

SUMMARY

- The purpose of this position is to ensure attainment of product quality. Successful performance facilitates overall corporate profitability and customer satisfaction.
- Fulfill external and internal quality compliance responsibilities such as PPAP's, SCRs, Inspection Plans, and Internal Audits and Process Audits. Responsibilities also includes interpretation of customer or universal standards such as ANSI/ ISO/ ASTM, along with providing Engineering support for new or revised parts and/ or process: assist problem solving and continuous improvement activities.
- Liaise external and internal customers in new part development and drawing interpretation including but not limited to GD&T

ESSENTIAL DUTIES

- Provide Quality Engineering support during the introduction of new or revised parts and/or processes
- Communicate and work with customers on quality processes and issues, internally participate/ co-manage material review board (MRB)
- Monitor product quality, identify sources of quality problems, and facilitate corrective/ preventative actions solutions Analyze data to identify trends in product quality or defects with the goal of mitigating and preventing recurrence and future defects.
- Plan, implement and coordinate studies for quality process improvements and cost reductions utilizing appropriate statistical methods/quality tools
- Create, maintain, and improve current manufacturing measurement and inspection work instructions/ procedures
- Determine measurement methodologies and gaging requirements for new or existing parts or processes
- Support Inspection personnel and processes
- Support machinists and shop floor personnel
- Work with machinists to prove out new parts and/or prototypes
- Participate in New Part Meetings
- 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 strong verbal and written communication skills and strong interpersonal skills. A proficiency in Microsoft office products and knowledge and efficiency of related computer applications is preferred
- Must possess a thorough understanding of metrology and Geometric Dimensioning and Tolerancing (GD&T)
- Must be able to apply the appropriate metrology needed for ensuring the suitability of measurement instruments, their calibration and quality control of measurements
- Must be experienced in using traditional inspection tools (micrometers, calipers, bore gages, indicators), surface plate inspection methods (using gage blocks and indicators) and have basic skills using a CMM
- Must be experienced using problem solving and analytical tools and practices to include process capability studies, gage repeatability and reproducibility studies and statistical process control
- Must have highly accurate computer data entry skills and basic computer skills



JOB POSTING: QUALITY ENGINEER

- Must demonstrate initiative and accountability along with solid problem-solving skills
- Must have effective written and verbal communication skills with positive attitude and professional image and phone demeanor
- Must be very detail oriented and think analytically – must understand analytical tools and practices, such as Gage R&R studies, Pareto, and control charts
- Must have effective planning and organizational skills to meet deadlines with frequent interruptions

EDUCATION, EXPERIENCE OR LICENSES

- American Society for Quality (ASQ) Certified Quality Engineer, preferred
- Bachelor's degree in an Engineering discipline, preferred
- Must have valid Driver's License
- 5+ years of experience in a machine shop or similar manufacturing environment, preferred
- 2+ years of experience in Quality, preferred
- Work experience must include working in a facility certified to recognized Quality Management System such as ISO 9001 or 13485
- CMM programming and/ or SolidWorks knowledge is a plus