



AUTOMATIC PRECISION, INC.



MANUFACTURERS OF SWISS PRECISION TURNED COMPONENTS SINCE 1976

POSITION OPENING

Quality Assurance Team

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 an experienced and driven Quality Assurance professional to join our Quality Assurance Team and help lead all quality control operations across our Swiss CNC and Escomatic manufacturing departments. In this role you will help maintain and continuously improve our ISO 9001:2015 certified quality management system, ensuring every part we ship meets or exceeds customer specifications. You will collaborate closely with production and engineering, perform inspections and audits, and support quality-related customer communications. If you have a strong background in precision machining quality and thrive in a fast-paced, high-accountability environment, we want to hear from you.

ROLES & RESPONSIBILITIES

- Support and maintain quality control systems, policies, and procedures in compliance with ISO 9001:2015 and customer-specific requirements
- Perform day-to-day quality activities including incoming inspection, in-process inspection, final inspection, and hand gauge measurement
- Conduct regular audits of manufacturing processes and finished product to identify non-conformances and support corrective action
- Participate in root cause analysis and corrective/preventive action (CAPA) processes in response to internal and customer quality issues
- Track and report key quality KPIs including PPM, on-time delivery performance, and customer rejection rates
- Support and conduct PPAP submissions and first article inspection reports for new programs and engineering changes
- Assist in supplier quality activities including incoming material review and non-conformance documentation
- Maintain and support calibration of all inspection and measurement equipment
- Support customer audits and ensure facility compliance with ISO 9001:2015 and applicable customer quality standards
- Train and guide production personnel on quality standards, inspection methods, and use of measurement equipment
- Drive continuous improvement initiatives across manufacturing departments

SKILLS & QUALIFICATIONS

- Quality Management, or related field — or equivalent combination of education and hands-on experience
- 2+ years of quality assurance experience in a precision machining or high-volume manufacturing environment preferred
- Working knowledge of ISO 9001 quality management systems preferred
- Proficiency reading and interpreting engineering blueprints, specifications, and GD&T symbols per ASME Y14.5
- Hands-on experience with precision measurement instruments including micrometers, calipers, bore gauges, plug gauges, and optical comparators
- Familiarity with SPC, PPAP, FMEA, and other quality engineering tools is a plus
- Strong attention to detail and a high standard for accuracy
- Good communication and collaboration skills
- Quality management software experience a plus

BENEFITS

- Competitive salary commensurate with experience and qualifications
- Medical insurance available
- Day and night time 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

API operates 24 hours a day, 5 days a week across 30,000 sq. ft. of manufacturing space in Harwood Heights, Illinois. Our team runs over 200 Escomatic and Swiss CNC machines producing precision turned components to tight tolerances for customers across the United States and internationally. Quality Assurance Team members work on the production floor and in office environments and are expected to be hands-on, visible, and engaged with all departments.

PHYSICAL DEMANDS

- Ability to stand and walk on a manufacturing floor for extended periods
- Occasional lifting of up to 35 lbs
- Manual dexterity required for operation of precision measurement instruments
- Ability to work in a production environment with exposure to machine noise and coolant

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