

Job Title: **LEVEL 5-MACHINIST**

**SUMMARY**

Fabricates component parts using standard machine tools and equipment.

**ESSENTIAL FUNCTIONS**

- Responds in a timely manner to provide repair parts in machine breakdown situations.
- Fabricates parts to replenish storeroom inventories.
- Works with designers and engineers on part design, modification and fabrication.
- Responsible for maintaining clear and accurate communication while working in close cooperation with all team members.
- Responsible for maintaining housekeeping, sanitation, GMP and PPE requirements.
- Responsible for working safely while completing all assigned tasks and for reporting any observed unsafe acts and conditions.
- These work instructions may change as equipment operations change.
- Maintains satisfactory attendance, to include timeliness.
- Responsible for understanding and complying with applicable quality, environmental and safety regulatory consideration.
- This job description reflects management's assignment of essential functions; it does not prescribe or restrict the tasks that may be assigned.

**SUPERVISORY RESPONSIBILITIES**

N/A

**QUALIFICATIONS**

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill and ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

**MINIMUM QUALIFICATIONS**

- High school diploma or State-issued equivalency certificate plus 5 years of work experience as a Machinist.
- Required to be at least 18 years of age.
- Required to work within tolerances of +/- .001.
- Required to lift and move up to 50 pounds.
- Required to stand or walk up to 90% of the workday.
  
- Required to provide the following tools:
  - Lockable, roll-around tool box
  - 1 pair of slip joint pliers (channel locks)
  - 1 hacksaw

- 1 pair long nose pliers - insulated
- 1 pair diagonal pliers or side cutters - insulated
- 1 set of thickness gauges or feeler gauges
- 1 set of straight screwdrivers – insulated, 3 different standard sizes
- 1 set of Phillips screwdrivers – insulated, 3 different standard sizes
- 1 set of 6 open end wrenches to 1 1/8”
- 1 set of 6 box end wrenches to 1 1/8”
- 1 set each of 11 Allen wrenches (metric and standard) up to 1/2 inch (13mm)
- 1 small (12 oz) ball peen hammer.
- 1 complete set of drill bits 1/16” to 1/2”
- 1 set of taps 6/32” to 1/2" (tap handle)
- Level - 6” minimum
- 1 square 12” long or combination square
- 1 6” scale or rule
- 1 12’+ steel measuring tape
- 1 8” adjustable jaw/crescent wrench
- 1 10” or 12” adjustable jaw/crescent wrench
- 1 soft hammer (brass or leather)
- 1 rubber/dead blow mallet
- 1 set of punches and chisels (Taper, drift 1/8”, 5/32”, 3/16”, 1/4” and center punch)
- 1 pry bar
- 1 scribe
- 1 set of files (flat, smooth and bastard / round 3/8”, square 1/2”, triangle 3/8”)
- 1 flashlight
- Micrometer Set – 0 to 1”, 1 to 2”, 2 to 3”
- 6” Caliper
- 12” Caliper
- Finger type indicator
- 1” travel indicator
- Depth Micrometer – 0” to 3”
- Telescoping Gauges
- Edge Finder
- Tap handle for number Taps
- Precision Square
- Mill Stop
- Parallels
- Calculator
- Thread Gauge
- Indicator – Magnetic Base
- Deburring Tool

## PREFERRED QUALIFICATIONS

- Experience using machinist tools, micrometers, dial-indicators and calipers.

- Experience fabricating components from blueprints, scaled drawings, sketches or physical samples.
- Skilled at measuring physical components and creating scaled dimensional drawings suitable for use in fabrication.
- Experience with setting-up, operating and maintaining all types of machine shop equipment including lathes, milling machines, drill presses and surface grinders.
- Experience as a CNC Machinist.
- Experience Programming CNC Machines.
- Experience with CMM devices.
- Experience using 3D CAD and CAM.

## PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job the employee may be required to:

- Lift and move up to 50 pounds.
- Stand or walk up to 90% of the workday.

## 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.

While performing the duties of this job, the employee is frequently exposed to the following:

- Exposure to slippery or uneven walking surfaces.
- Exposure to dust, fumes.
- The primary working surface is concrete.
- Outdoor temperatures fluctuate from winter to summer between 30-105 degrees.
- Walking on wet surface.