

Machinist - Job Description

About Intlvac:

Intlvac Thin Film is a high tech industrial manufacturing company based in Halton Hills, Ontario.

Intlvac is currently seeking a **Machinist** to join our manufacturing team.

If you have **hands-on experience** and are looking to expand your technical career, this unique opportunity may be for you. Intlvac is a world leader with a team that includes top scientific researchers, software programmers, mechanical and electrical engineers. Salary range is \$35 to \$45 per hour depending on experience, plus benefits.

Summary:

Intlvac is looking for a flexible, reliable and motivated individual to join our team. The successful candidate would **work in a hands-on capacity** as part of the manufacturing team in our assembly department. **This is not a designer position.** *Only candidates legally permitted to work in Canada will be considered for this position.*

Responsibilities:

- Machining mechanical components for high vacuum research systems
- Study sample parts, blueprints, drawings, and engineering information in order to determine methods and sequences of operations needed to fabricate products, and determine product dimensions and tolerances.
- Select the appropriate tools, machines, and materials to be used in preparation of machinery work
- Assemble, inspect, adjust and modify mechanical parts
- Operate machines including manual lathe, vertical mill, band saw, shaper, grinder
- Monitor the feed and speed of machines during the machining process
- Observe and listen to operating machines or equipment in order to diagnose machine malfunctions and to determine need for adjustments or repairs
- Work with metal-working hand tools
- Drill, file or modify parts as directed by mechanical engineer
- Align and secure holding fixtures, cutting tools, attachments, accessories, and materials onto machines
- Assist with System assembly
- Measure, examine, and test completed units in order to detect defects and ensure conformance to specifications, using precision instruments such as micrometers
- Confer with engineering, supervisory, and manufacturing personnel in order to exchange technical information
- Perform QA checks and be able to troubleshoot
- Clean and lubricate machines, tools, and equipment in order to remove grease, rust, stains, and foreign matter
- Maintain workplace and perform basic housekeeping
- Other duties as assigned

Required Skills and Experience:

- Machinist experience: 5 years minimum preferred
- Ability to operate hand tools
- TIG welding experience an asset
- Ability to read blueprints and technical drawings
- Fine motor skills and manual dexterity for hands-on assembly and machining tasks
- Quality conscious, continuous improvement mindset
- Strong desire to learn



- Able to work in a team environment and independently
- Ability to communicate clearly and effectively
- Common sense, attention to detail and good problem solving skills
- Ability to be on your feet and/or lift up to 50lbs on an occasional basis
- Preference given to individuals with experience in machine building/repair, auto mechanics, motor repair or any similar hobby that indicates an interest and aptitude for hands-on mechanical activities

Job Type & Location:

- Full time; Based in Halton Hills, Ontario

How to Apply:

- Interested applicants are asked to forward their cover letter and resume to: intlvacjobs@intlvac.com. Only applications submitted directly to this email will be considered for the position.