

Job Description

Toledo Metal Spinning Company is looking for a responsible, trained Machinist with experience and knowledge. We are an 87 year old family owned manufacturing company that has built the business on a reputation of quality and exceptional customer service. TMS forms metal by metal spinning, stamping, deep drawing, machining, welding and shearing.

Basic Function and Scope of Responsibilities:

The machinist will be responsible for operating machine tools to produce precision metal parts. You will be required to produce small batches or large quantities of metal parts while ensuring products meet precise specifications.

Essential Functions:

Overview

- Operate CNC machines such as lathes, milling machines and grinders to produce metal parts.

Use of Blueprints & Technical Specifications

- Review electronic or written blueprints and specifications for a job.
- Check accuracy of work against blueprints & specifications.

Use of Materials & Operations

- Shape steel, aluminum, titanium, plastic, silicon and other materials.
- Select tools & materials for the job.
- Determine how much material to remove.
- Determine how fast or slow work-piece is fed into machine.
- Position work-piece on the drill press, lathe or milling machine.

Cutting

- Plan the sequence of cutting and finishing operations.
- Determine how automated equipment will cut a part
- Determine cutting path
- Calculate where to cut or bore.
- Mark the work-piece to show where cuts should be made.
- Adjust cutting speed to compensate for harmonic vibrations
- Monitor the accuracy of cuts
- Replace dull cutting tools

Use of Machinery

- Must be able to use manual and computer-controlled machinery

- Concert path, speed and feed information into set of instructions for machine tool
- Monitor and control feed rate and speed
- Write basic programs
- Modify programs in response to problems
- Must have knowledge of MasterCam Programming

Quality Assurance & Safety

- Ensure work-piece is properly lubricated/cooled
- Regulate temperature of work-piece
- Detect problems by listening for specific sounds

Education Requirements:

- Required: High School Diploma or GED.
- Preferred: Vocational School or equivalent experience (2 to 3 years).

Training, Skills, Knowledge and/or Experience: List specific examples, denoting (R) if required or (P) if preferred

- (R) Knowledge of MasterCam programming and writing basic programs
- (R) Intermediate math skills- algebra, geometry and trigonometry.
- (R) Advanced measurement skills. – Vernier calipers, micrometers
- (R) Read, interpret technical drawings and standards. – ability to read/understand part prints
- (R) Interpret, and document QC standards, and applications required as a part of the operation.
- (R) Knowledge and application of fixtures.
- (R) Knowledge of production processes, and material.
- (R) Strong mechanical abilities and craftsmanship.
- (P) Strong communication abilities.
- (P) Critical thinking abilities.
- (R) Ability to monitor multiple machines at same time.
- (R) Ability to produce parts within tolerances.
- (R) Ability to measure, cut, or work on items with great accuracy.
- (R) PPE.
- (R) Lock out tag out.
- (R) Ability to produce at rate – production output
- (R) 5S – Maintain organized, clean workplace
- (P) Forklift certified.

Job Type: Full-time

Required education:

- High school or equivalent