

Job Title: Quality Technician

Job Summary

The **Quality Technician** ensures the integrity of high-precision components by merging technical expertise in CNC Swiss-style machining with rigorous quality engineering standards. This role is responsible for real-time quality monitoring, administrative precision in documentation, and managing the shop's technical inspection toolkit. Following an "**Adapt then Optimize**" philosophy, you will master existing standards to protect consistency before driving meaningful process improvements.

Key Responsibilities

1. Technical Inspection & Programming

- **Advanced Programming:** Program and operate **CMM and Keyence** vision systems to validate complex part geometries.
- **First-Article Inspection (FAI):** Validate the first parts off the machine after new setups to ensure process stability.
- **Technical Verification:** Perform precision measurements using manual tools, including micrometers, profilometers, and go/no-go gaging.
- **Gage Calibration:** Manage the calibration and maintenance of all shop inspection gaging to ensure measurement accuracy.

2. Quality Engineering & Compliance

- **Documentation:** Prepare **FAI and PPAP** submissions, interpreting customer specifications for full compliance.
- **Change Management:** Manage quality updates during engineering changes, ensuring technical prints and inspection plans are accurate and organized.
- **Process Control:** Monitor **SPC** and tool wear trends to predict and prevent defects.
- **Compliance Support:** Assist with ISO 9001 / AS 9100 audits and maintain environmental documentation (REACH, RoHS, Conflict Minerals).
- **Root Cause Analysis:** Participate in defect analysis using methodologies like **8D and FMEA**.

3. Communication & Mentorship

- **The Feedback Loop:** Act as a link between the Quality Lab and the Shop Floor, translating complex data into actionable feedback for Setup Technicians and Operators.

- **Troubleshooting:** Assist in identifying whether "out-of-tolerance" conditions are tool-related, thermal, or programming-based.
 - **Operator Empowerment:** Train operators on manual gauge usage and blueprint interpretation to foster a "Quality at the Source" mindset.
 - **Authority:** Maintain the authority to pause production runs for non-conformance in coordination with the Engineering team.
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Required Qualifications & Skills

- **Experience:** 3+ years in a CNC machining environment (Swiss turning preferred) with at least 1–2 years in a quality role within an ISO 9001 or AS 9100 environment.
- **Technical Literacy:** Expert ability to read complex engineering drawings and a deep understanding of **GD&T**.
- **Software Proficiency:** Strong proficiency in **Microsoft Excel and Word**. Experience with **Solidworks** or Global Shop ERP is preferred.
- **Education:** High School Diploma required; Associate's or Bachelor's degree in Mechanical, Manufacturing, or Industrial Engineering preferred.
- **Soft Skills:** A detail-obsessed organizer who remains calm and constructive under production pressure.

\$20 - \$30/hr based on experience

M – Th 6:00am – 4:30pm

M – Th 4:30pm – 2:00am (2nd shift)

M – F 6:00am – 2:30pm

M – F 2:30pm – 12:00am (2nd shift)

PLEASE REACH OUT TO JOHN KOZIOL WITH YOUR RESUME IF INTERESTED

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