

# Machine Operator and Technicians

**Employer:** Unico Mechanical Corp.

**Contact:** Randy Potter, RPotter@UnicoMechanical.com

**Position:** Machine Operator and Technicians

**Location:** 1209 Polk Street, Benicia, California 94510

## **Job Duties:**

- The machinists will set up, operate, and tend manual lathes, drill press, horizontal mills, and VTL's surface grinders.
- Manufacture various parts essential to very large rotating, reciprocating and or stationary equipment, using machine tools such as lathes, milling machines, vertical turret lathes, grinders and radial arm drill presses.
- Study and comprehend detailed blue prints, layouts, diagrams, job orders, and sketches for information on tooling instructions and to determine material requirements and operational sequences.
- Select, position, secure, and align appropriate tools and materials on machines according to written specifications.
- Start lathe or turning machines and observe operations to ensure that specifications are met.
- Adjust machine controls and change tool settings to keep dimensions within specified tolerances.
- Measure and inspect parts to verify conformance to specifications, using precision instruments such as micrometers, gauges, and dial indicators while working under demanding time constraints.
- Perform checks and inspections of shop equipment.
- Conduct ongoing maintenance and repair of shop equipment.
- Produce drawings or sketches of various equipment and parts.
- Perform minor programming and interpret digital read out (DRO).

## **Job Requirements:**

- Certification and at least three years' training in machine operations or other related field.
- Minimum of 10 years machining experience

*Must have in depth knowledge and Experience in:*

- Manufacturing and repairing various rotating machinery such as pumps, turbines, and valves.
- Using lathes, mills, drill presses, and other machine shop equipment.

- General and precision machining.
- Engineering standards and tolerances, including application principles, techniques, procedures, and equipment necessary to design and production.
- Understanding of machine mechanics, including issue diagnosis, repair processing and maintenance.
- Reading and understanding blueprints, layouts, diagrams, and other materials relating to machine job orders.
- Raw materials, production processes, quality controls, costs, and other techniques for maximizing the manufacture of goods.
- Articulating complex machinery processes to others, including the shop foreman and other staff.
- Strong working knowledge of shop mathematics including arithmetic, algebra, geometry, and their applications.
- Awareness of workshop safety practices.
- Utilizing strong initiative and judgment in understanding manufacturing processes to be able to make suggestions for improvements.
- Performing CNC programming and using digital read outs (DRO).
- Identifying and resolving problems in a timely manner, gather and analyze information skillfully, and develop alternative solutions.
- Machines and tools, including understanding of machine design, assembly, use, and testing.

*Physical Requirements*

- Must be able to stand or walk for several hours at a time.
- Must be capable of lifting, carrying, and positioning objects weighing 40 to 50 pounds
- Available to work overtime on as needed basis.

**Hours:** 40 hours a week, F/T

**Salary:** \$48,214-\$[72,800] per year

**If interested, please submit resume to Unico Mechanical Corp, 1209 Polk Street, Benicia, CA, 94510 or to Randy Potter at [RPotter@UnicoMechanical.com](mailto:RPotter@UnicoMechanical.com)**