

CNC Machinist Job Description

Responsible for setting up and operating multi-axis CNC machines and programs to make specified high quality manufactured parts according to customer specifications. Machinists are expected to adhere all safety and quality policies of Drilling Tools International, Inc.

Education:

- High school diploma or general education degree (GED) required, additional education or direct, relevant experience.

Experience:

- 5+ year of machining experience preferred
- Familiarity of API threads
- Previous QC inspection and tool measurement experience preferred

Qualifications:

- Valid driver's license required.
- Proficiency with Okuma Multus B400 Lathe and Okuma Multus 750 Lathe required.
- Proficiency with Okuma MU 500 Mill.
- Proficiency with inspection tools, such as calipers, micrometer.
- Advanced proficiency in G and M code.
- Ability to become a certified Forklift Operator and maintain safely status.
- Proficiency in CAD/CAM Software.

Key Responsibilities/ Essential Functions of the Position:

- Operate and program CNC machines (mills, lathes, grinders) to produce high-precision parts and components.
- Lead the setup and calibration of CNC machines, including advanced programming and tool management.
- Interpret and create detailed engineering drawings, blueprints, and specifications.
- Perform advanced inspections and utilize high-precision measuring instruments to ensure product quality.
- Troubleshoot complex machine issues, implement process improvements, and conduct preventive maintenance.
- Mentor and train junior machinists, providing guidance on machining techniques and best practices.
- Maintain a clean, organized work area and enforce safety standards.
- Empty chip bins using forklift and perform general shop housekeeping, as needed.
- Other duties as assigned

Physical Demands:

	Never 0%	Occas. 33% of time	Freq. 45-66% of time	Contin. 67-100% of time
LIFT/CARRY				
1 to 10 lbs	☐	☐	☐	☒
11 to 25 lbs	☐	☒	☐	☐
26 to 50 lbs	☐	☒	☐	☐
51 to 75 lbs	☒	☐	☐	☐
76 to 100 lbs.	☒	☐	☐	☐

PUSH/PULL				
1 to 10 lbs	☐	☐	☐	☒
11 to 20 lbs	☐	☒	☐	☐
21 to 50 lbs	☐	☒	☐	☐
51 to 75 lbs	☒	☐	☐	☐
76 to 100 lbs.	☒	☐	☐	☐

MOVEMENT				
Bend/Stoop/Twist	☐	☒	☐	☐
Squat	☐	☒	☐	☐
Kneel/Crawl	☒	☐	☐	☐
Reach Above Shoulders	☐	☒	☐	☐
Reach Below Shoulders	☐	☒	☐	☐
Repetitive Arm Use	☐	☒	☐	☐
Repetitive Wrist Use	☐	☒	☐	☐
Repetitive Hand Use	☐	☐	☐	☒
A) Grasping	☐	☒	☐	☐
B) Squeezing	☐	☒	☐	☐
Climb Stairs/Ladders	☐	☒	☐	☐
Uneven Walking Surfaces	☒	☐	☐	☐
Even Walking Surfaces	☐	☐	☐	☒

	Never 0%	Occas. 33% of time	Freq. 45-66% of time	Contin. 67-100% of time
EQUIPMENT USE & OPERATION				
Motor Vehicles	☐	☐	☐	☒
Operate Foot Pedals	☐	☐	☐	☒

WORK WITH/NEAR				
Machinery	☐	☐	☐	☒
Electricity	☐	☒	☐	☐
Power Tools	☐	☐	☐	☒
Impact Tools	☐	☒	☐	☐
Chemicals	☐	☐	☒	☐
Fumes	☐	☒	☒	☐
Heights	☐	☒	☐	☐

ENVIRONMENT				
Indoors	☐	☐	☐	☒
Outdoors	☐	☒	☐	☐
Extreme Heat	☐	☒	☐	☐
Extreme Cold	☐	☒	☐	☐
Dusty	☐	☒	☐	☐
Excessive Noise	☐	☐	☐	☒
Other (Explain)	☐	☐	☐	☐

ENDURANCE		
Task	Hours at One Time	Total Hours in 8 Hr. day
Sit	4	7-8
Stand	Less than 2	Less than 4
Walk	Less than 1.5	Less than 4

VISION REQUIREMENTS	
Depth Perception	☐
Less than 20 inches	☒
Color Vision	☒
Peripheral Vision	☒

Work Environment:

The employee is occasionally exposed to extreme outside temperatures and Industrial hygiene regulated activities identified as potentially actionable according to OSHA standards. Including Hearing Conservation, Respiratory Protection and HAZCOM programs. Procedures are developed at each facility to minimize all risks and hazards through control measures.



This job description is a product of Drilling Tools International and is not intended to list all of the requirements of the job. Some unexpected events may cause changes in normal routine and therefore job duties.

Employee Signature _____

Print Name _____

Date _____