



#### **ABOUT OUR OPPORTUNITY:**

We have an exciting opportunity to join our Operations Team! We're looking for a **Manufacturing Engineer** that will participate in lean initiatives, automation projects and process improvements.

The Manufacturing Engineer will perform vital functions in creating, finding and evaluating, better and more efficient ways to manufacture our products, involving techniques, processes and procedures. The primary focus is to turn raw materials into a new or updated product in the most economic, efficient and effective way possible. This position requires a broad knowledge of equipment and tools and the ability to effect change through influence. Must also be hands-on, interact with the shop floor personnel and with engineering and manufacturing groups to develop solutions to production problems relating to materials, processes and tooling.

#### **RESPONSIBILITIES:**

- Review existing drawings or create blue print drawings from specifications, instructions or description of what function components will serve or provide drawing of already existing component with any necessary adjustments for customization.
- Provide approved drawing and creates work order to Production Control and follows through as necessary to assure quality standards are being met and makes adjustments as needed.
- Apply continuous improvement methods such as lean manufacturing to enhance manufacturing quality, reliability, or cost-effectiveness. Identify opportunities or implement changes to improve products or reduce costs using knowledge of fabrication processes, tooling and production equipment, assembly methods, quality control standards or product design, materials and parts.
- Analyze what raw materials and/or existing components/tools are required to produce part, determine in-house shop availability of necessary tools or determine best option to obtain tool.
- Provide prices of all tools, components and raw materials and expected date of receipt from vendors for quoting prices and delivery to customers as well as for scheduling of production.
- Generate Bill of Materials and Work Orders for production control and Purchase Order to assure correct materials and scheduling. Also handles complaints and provides solutions as it relates to the above processes.

#### **REQUIREMENTS, EDUCATION AND EXPERIENCE:**

- Bachelor degree in Engineering, BSME or BASc in Manufacturing.
- Recent experience of 5+ Years in a machining manufacturing environment, including CNC lathes and machining operation, with tool and/or machine design.
- Knowledge of mechanical and machining manufacturing processes, including assembly and testing.
- Strong drafting skills and be able to visualize and comprehend all aspects of a manufacturing equipment or tooling problem.
- Experience with SolidWorks/CAD, Visual computer applications and Microsoft Office.
- Excellent verbal and written communication skills.
- Must be able to pass a background check and drug test.