

CNC EDM and Mill Machinist

Job Title:	CNC EDM and Mill Machinist	FLSA Status:	Non-exempt
Department:	Engineering	Reports To:	Tooling and Engineering Manager
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Approved By:		Approved Date:	

Summary

Design and develop programs for CNC Wire EDM and mill machines. Set-up, check programs, operate and adjust computer numerically controlled machine tool equipment to perform a complex series of progressive machining operations to meet precise tolerance and finish requirements. Understand program format, work from detailed and involved part drawings and specifications defining and coding tooling, fixturing, machine arrangements. Recognize, report and correct errors. Recommend tooling applications and operational sequence to assist in developing practical programming for new and unusual machining requirements. Set-up for and instruct Machine Operators of lower classification.

Requires a broad knowledge of machining techniques and familiarity with computer numerically controlled (CNC) machine tool operating procedures. Setups involve familiarity with and understanding of program formats involving combinations of operations such as profile and contour milling, boring, recessing, turning, drilling, threading, fixturing, etc., to the capacity of the machine and control factor. Perform advanced setup operations, adjust and check out programming and operate numerically controlled machine tools to perform a complex series of progressive machining operations on a diversified line of work to close and exacting tolerances and finish specifications requiring a high degree of skill.

Job Duties and Responsibilities

1. Manage a workflow schedule that is in-line with report requirements.
2. Responsible for all programming, setup, and operation of EDM and Mill machines
3. Use CAD created drawings & CAD files for programming.
4. Ensure Mastercam Mill Level 3 and Esprit Software is current and running at optimum performance.
5. Ensure all CNC programs are best practice for the given component.
6. Work with Fabrication Manager on scheduling production machining.
7. Perform quality assurance checks on components.

Additional Job Duties and Responsibilities

8. Provide tooling maintenance support.
9. Suggest and implement best practice methods, cost savings ideas & equipment improvements.
10. Maintain proper file management for all programs.
11. Ensure machines are properly maintained and running at optimum performance.

General Duties and Responsibilities

- Report to work as scheduled.
- Participate in continuous improvement projects.
- Maintain a positive and safe working environment for all employees.
- Conduct self and perform assigned work in a safe manner, following approved safety procedures at all times.
- Report immediately to supervisor/lead/manager any and all problems, which may affect safety, equipment, tooling, part quality or the effectiveness of the Quality Management System.
- Maintain a neat and orderly work area at all times.
- Other duties as assigned by supervisor.

Education and/or Experience

- High School Diploma or GED
- 2 Year Machine Tool or Tool & Die Certificate preferred
- Minimum 5 years CNC experience preferably in a Tool & Die environment
- Minimum 2 years programming experience preferably with MasterCam and/or Esprit

Qualifications

Core Values

- Exemplify Rotation Engineering Core Values:
 - a. **Integrity:** *We have strong moral principles which drive us to “do the right thing” for our customers and one another.*
 - b. **Above and Beyond:** *We are motivated and committed to doing not just what is required, but what is needed. We strive to exceed expectations!*
 - c. **Customer-Driven:** *We think like our customer and make decisions with their satisfaction being the goal.*
 - d. **Attitude is Everything:** *We use an enthusiastic and energetic approach to meet challenges with a willing and positive attitude. “Let’s do it!”*
 - e. **Team First:** *We work together for the betterment of the company, respecting each other’s roles and abilities while always doing our individual best for the collaborative success of the team.*

Knowledge, Skills and Abilities

- Knowledge:
 - Read blueprints with GD&T
- Skills
 - Communicate in person, by phone, email, and teleconferencing
- Abilities
 - Have excellent follow-through skills
 - Follow verbal and written procedures and work instructions
 - Organization and attention to detail
 - Tool debug process using analytical process to identify root cause

Physical Demands

- *Lift 35 pounds repetitively*
- *Operate in fast paced environment*
- *Use of ladder to pick parts for shipment*

While performing the duties of this job, the employee is frequently required to sit; talk and hear; and use hands to handle or touch objects or controls. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

Work Environment

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Employee Acknowledgment _____ Date: _____

The above statements reflect the general details necessary to describe the principle functions of the occupation described and shall not be construed as a detailed description of all the work requirements that may be inherent in the occupation.