

AESSEAL INC

CNC Machinist – 9 Axis

Department: Machining

Job Status: Full Time

FLSA Status: Non-Exempt

Reports To: Manufacturing, Supply Chain & IT Manager

Amount of Travel Required: None

Positions Supervised: None

Work Schedule: This full time position will be second shift operating on Friday - Sunday from 6:00am to 6:00pm; or a schedule of four (4) 10 hour days Monday – Thursday.

POSITION SUMMARY

To follow prints and specifications to set up machines such as lathes, millers, drilling machines, etc., and to operate said machines for precision work.

EDUCATION

- Graduate of technical school preferred

EXPERIENCE

- At least 5 years' experience as a fully qualified Machinist, experience with 9-axis preferred
- At least 5 years' experience multi axis machining or 3 or 4 axis CNC milling
- At least 5 years' experience operating 2 or 3 axis CNC lathes

RESPONSIBILITIES

- Manufacture of components to AESSEAL drawings in standard 316 SS and a full range of exotic alloy materials.
- Must be able to work to tight deadlines in a pressurized working environment.
- Verifying and editing CAM programs in order to ensure components are manufactured to the desired quality standards.
- Interpret complex engineering drawings and geometric tolerances.
- Perform quality checks as per AESSEAL procedures using measuring equipment and/or CMM.
- Strictly adhere to safe working practices and highlight any potential hazards to relevant team leaders.
- Maintaining a clean work area.
- Optimize cycle times
- Assist in design of jigs, fixtures, and work holding.
- Works from prints or drawings to produce a variety of items.
- Familiar with and follows all relevant Health & Safety, Management of Risk, Operational, and personnel policies and procedures.
- Produces precision items beyond the capabilities of production machine operators.
- Follows lockout-tagout procedures when machines must be shut down for repair.
- Maintains the work area and equipment in a clean orderly condition and follows prescribed safety regulations.
- Performs prescribed preventative maintenance on machines as required per the P.M. charts.
- Must be able to successfully perform the following tasks: milling, turning, drilling, taping, de-burning, bench operations, and inspection.
- Must be willing to accept and receive frequent supervision and assistance with regard to machine set-up.
- Reads and interprets blueprints to plan setup and operation of all types of machine tools.
- Plans setup and operates typical machine shop tools, producing parts to tolerances and company specifications.
- Clean up sweepings of machine tool operation scrap and places in trash bin.

- Responsible for loading parts, proving tapes, operating controls, setting offsets, simple edits, and inspection of quality parts to meet requirements.
- Studies and interprets drawings, manuals, specifications or sample parts to determine dimensions and tolerances of finished work pieces, sequence of operations and setup requirements.
- Detects equipment malfunctions or out of tolerance machining and adjusts machines, within capabilities, controls or control media as required to insure quality of production.
- Communicates with supervisor for assignments and to resolve machining or quality issues.
- Other ad hoc duties as assigned.

KNOWLEDGE / SKILLS / ABILITIES

- Must be able to operate all common machine shop equipment and hand tools skillfully.
- Familiar with basic machine functions
- Successfully read and interpret blueprints
- Intermediate knowledge and application of precision measuring instruments. Including but not limited to: calipers, ID and OD micrometers, depth gages, indicators, and scales.
- Understanding of geometric tolerance and dimensions.
- Knowledge of tool holders, cutting tools, boring bars, fixtures, inserts and other accessories used on various machines.
- Able to adapt in a changing work environment.
- Possess basic math skills to include but not limited to the following: addition, subtraction, multiplication, division, geometry and algebra for the purpose of calculating material fabrication.
- Able to follow instructions
- Self-Starter
- High attention to detail

PHYSICAL DEMANDS

- This position works in an open office environment where teamwork is emphasized. As such, regular attendance in the office is an essential function of the role.
- Other essential functions include:
 - Oral Comprehension: The ability to listen to and understand information and ideas presented through spoken words and sentences.
 - Oral Expression: The ability to communicate information and ideas in speaking so others will understand.
 - Speech Clarity: The ability to speak clearly so others can understand you.
 - Speech Recognition: The ability to identify and understand the speech of another person.
 - Near Vision: The ability to see details at close range (within a few feet of the observer)

Physical Demands

Stand	O (Occasionally)	Lift/Carry 10 lbs or less	O (Occasionally)
Walk	O (Occasionally)	11-20 lbs	O (Occasionally)
Sit	C (Constantly)	21-35 lbs	O (Occasionally)
Reach Outward	F (Frequently)	36-100 lbs	N (Not Applicable)
Reach Above Shoulder	N (Not Applicable)	Over 100 lbs	N (Not Applicable)
Climb	N (Not Applicable)	Push/Pull	
Crawl	N (Not Applicable)	12 lbs or less	O (Occasionally)
Squat or Kneel	N (Not Applicable)	13-25 lbs	O (Occasionally)
Bend	O (Occasionally)	26-35 lbs	O (Occasionally)
		36-100 lbs	N (Not Applicable)

N (Not Applicable)
O (Occasionally)

Activity is not applicable to this occupation.
Occupation requires this activity up to 33% of the time (0 - 2.5+ hrs/day)

F (Frequently)
C (Constantly)

Occupation requires this activity from 33% - 66% of the time (2.5 - 5.5+ hrs/day)
Occupation requires this activity more than 66% of the time (5.5+ hrs/day)

Prepared by: _____ Date: _____

Approval Signature: _____ Date: _____

Employee Signature: _____ Date: _____

This job description indicates in general the nature and levels of work, knowledge, skills, abilities and other essential functions (as covered under the Americans with Disabilities Act) expected of an incumbent. It is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities required of an incumbent. An incumbent may be asked to perform other duties as required. This document does not represent a contract of employment, and the Company reserves the right to change this job description and/or assign tasks for the employee to perform, as the Company may deem appropriate.