



AUTOMATIC PRECISION, INC.



MANUFACTURERS OF SWISS PRECISION TURNED COMPONENTS SINCE 1976

POSITION OPENING

Finishing Department Technician

LOCATION

Harwood Heights, IL 60706

TYPE

Full/Part-Time

SHIFTS

Day & Night Available

APPLY

hr@automaticprecision.com

COMPANY INFORMATION

Automatic Precision, Inc. (API) is a family-owned, ISO 9001:2015 certified Swiss CNC precision machining facility founded in 1976 and located in Harwood Heights, Illinois — just minutes from Chicago's O'Hare International Airport. Currently operating three buildings totaling 30,000 sq. ft. with over 200 machines across 10 manufacturing departments, API is one of the largest manufacturers of Escomatic and CNC Swiss precision parts in the United States. We specialize in connectors, electrical contacts, and custom turned components serving aerospace, medical, electronics, defense, fluid power, and numerous other industries across the U.S., Canada, and Mexico.

POSITION SUMMARY

Automatic Precision, Inc. is seeking a reliable and detail-oriented Finishing Department Technician to join our secondary operations team. In this role you will be responsible for post-machining finishing operations on precision turned components including tumbling, vibratory finishing, deburring, cleaning, inspection, and packaging. You will work closely with the production and quality teams to ensure all finished components meet customer appearance, cleanliness, and dimensional requirements before shipment.

ROLES & RESPONSIBILITIES

- Operate vibratory finishing and tumbling equipment to deburr, edge-break, and surface-finish precision machined components per job specifications
- Perform manual deburring of precision turned parts using hand tools, files, and abrasives as required by part geometry and customer requirements
- Clean and wash machined components using parts washers and cleaning equipment to remove cutting fluid, chips, and contaminants prior to inspection and packaging
- Inspect finished parts visually and dimensionally using calipers, gauges, and optical aids to verify compliance with finish and dimensional requirements
- Package completed parts per customer-specified packaging requirements including counting, bagging, labeling, and boxing
- Operate and maintain finishing equipment; perform routine cleaning and upkeep of vibratory tumblers, washers, and deburring tools
- Identify and segregate non-conforming parts; document and report any quality issues to the supervisor or quality department
- Accurately record production quantities, lot numbers, and any rejections in the production log
- Maintain a clean, organized, and safe work area at all times; follow all company safety policies and procedures
- Work cooperatively with machine operators, quality technicians, and supervisors to meet daily production and shipping schedules

SKILLS & QUALIFICATIONS

- High school diploma or equivalent required
- Prior experience in a finishing, deburring, or secondary operations role in a manufacturing environment preferred — will train the right candidate
- Familiarity with vibratory finishing, tumbling, or parts washing equipment is a plus
- Ability to handle small, delicate precision components with care and attention to detail
- Basic ability to use hand measurement tools including calipers and go/no-go gauges, as needed
- Strong attention to detail — ability to visually inspect small parts for burrs, surface defects, and cleanliness
- Ability to read basic job travelers, work orders, and packaging specifications
- Reliable, punctual, and able to maintain consistent output during repetitive tasks
- Good communication and teamwork skills
- Familiarity with manufacturing safety practices

BENEFITS

- Competitive salary commensurate with experience and qualifications
- Medical insurance available
- Day and nighttime shifts with overtime opportunities
- Paid time off and holidays
- On-the-job training and advancement opportunities
- Stable, family-owned company celebrating 50 years in business
- Opportunities for growth and advancement within the company

WORK ENVIRONMENT

The Finishing Department at API is a critical part of our production flow, ensuring that every component leaving our facility meets the cleanliness, finish, and packaging standards our customers expect. You will work in a clean, organized secondary operations area within our 30,000 sq. ft. Harwood Heights facility alongside experienced technicians and production staff.

PHYSICAL DEMANDS

- Ability to stand for extended periods during finishing and inspection operations
- Ability to lift and carry totes, bins, and finishing media up to 50 lbs occasionally
- Manual dexterity for handling small precision components and operating hand deburring tools
- Ability to perform repetitive hand motions during deburring and packaging tasks
- Ability to work in a manufacturing environment with exposure to cleaning solutions, finishing media, and machine noise

Ready to Join the API Team?

Email your resume to hr@automaticprecision.com or stop by our office:
4609 N. Ronald Street, Harwood Heights, IL 60706 | (708) 867-1116