop, implement, and evaluate procedure and process changes including design and implementation of improvement projects.
• Provide technical advice and support to resolve unusual client and/or manufacturing problems with work instructions and processing.
• Provide technical assistance to the plant in relation to process parameters and standard manufacturing methods, work instructions, processing, and sales
Quality Assurance:
- Document control
- Work with Quality personnel on various projects.
- Perform other duties as requested by the President or VP of Engineering.

REQUIREMENTS:

Education - Required: BS/BA in Engineering, Manufacturing or related field and/or Associates degree from an accredited technical or design college, or equivalent experience in a related field

Experience - Must demonstrate strong proficiency in SolidWorks 3D CAD software design. 1 year design experience required, 3+ years preferred.

Skills - Proficiency with MS Office programs (MS Excel, Word, Email, etc.). Ability to independently prioritize tasks and meet deadlines with minimal oversight. Ability to work on multiple projects simultaneously. Attention to detail. Advanced math and analytical skills.

Abilities - The use of analytical and observational skills which demonstrate an ability to plan and select methods of manufacturing, organize, budget, design and control manufacturing programs. This position must have excellent people skills and the ability to communicate well with customers and employees. Excellent "people skills" and the ability to communicate well with customers and employees.

Essential Physical Functions - The ability to fly, drive, and travel globally. The ability to sit for extended periods of time and use keyboard/mouse. The ability to oversee experimental projects in various outdoor weather environments on uneven terrain.

Apply Here: https://www.click2apply.net/k28fhzy397yg4pn3

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