

ESSENTIAL DUTIES

- Lead Quality Engineering support during the introduction of new or revised parts and/or processes
- Create, maintain, support CMM / SmartScope programs, design and maintain CMM / SmartScope fixturing
- Create and maintain specific work instructions to support manufacturing operations
- Assist in management and feasibility of new projects from pre-production planning through to production of new product
- Act as a liaison to customers on measurement alignment, technical questions, new part development and drawing interpretation
- Inspect production parts; complete in process inspection (IR) and select feature reports
- Verify first piece; complete Gage R&R, CPK studies and PPAPs
- Assist machinists with correcting various problems with programs and processes
- Support machine tool programmers with interpretation of GD&T specifications
- Update old measurement programs
- Create and maintain manufacturing and inspection work instructions
- Support inspection and shop floor personnel and company processes
- Work with machinists to prove out new parts and/or prototypes
- Assist with internal auditing
- Assist in training and onboarding employees to create an independent team with trouble shooting skills
- Maintain professional and technical knowledge by attending educational workshops; reviewing professional publications; participating in professional societies
- Other duties as assigned

QUALIFICATIONS - *To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodation may be made to enable individuals with disabilities to perform the essential function.*

- Must have a strong understanding of CMM programming, GD&T tolerancing, machining and processes that go along with manufacturing
- Must be proficient in CMM programming software and Solidworks, or equivalent
- Must possess knowledge of Quality Management System tools, continuous improvement methods, quality control and statistical techniques
- Must have highly accurate computer data entry skills and basic computer skills
- Must have solid problem-solving skills and interpersonal skills
- Must have effective written and verbal communication skills with positive attitude and professional image and phone demeanor
- Must be very detail oriented
- Must have effective planning and organizational skills to meet deadlines with frequent interruptions
- Must have experience integrating technology (onboarding new equipment) and statistical software
- Must have experience working with tolerances into the micron range
- Must be versed in developing visual aids and work instructions



JOB POSTING: QUALITY TECHNICIAN II

EDUCATION, EXPERIENCE OR LICENSES

- High School diploma or equivalent, required
- Must have valid Driver's License
- 5+ years of CMM programming experience, preferred
- 5+ years of creating CMM inspection programs from customer blueprints/CAD models using Calypso programming software, preferred
- 5+ years of experience in a machine shop or similar manufacturing environment, required
- Must have ASQ CQPA certification or be willing to complete within first year of employment
- Experience using traditional inspection tools (micrometers, calipers, bore gauges, indicators), surface plate inspection methods (using gage blocks, indicators, sine bars) and CMM experience, required
- Experience with cleaning, calibrating and maintaining measurement equipment

PHYSICAL DEMANDS - *The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.*

- The work is typically performed while intermittently standing, walking, bending, crouching, stooping, reaching above shoulders, talking and hearing.
- At times, the employee must lift heavy objects and use tools or equipment requiring a high degree of dexterity.
- Specific vision abilities required by this job include close and distance vision, peripheral vision, depth perception and the ability to adjust focus.