



**JOB INFORMATION**

Job Code	AD85
Job Description Title	Sr. Machinist
Pay Grade	ST13
Range Minimum	\$43,610
33rd %	\$52,330
Range Midpoint	\$56,690
67th %	\$61,050
Range Maximum	\$69,780
Exemption Status	Non-Exempt
Approved Date:	1/1/1900 12:00:00 AM

**JOB FAMILY AND FUNCTION**

Job Family:	Facilities, Maintenance, & Operations
Job Function:	Facilities & Land Maintenance

**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.
- Performs other related duties as assigned.

**SUPERVISORY RESPONSIBILITIES**

Supervisory Responsibility	May be responsible for training, assisting or assigning tasks to others. May provide input to performance reviews of other employees.
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**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 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	within 1 Year	Required	And
	NIMS Certification in Turning 1 and 2	within 1 Year	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	

## REQUIRED PRE-EMPLOYMENT SCREENINGS

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	
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.