

## **CNC Lathe / Mill Machine Programmer and Operator**

### **Job Summary:**

We are a leading provider of engineering, machining, and assembly services. We are proud to offer innovative solutions for the Oil & Gas, Petro-chemical, domestic, and global markets. With an average of 15 years length of service, our professionals provide highly specialized services that exceed customer expectations for every part of the process.

Our machine shop is currently hiring a CNC Lathe / Mill Machine Programmer and Operator. We are seeking someone with superior work ethic, positive attitude, and strong technical aptitude who wants to be part of a dynamic team and understands what it takes to exceed the customer's expectations. This position is ideal for a detail-oriented person with strong organizational abilities.

### **Requirements:**

- Read and understand engineering drawings and blueprints.
- Propose, develop, verify, and approve machining processes to machine parts per blueprint.
- Proficiency in understanding and interpreting of the Geometric Dimensioning and Tolerancing system (GD&T).
- Knowledge of basic 3D computer modelling and capability to open, review and manipulate 3D electronic math data in various formats - STEP, IGES, Parasolid, Catia, etc.
- Efficiently write programs on 3, 4 & 5 axis machines in the language of the machine's controller using Mastercam.
- Ability to communicate with machine controller and upload post processed programs.
- Solid knowledge of various machining processes with focus on advanced turning and 3D milling processes.
- Set up 3, 4 and 5-axis lathe and milling machines.
- Monitor CNC processes and implement proactive solutions (machine parameters, process improvements, line flow, quality, efficiency).
- Troubleshoot and resolve manufacturing process issues (fixtures, machine, tooling, etc.)
- Experience with post machining processes like deburring, basic polishing, etc.
- Capability to machine, inspect and deliver parts in a timely manner.
- High proficiency in using various types of measuring instruments and equipment.
- Use knowledge to setup metal working processes; work holding fixtures, process steps, equipment, and tooling selection.
- Good knowledge of various material machining properties from carbon steel and aluminum to more exotic materials like Inconel and Monel etc.

- Design and manufacture part holding fixtures for High Mix - Low Volume production.
- Minimum of 3 years of experience in machining, programing, and utilizing all the above skills in a manufacturing environment.
- Ability to prioritize tasks and able to work well unsupervised.
- Work with and provide feedback to various departments and customers.
- Work well in team situations.
- Perform other duties as required.

**Work Environment/Physical Demands:**

- Frequently stand and walk to move around office/shop repeatedly throughout the day;
- Ability to lift and move up to 50 lbs;
- Exposure to the manufacturing areas that require the use of personal protective equipment such as safety glasses and hearing protection;
- Forklift experience is desirable;
- Fluency in English, both spoken and written.

**Benefits:**

- Company subsidized health care, dental and vision;
- Long and short-term disability, basic term life insurance and personal accident insurance;
- 401(k) with employer match (available after probationary period);
- 14 days paid time off and public holidays.

We offer a competitive salary, negotiable based on experience.

We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law.