

Job Description **Quality Engineer**

Type of Job – Full Time – Exempt
Location – Swanzey, New Hampshire

Job Summary

Join a world leader in ultra-precision machining, the core technology behind optics manufacturing that powers industries such as mobile devices, AR/VR, communications satellites, solar energy, telescopes, medical imaging, and advanced defense systems.

Nanotech offers the opportunity to enhance specialized skills in quality engineering, inspection and testing while contributing to innovations that impact technologies around the world. If you are a Quality Engineer who thrives in a collaborative environment and takes pride in precision, problem-solving, and technical excellence, we invite you to join our team and help drive a culture of continuous improvement.

This position reports to the Production Manager and is responsible for monitoring production standards for Nanotech's products by implementing quality control systems and product requirement guidelines. Duties include providing guidance to Quality Technicians, monitoring specifications for products, including the appropriate level of variation, and general monitoring of quality assurance. This position will proactively ensure the quality output of internal manufacturing processes and the quality levels for incoming purchased materials used in the manufacturing process.

Core Responsibilities

- Monitors, collects, and analyses non-conformance data to maintain reports and identify unfavorable trends in quality performance.
- Utilizes collected data to lead corrective action process including containment, investigation of root cause, establishing corrective actions, and verification of the corrective actions
- Inspects, tests, and evaluates the reliability of manufacturing processes, products, and incoming materials while providing guidance for Quality Technicians to do the same.
- Ensures that processes adhere to quality standards.
- Provides quality interface and expertise to proactively ensure that product requirements are well developed and understood.
- Participates with supplier quality by conducting supplier surveys, on-site audits, and follow-up audits, to qualify and access supplier's quality and manufacturing capabilities.
- Participates in the product development process.
- Supports continuous improvement.
- Reports to management on quality issues, supplier performance, non-conformances, corrective actions, trends, and losses, with a plan included for resolution and/or improvement.
- Proactively interfaces as a team player, with all departments to ensure delivery of quality products.
- Maintains a clean and organized work area.
- Ensures safe work practices are followed.
- Complies with safety regulations.
- Performs other duties as assigned by management.

Education and Experience

- Associates degree in mechanical, industrial, manufacturing or quality Engineering or 5 years of related work experience.
- Manufacturing quality, methods, and procedures.
- Familiarity with quality planning, process and product qualification, development, integration, auditing, corrective/preventative action, and continuous improvement.
- Strong computer skills, specifically Microsoft Office Suite.
- Experience with database system management.
- Ability to understand precision technical drawings and product requirements.
- Knowledge of inspection methods and techniques.

Competencies

- *Excellent interpersonal skills, both written and verbal.*
- Utilize strong verbal and written skills to communicate effectively with technical and non-technical partners at various levels.
- Self-motivated, analytical individual.
- Cross-functional team member.
- Excellent time management and organizational skills, with strong attention to detail.

To apply for this position, please send your resume to: careers@nanotechsys.com