

## Quality Assurance & Manufacturing Engineer/Technician

### Position Summary

We are seeking someone with several years of hands-on experience as a manufacturing (industrial) engineer or technician in a metal fabrication environment and is also knowledgeable and experienced in QA methods and procedures. For the quality role, you will be responsible for making sure all parts and finished assemblies meet both internal and customer standards prior to shipping. On the production side, you will take a lead role in improving our fabrication and assembly processes, working with both our shop floor team and engineering to refine and grow our production capabilities while looking for opportunities to gain efficiencies and reduce cost.

### Quality Assurance Responsibilities

- Perform in-process and final inspections of fabricated parts and assemblies
- Inspect incoming raw materials and components using calipers, micrometers, gauges, CMM and laser scanner
- Identify and document non-conformances and initiate root cause analysis and corrective action requests
- Facilitate and respond to customer or 3<sup>rd</sup> party QA audits
- Work directly with shop floor personnel, engineering and purchasing to resolve quality issues
- Maintain inspection records and calibration logs
- Develop and maintain quality control procedures and checklists
- Willingness to work in noisy environments as needed

### Manufacturing and Production Support Responsibilities

- Support introduction of new equipment, including writing standard operating procedure (SOP) documents, create shop floor layout drawings and equipment capacity planning
- Develop shop floor initiatives that reduce scrap and rework, while improving throughput and quality
- In collaboration with Engineering, provide hands-on troubleshooting and support on the manufacturing floor
- Select tooling, fixtures and equipment to support new and existing production work
- Review customer drawings and specifications to assess manufacturability and estimate labor and overhead costs for accurate quoting
- Assist engineering with the design, construction and testing of new products

### Qualifications

- Associate's (A.A.S.) or Bachelor's (B.S.) degree in Manufacturing Engineering or Engineering Technology or related field.
- Minimum of 3–5 years of experience in metal fabrication or job shop environment.
- Strong familiarity with common metal fab processes (CNC machining, forming, laser/plasma cutting, welding)
- Direct experience with implementing and managing QA/QC programs.
- Strong analytical, problem-solving and communication skills.
- Proficiency with CAD (solid modeling) software.

### Key Competencies

- Quality and Continuous Improvement mindset
- Professional communication and follow-through
- High attention to detail
- Strong time management and prioritization
- Emotional control and de-escalation skills
- Team collaboration and accountability

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**Work Environment & Physical Requirements**

- This role is primarily performed in a manufacturing environment.
- Must be able to sit or stand for extended periods, use a computer, and communicate via phone and email.
- Must be able to walk in the facility and work in an office environment.

**What We Offer**

- Health, dental, and vision insurance
- 401(k) with company match
- Paid time off (PTO) and holidays
- Paid family leave and other statutory benefits

**Department:** Engineering

**Reports to:** Engineering Manager

**Location:** Westerlo, NY – On-site

**Employment Type:** Full-time

**FLSA Status:** Full-Time Exempt

**Compensation (New York Pay Transparency)**

**Base Salary Range: \$85,000 – \$115,000 per year**

*This range represents the employer's good-faith estimate of the anticipated base salary for this position at the time of posting, consistent with New York State's pay transparency law.*

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**Equal Employment Opportunity Statement**

Hannay Reels is an Equal Opportunity Employer. We do not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity or expression, national origin, age, disability, veteran status, or any other characteristic protected by federal, New York State, or local law.

**Reasonable Accommodation Statement**

Hannay Reels provides reasonable accommodations to qualified individuals with disabilities in accordance with the Americans with Disabilities Act (ADA) and applicable New York State laws.