AUBURN
Human Resources

Sr Machinist

Job Description

JOB INFORMATION

Job Code	AD85
Job Description Title	Sr Machinist
Pay Grade	ST13
Range Minimum	$46,260
33rd %	$55,510
Range Midpoint	$60,140
67th %	$64,770
Range Maximum	$74,020
Exemption Status	Non-Exempt
Approved Date:	1/1/1900 12:00:00 AM

JOB FAMILY AND FUNCTION

Job Family:	Production & Skilled Trades
Job Function:	Construction

JOB SUMMARY

Under limited supervision, sets up and operates a variety of machines, and equipment. This combines elements of mechanical design, technical drawings, mathematics, and computer aided machining (CAM).

RESPONSIBILITIES

- Safely uses all manual metrology tools. Leads manual metrology workshops including a discussion on Geometric Dimensioning and Tolerancing.
- Troubleshoots CNC (Computer Numerically Controlled) G Code problems as they are encountered and fix them.
- Creates complex engineering drawings from scratch or with customer input. Reviews and corrects customer drawings as necessary to produce CNC programs.
- Reviews and detects errors in engineering drawings.
- Programs 5 axis CNC machines.
- Maintains national certification in principles and legal requirements for OSHA Machining Safety, Safety Data Sheets, Lock Out Tag Out (LOTO), and Electrical Safety. Complies these standards professionally in the facility.
- Performs all duties of a level I Machinist.
- Teaches all Auburn University Level 1 and Level 2 skills to other operators and students in Industry and at the university.
- Supervises safety of undergraduate and graduate students on the production/shop floor.

The responsibilities listed above show the typical duties for jobs in this classification. Actual tasks may differ depending on the department's needs. Other similar duties may be assigned with discretion of the supervisor. Not every duty will apply to every position, and the amount of time spent on each task can change based on department needs.

SUPERVISORY RESPONSIBILITIES

Supervisory Responsibility	May be responsible for training, assisting or assigning tasks to others. May provide input to performance reviews of other employees.

MINIMUM QUALIFICATIONS

To be eligible, an individual must meet all minimum requirements which are representative of the knowledge, skills, and abilities typically expected to be successful in the role. For education and experience, minimum

requirements are listed on the top row below. If substitutions are available, they will be listed on subsequent rows and may only to be utilized when the candidate does not meet the minimum requirements.

MINIMUM EDUCATION & EXPERIENCE

Education Level	Focus of Education		Years of Experience	Focus of Experience	
Associate's Degree	A.S in Advanced Manufacturing, Machining or Computer Numerical Control (CNC) Machining	and	2 years of	Advanced Manufacturing, Machining or Computer Numerical Control (CNC) Machining	

MINIMUM KNOWLEDGE, SKILLS, & ABILITIES

Knowledge of basic machining concepts.	

MINIMUM LICENSES & CERTIFICATIONS

Licenses/Certifications	Licenses/Certification Details	Time Frame	Required/ Desired	
	NIMS Certification in Milling 1		Required	And
	NIMS Certification in Turning 1 and 2		Required	And
	Qualified as CNC 5 axis Operator		Required	And
	Qualified as an Electrostatic Discharge Machine Operator		Required	
	NIMS Certification in Diemaking I		Desired	
	NIMS Certification in Moldmaking Level I		Desired	
	NIMS I 4.0 Smart Maintenance Specialist		Desired	
	NIMS I 4.0 Smart Production Specialist		Desired	
	Must be eligible to obtain a security clearance.			

PHYSICAL DEMANDS & WORKING CONDITIONS

Physical Demands Category:	Labor & Trades

PHYSICAL DEMANDS

Physical Demand	Never	Rarely	Occasionally	Frequently	Constantly	Weight
Standing					X	
Walking					X	
Sitting		X				
Lifting				X		
Climbing			X			
Stooping/ Kneeling/ Crouching				X		
Reaching				X		
Talking					X	
Hearing					X	

PHYSICAL DEMANDS

Physical Demand	Never	Rarely	Occasionally	Frequently	Constantly	Weight
Repetitive Motions					X	
Eye/Hand/Foot Coordination					X	

WORKING ENVIRONMENT

Working Condition	Never	Rarely	Occasionally	Frequently	Constantly
Extreme temperatures				X	
Hazards					X
Wet and/or humid			X		
Noise					X
Chemical			X		
Dusts			X		
Poor ventilation			X		

Vision Requirements:

Ability to see information in print and/or electronically and distinguish colors.

Additional Special Requirements:

Routine deadlines; usually sufficient lead time; variance in work volume seasonal and predictable; priorities can be anticipated; some interruptions are present; involves occasional exposure to demands and pressures from persons other than immediate supervisor.