



Quality Control Inspector

Classification: Non-exempt
Schedule: 40-hour workweek

Location: Pasadena, TX
Reports to: Operations Manager

POSITION SUMMARY

This position is responsible for inspecting and verifying the quality of manufactured components to ensure they meet internal standards and customer specifications. The Quality Control Inspector plays a vital role in maintaining product integrity and supporting a culture of continuous improvement.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Perform dimensional and visual inspections on incoming, in-process, and final components using precision measuring tools
- Read and interpret engineering drawings, blueprints, and specifications
- Understand, interpret, and write basic codes/programs as needed
- Complete inspection reports and maintain accurate records of test results
- Use inspection equipment such as micrometers and calipers
- Verify conformance to specifications including GD&T (Geometric Dimensioning & Tolerancing) standards
- Document and communicate non-conformances and assist with root cause analysis
- Ensure parts meet critical tolerances and surface finish requirements
- Collaborate with production, engineering, and other departments to resolve quality issues
- Support calibration activities and maintain calibration logs
- Participate in audits, continuous improvement projects, and quality meetings
- Maintain a clean and organized work environment
- Perform all tasks in a safe and responsible manner

This job description is intended to convey information essential to understanding the scope of the job and the general nature and level of work performed by job holders within this job. It is not intended to be an exhaustive list of qualifications, skills, efforts, duties, responsibilities or working conditions associated with the position.

KNOWLEDGE, SKILLS, AND ABILITIES

- Solid understanding of inspection methods, standards and GD&T
- Ability to interpret complex drawings, manufacturing specs, and quality standards
- Strong analytical and problem-solving skills
- Basic computer skills (Microsoft Excel, Word, and data entry software)
- Strong verbal and written communication skills



- Highly detail-oriented with a commitment to quality
- Ability to prioritize and manage multiple tasks
- Professional and collaborative attitude
- Team-oriented and dependable
- Willingness to work overtime as needed

EDUCATION AND EXPERIENCE

- High School Diploma or equivalent
- Technical certification or training in quality inspection or related field a plus
- 3 to 5 years of quality control experience in a manufacturing or machining environment
- Experience with ISO standards or similar quality management systems is a plus

Physical Requirements and Environmental Conditions:

- Physical stamina and dexterity, including but not limited to- the ability to stand and walk up to 8 hours a day, climb, kneel, crawl, sit, bend at waist or squat
- Able to lift, push, and pull up to 50 lbs.
- Ability to read technical manuals and drawings
- Manufacturing/Machine Shop
- Loud noise

All qualified applicants receive consideration for employment without regard to age, race, color, religion, gender, creed, national origin, physical or mental disability, marital status, veteran status, disabled veteran status, or status as a member of any other protected group or activity.