

Job Description for Lead Engineer, Inspection II

Position Overview

The Lead Engineer, Inspection II will play a pivotal role in overseeing and managing the inspection processes within our organization. This position requires an experienced engineer with a keen eye for detail, exceptional problem-solving skills, and advanced technical expertise. The Lead Engineer will be responsible for ensuring that all inspection activities align with industry standards, regulatory requirements, and company policies, thereby guaranteeing the quality and safety of our products.

Responsibilities

- Leadership and Management:
- Lead and manage the inspection team, providing guidance, support, and mentorship to junior engineers and technicians.
- Develop and implement training programs to enhance the skills and knowledge of inspection personnel.
- Coordinate with various departments to ensure seamless integration of inspection activities within the overall production process.

Inspection and Quality Control:

Oversee and conduct detailed inspections of products, components, and systems to ensure compliance with specifications and standards.

Implement and maintain rigorous quality control procedures to identify and rectify defects or non-conformities.

Utilize advanced inspection techniques and equipment to achieve accurate and reliable results.

Technical Expertise:

Apply in-depth knowledge of industry regulations, standards, and best practices to all inspection activities.

Stay updated with the latest advancements in inspection technologies and methodologies, incorporating them into the inspection process as appropriate.

Provide technical support and expertise to other departments as needed.

Documentation and Reporting:

Generate and maintain comprehensive inspection reports, detailing findings, recommendations, and corrective actions taken.

Ensure all inspection documentation is accurate, up-to-date, and accessible for audit and review purposes.

Communicate inspection results and quality issues to relevant stakeholders in a clear and concise manner.

Qualifications

- Education:
- Bachelor's degree in Engineering, Quality Control, or a related field. A Master's degree is preferred.

Experience:

A minimum of 7-10 years of experience in inspection, quality control, or a related engineering role.

Proven experience in a leadership position, managing teams and projects.

Skills and Competencies:

Strong analytical and problem-solving skills, with the ability to make data-driven decisions.

Excellent communication and interpersonal skills, capable of working with diverse teams.

Proficiency in using inspection tools, equipment, and software applications.

Detail-oriented with a commitment to maintaining high standards of quality.

Ability to work in a fast-paced and dynamic environment, managing multiple priorities effectively.

Preferred Qualifications

- Professional certifications in quality control or inspection (e.g., CQE, CWI, API Inspector).
- Experience with continuous improvement methodologies such as Six Sigma or Lean Manufacturing.
- Familiarity with international quality standards and regulations (e.g., ISO 9001, AS9100).

Working Conditions

- May require occasional travel to various production sites and facilities.
- Work environment includes both office settings and production/inspection areas, requiring adherence to safety protocols.
- Ability to work flexible hours, including evenings and weekends, as needed to meet project deadlines.