



**thermionics
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Ultra-High Vacuum Machinist

JOB DESCRIPTION

This role is responsible for ensuring that company products meet customers' machining standards and specifications. Generally, the person in this position works with basic prints and some geometrics/tolerancing, has a high skill level and setup experience, and the capacity to operate most machines with little direct supervision.

The Ultra-High Vacuum (UHV) Machinist likes to work independently at times, as well as with other team members at times, using high-level skills and expertise to make quality parts on time.

Success in this role requires technical expertise, creativity, problem-solving, leadership skills, and the ability to think outside the box.

POSITION REQUIREMENTS: Company Values

Thermionics Northwest believes we are all suppliers and customers of someone in our organization. Our employees must demonstrate this customer-centric belief - which means that you are value-adding, reliable, performance-driven, innovative, service-minded, and agile – in all their business activities.

We expect that our company values of open-mindedness, trust, communication, thinking strategically/being creative, being courageous, accountable, and humble, ethical sensitivity/compliance, resilience/facing diversity, and fostering a culture of empowerment, engagement, and collaboration will drive the actions of our employees.

ESSENTIAL DUTIES AND RESPONSIBILITIES

An individual must be able to perform each essential duty satisfactorily. The requirements below represent the required knowledge, skill, and ability. Reasonable accommodation may be made to enable individuals with disabilities to perform essential functions.

- Exercise judgment, discretion, and tact in all business matters and relationships is required.
- Strong people skills and the ability to maintain transparent and cooperative working relationships with co-workers and demonstrate regular attendance and punctuality are essential.
- Collaborative problem-solving in formal and informal work teams.
- Participation in and contribution to teamwork within the organization is required.
- Necessary interpersonal skills include being a self-starter, motivated, creative, flexible, self-confident, deadline-oriented, and able to multitask.
- Employees must follow all company quality and safety procedures, including those at customer sites if applicable, and must abide by the corporate Code of Conduct in all situations.

SUPERVISORY RESPONSIBILITIES

None

DUTIES

- Documentation preparation is required.
- Direct conduction machining of UHV products.
- Verify dimensions to blueprint using basic measuring instruments (calipers, micrometers, and height gauge) and calculation tools to reach specifications.
- Basic setup on lathes and mills machines, determine and perform machining math.
- Verify dimensions and interpret GD&T of blueprint using advanced measuring instruments: micrometers, dial bore gauge, and calculation tools (scientific calculator) to reach specifications.
- Work with Quality Assurance, Manufacturing Engineering, Production Control, and Sales to determine proper sequencing, procedures, and priorities.
- Collaborate cross-departmentally when necessary.

PHYSICAL DEMANDS

An employee must meet the physical demands described here to perform the essential functions of this job successfully. Reasonable accommodation may be made to enable individuals with disabilities to perform essential functions. Tasks require walking, sitting, bending, reaching, mobility, frequent lifting and pushing/pulling.

Communication skills include active listening, and speaking are necessary to interact with other employees, vendors, and customers. Strong interpersonal skills and the ability to balance multiple tasks and any stress associated with the duties and responsibilities of this position are essential requirements for the performance of this job. Additional tasks and duties may be required.

GENERAL QUALIFICATIONS:

- Able to read, understand, and follow instructions accurately.
- Knows how to operate machine shop equipment safely.
- Able to test and verify conformance to standards using specific testing equipment and visual examination.

EDUCATION AND EXPERIENCE:

Any combination of education, training, and experience equivalent to High School graduation would provide the required knowledge, skill, and ability to perform the assigned job duties successfully.

There is a prerequisite of 36 months of general machine operation experience and 12 months of machine operations for stainless-steel components. Must have:

- Good verbal and written communication skills
- Mathematical Skills and Reasoning Ability
- Ability to work in a fast-paced setting with changing priorities
- Ability to work with minimal direction to complete assignments on time

PAY

\$18-\$30 an hour

TIME REQUIREMENTS

Full-time

LOCATION REQUIREMENTS

Port Townsend, WA. 98368