

# *Trinity Precision, Inc.*

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## **POSITION DESCRIPTION**

### **POSITION TITLE**

Machinist (Full Time or Part Time, Non-Exempt)

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### **ROLE**

Sets up and operates conventional, special purpose, and CNC machines and machining centers to machine aircraft parts.

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### **ESSENTIAL FUNCTIONS**

Studies blueprints, sketches, sequence of operations, and set up requirements

Selects, aligns, and secures holding fixtures, cutting tools, attachments, accessories, and materials on machines as necessary to machine parts as required

Calculates and sets controls to regulate machining factors such as speed, feed, coolant flow, and depth and angle of cut, or enters commands to retrieve, input, or edit computerized machine control media according to established guidelines and procedures

Starts and observes machine operation to detect malfunctions or out of tolerance machining, and adjusts machine controls or control media as required

Verifies conformance of finished work-piece to specifications, using measuring and inspection tools as necessary

Sets up and operates machine on trial run to verify accuracy of machine settings or programmed control data

Wears safety glasses at all times and hearing protection as needed

Confers with production personnel, programmers, or others to resolve machining or assembly problems

Contributes to team effort by accomplishing related assigned tasks as needed

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### **QUALIFICATIONS**

**EDUCATION/CERTIFICATION:** High School Diploma or GED preferred

**REQUIRED KNOWLEDGE:** Knowledge of blueprints and CNC machines

**EXPERIENCE REQUIRED:** One year related experience including blueprint reading and/or training;

or equivalent combination of education and experience

**SKILLS/ABILITIES:** Mechanical/Technical, Blueprint, Problem Solving, Organization, Analytical, Interpersonal, Communication, and Computer Skills

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## **PHYSICAL ACTIVITIES AND REQUIREMENTS OF THIS POSITION**

**TALKING:** Ability to speak effectively and communicate clearly

**AVERAGE HEARING:** Ability to hear average conversations at a standard level in an office environment and noisy shop

**REPETITIVE MOTION:** The employee is regularly required to repeat assembly motions throughout the day (60% of day is repetitive motion)

**FINGER DEXTERITY:** The employee is regularly required to use hands for grinding and writing

**AVERAGE VISION:** Specific vision abilities required by this job include close vision, color vision, peripheral vision, depth perception and ability to adjust focus with 20/20 vision (with or without the assistance of eye glasses/contacts)

**PHYSICAL STRENGTH:** The employee must occasionally lift and/or move up to 50 pounds (unassisted) as well as stand, sit, bend, kneel, squat, and walk for long periods of time

## **WORKING CONDITIONS**

General manufacturing shop environment with climate control. Vibration and loud surroundings. Adequate lighting. Exposure to mechanical moving parts and shop elements such as dust, odors, fumes, and oils.

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## **MENTAL ACTIVITIES AND REQUIREMENTS OF THIS POSITION**

**REASONING ABILITY:** Ability to deal with a variety of variables under only limited standardization.

**MATHEMATICS ABILITY:** Ability to add, subtract, multiply and divide in all units of measure using whole numbers and common fractions.

**LANGUAGE ABILITY:** Ability to read, analyze, and interpret documents. Ability to communicate clearly.

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## **INTENT AND FUNCTION OF JOB DESCRIPTIONS**

*Job descriptions assist organizations in ensuring that the hiring process is fairly administered and that qualified employees are selected. They are also essential to an effective appraisal system and related promotion, transfer, layoff, and termination decisions. Well constructed job descriptions are an integral part of any effective compensation system.*

*All descriptions have been reviewed to ensure that only essential functions and basic duties have been included. Peripheral tasks, only incidentally related to each position, have been excluded. Requirements, skills, and abilities*

*included have been determined to be the minimal standards required to successfully perform the positions. In no instance, however, should the duties, responsibilities, and requirements delineated be interpreted as all-inclusive. Additional functions and requirements may be assigned by supervisors as deemed appropriate.*

*In accordance with the Americans with Disabilities Act, it is possible that requirements may be modified to reasonably accommodate disabled individuals. However, no accommodations will be made which may pose serious health or safety risks to the employee or others or which impose undue hardships on the organization.*

*Job descriptions are not intended as and do not create employment contracts. The organization maintains its status as an at-will employer. Employees can be terminated for any reason not prohibited by law.*