



## Job Title: Manufacturing Engineer

We are currently seeking a Manufacturing Engineer to join our Team in our **Crystal, Minnesota** location.

### About Us:

**Radius Track Corporation** is the expert in curved light-gauge steel framing design and fabrication. We offer multiple solutions including prefabricated components, unitized solutions, hand-formable products and steel-bending tools. We have a passion for making attainable what may otherwise be unattainable. We do this by focusing on our niche of providing cost effective, constructable framing solutions that honor the design intent. We make challenging design ideas practical through a proven process which includes technologically advanced integrated design and fabrication processes and structurally engineered solutions.

We are a family-oriented company, where teamwork and collaboration are key to our success. We have a lot of fun while getting our work done and believe every employee is vital to the success of our company.

We are looking for someone who can share in our Company's Core Values, which are:

- Highly Skilled, Passionate Professional
- Elevate Others
- Collaboration & Creativity
- Do the Right Thing
- Customer Fanatic

### Job Summary:

Works on projects involving the location of equipment, determination of work flow, analysis of production and processing steps, planning and scheduling of production, cost reductions, and cost control problems, etc. Participates in conversion to new methods, systems, etc., to assure planned implementation. Knowledge of Lean Manufacturing concepts and tools, 6-Sigma, and other continuous improvement techniques and tools are required.

### Job Duties and Responsibilities:

*Core duties and responsibilities include the following. Other duties may be assigned.*

- **Safety**
  - Safety of all personnel will be the primary concern when attempting to evaluate, develop and improve fabrication and assembly methods, processes and procedures.
- **Process Engineering**
  - Evaluates fabrication and assembly processes by designing and conducting research programs: applying knowledge of product design, fabrication, assembly, tooling and

materials; conferring with equipment vendors; and soliciting observations and feedback from production personnel.

- Develops fabrication and assembly processes by studying product requirements: researching, designing, modifying, and testing fabrication and assembly methods and equipment; and conferring with equipment vendors.
- Improves fabrication and assembly efficiency by analyzing and planning work flow, space requirements, and equipment layout.
- Assures product and process quality by designing testing methods; testing finished product and process capabilities; establishing standard; and confirming fabrication and assembly processes.
- Confers with design and project management staff concerning product design and tooling to ensure efficient production methods. Creates production and assembly instructions for new products to be manufactured. Acts as primary conduit between design and production.
- Design and coordinate the build or purchase of appropriate fixtures necessary for efficient and cost-effective fabrication and assembly.
- Studies and records time, motion, methods and speed involved in performance of fabrication and assembly operations to establish standard production rates and to improve efficiencies.
- Keeps equipment operational by coordinating maintenance and repair services.
- **Continuous Improvement/LEAN Coordinator**
  - Coordinates the implementation of LEAN/6 Sigma and 5S initiatives, with a focus on fabrication and assembly, but also to include the office areas.
  - Educates employees on principles of continuous improvement and problem solving techniques.
  - Investigates cost control issues by project and considers corrective action and best practices to apply to future projects.
  - Identifies cost reduction opportunities, prioritizes them, develops actions plans, executes and implements improvements.
  - Regularly report to management and staff on LEAN/6 Sigma/5S initiatives and results.
- **Production Planner**
  - Plans and develops the master production schedule for fabrication and assembly to meet customer delivery dates and/or achieve inventory levels.
  - Utilizes knowledge of customer need/specifications, fabrication and assembly processes, materials availability, and application of planning tools to develop plan.



- Monitors status of production results, promptly informs project management/inside sales of production issues that may impact on-time shipment, and reports on results against plan.
- Provides manufacturing decision making information by calculating production and assembly labor and material costs, reviewing production schedules, and estimating future requirements.

## **Job Requirements**

### ***Education and Experience:***

- Bachelor's degree (BS/BA) in industrial/manufacturing engineering or equivalent
- 3-5 years relevant work experience preferred

### ***Required Abilities and Skills:***

#### **Language Skills**

Ability to:

- Read, analyze, and interpret common industrial, manufacturing and technical procedures, professional journals, schematics, diagrams, drawings, and blueprints.
- Write reports, business correspondence, assembly instructions and procedural manuals.
- Respond to common inquiries or complaints from customers, regulatory agencies, or other members of the manufacturing community.
- Speak effectively before groups of customers or company employees.

#### **Mathematical Skills**

Ability to:

- Apply advanced mathematical concepts such as exponents, logarithms, quadratic equations and permutations.
- Apply mathematical operations to theoretical and practical manufacturing and industrial situations.

#### **Computer Skills**

- Ability to use a personal computer, email and the internet, and have a working knowledge of the following applications: word processor, spreadsheet, database, computer-assisted design or draw program, and publishing program.

#### **Reasoning Ability**

Ability to:

- Define manufacturing problems, collect data, establish facts, and draw valid conclusions.
- Interpret an extensive variety of technical instructions in mathematical or diagram form that include several abstract and concrete variables.



### **Competencies:**

- **Problem Solving:** Must be a quick learner. Identifies and resolves problems in a timely fashion. Works well in a group problem solving environment.
- **Attitude:** Must have a great attitude and puts the success of the company/team above own interests.
- **Teamwork:** Imperative to be able to get along with co-workers. Balances team and individual responsibilities. Exhibits objectivity and openness to others' views. Gives and welcomes feedback. Contributes to building a positive team spirit. Supports everyone's efforts to succeed.
- **Quality Management:** Looks for ways to improve and promote quality. Demonstrates accuracy and thoroughness.
- **Project Management:** Ability to manage multiple projects simultaneously.
- **Productivity:** Meets productivity standards. Completes work in a timely manner. Strives to increase productivity. Works quickly.
- **Continuous Improvement/LEAN/Six Sigma/5S** knowledge and use of associated tools and procedures.

### **Compensation and Benefits:**

- Competitive market-based salary, commensurate with experience and education
- Comprehensive benefits package available

### **To Apply:**

Please submit your cover letter and resume to [bob@radiustrack.com](mailto:bob@radiustrack.com)

*We are an Equal Opportunity Employer!*