



JOB TITLE: Mechanical Inspector I

DEPARTMENT: Quality Assurance

REPORT TO: Quality Inspection Supervisor

COMPANY OVERVIEW:

GCM is a premier, global tier-1 provider of outsourced high-precision manufacturing solutions to MedTech and other demanding industrial end market applications. The Company has established long-term, entrenched relationships with world-class, market leading Original Equipment Manufacturers (“OEMs”) in high-growth, high-tech medical equipment segments, including robotic surgery and radiotherapy.

GCM offers customers a comprehensive set of capabilities and service offerings across a wide range of materials (metals, non-metals, exotics) including engineering, process development, high-precision manufacturing, joining technologies, automated sheet metal fabrication, and precision assembly. The Company is headquartered in Union City, CA and operates three sophisticated and scalable facilities in the U.S. and China. GCM’s ability to serve mission-critical end-markets characterized by low-to-medium volume demand streams, engineering-first mindset, global geographic footprint, and broad capability offering creates highly sustainable competitive advantages.

SUMMARY:

The Mechanical Quality Inspector I uses basic metrology equipment to verify that parts meet drawings and specifications. Responsibilities also include writing nonconformance reports, process transactions in the ERP system, and performing visual inspections.

GENERAL RESPONSIBILITIES:

- Must be a team player as measured by his/her peers.
- Open to constructive feedback from senior inspectors and leaders
- Keeps work area organized and clean.
- Follows visual management rules.
- Completes paper inspection records, electronic records, and other relevant process steps.
- Basic understanding of relevant QMS documents
- Able to read mechanical drawings to determine nominal dimensions and tolerances.

DETAILED RESPONSIBILITIES:

- Able to accurately use the following inspection equipment: caliper, standard tolerance and tight tolerance (Deltronic) gauge pin, thread gage, and angle gage.
- Evaluate cosmetic flaws and accurately to determine conformance of parts.



- Can write basic nonconforming reports. Consults higher level inspectors before finalizing the report.

ADVANCED RESPONSIBILITIES INCLUDE:

- Some knowledge of GD & T drawing callouts (know the symbols and what they mean)
- Able to accurately use the profilometer.
- Able to accurately use a drop gage.
- Can operate one type of automated test equipment (Mitutoyo CMM, Zeiss CMM, or Amada Fabrivation)
- Laser micrometer for tight tolerance pin calibration
- Operate Keyence Optical system

KNOWLEDGE AND SKILL REQUIREMENTS:

- Technical background or aptitude
- HS Diploma with a 2-year degree preferred.
- 1 year experience in a manufacturing environment.

WORKING CONDITIONS:

- Typically bends, stoops and crouches.
- Frequently lifts, carries or moves objects weighing up to 25 lbs.
- Able to lift and/or move up to 50 lbs.
- Conditions are normal for a manufacturing environment.
- Work may require occasional weekend and/or evening work.