

Senior Quality Engineer

NLS Lighting LLC
Carson, CA 90746

Job details

Job Type: Full-time
Number of hires for this role: 1

Full Job Description

Position: Sr. Quality Engineer

Reports To: Senior VP of Engineering & Operations

Job Overview

Sr. Quality Engineer to monitor and improve the quality of our operational processes and outputs. The quality engineer's responsibilities include designing quality standards, inspecting materials, equipment, processes, and products, developing quality control systems, and determining corrective actions. He/she will also work with managers and supervisors to implement Quality Control (QC) & Quality Assurance (QA) measures.

General Requirements

- Experienced QA/QC **Engineer** with a strong understanding of production quality, mechanical & electrical (electronic) engineering.
- Highly organized, dedicated, and proactive individual who leads by example.
- An understanding of LED technology and Lighting products will be required.
- Ability to develop and lead an efficient team where quality, accuracy and dependability are highly valued.
- Must demonstrate strong attention to detail, follow-up and effective communications within a multidisciplinary team.

Job Description

Responsibilities include, but are not limited to the following:

- Monitor and develop Key Performance Indicators (KPI's) regarding Warranty, RMA, Scrap, Rework and Online Defect Rate.
- Investigation and Root Cause Analysis derived from Customer Complaints/Warranty developing Corrective/Preventive Actions, and Nonconformances.
- Development of QC Standard Work Procedures for Production/Engineering Departments.
- Understands the geometric tolerancing requirements when reading the blueprints and specs.
- Oversees the Design Quality process to fulfill production and manufacturing requirements.
- Oversees quality and reliability aspect of part, assembly and fabrication drawings for standard and custom products.
- Review and approve designs and final drawings for production with Management team.
- Develop and implement quality standards, quality control systems, corrective actions, solutions, and improvements.
- Monitor and analyze quality performance.
- Inspect and test materials, equipment, processes, and products to ensure quality specifications are met.
- Collaborate with operations managers to develop and implement controls and improvements.
- Ensure that workflows, processes, and products comply with safety regulations.
- Investigate and troubleshoot product or production issues.
- Review codes, specifications, and processes.
- Coordinate the creation and Quality Control (QC) and Quality Assurance (QA) processes of all standard and custom Bills of Material (BOMS).
- Implement rigorous BOM QC/QA process to eliminate errors prior to production release, develop specific KPIs that will measure the results of the QC program, and report to management.
- Ensure an effective and rapid Production Documentation method that produces error-free BOMS, parts and fabrication drawings.
- Effective & cost-sensitive trouble-shooting and solution implementation for production oriented quality issues.
- Implement, maintain and optimization design and development procedures.
- Coordinate and produce product updates, custom products as well as some new product concepts.

- Analyzes procedures and processes to reduce processing time and cost.
- Performs spot checks and takes measurements throughout stages of engineering to determine degree of control over process variables.

Qualifications

- Degree in **Electrical, Industrial or Mechanical Engineering** or relevant field
- ASQ, 6 Sigma certifications preferred.
- ISO expertise preferred.
- 1-4+ Years Supervisory and Professional experience in quality engineering, quality assurance, or a similar role.
- Experience with LED & lighting.
- Hands-on, creative problem solver able to rapidly develop appropriate solutions.
- Quick learner who adapts well to new technology and software.
- Demonstrates the will & capacity to understand NLS product lines, manufacturing methods, processes, techniques, and related equipment.
- An understanding of Production Scheduling and Manufacturing Operations.
- Strong Supervisory Skills, with excellent oral and written communication skills.
- Savvy time manager with the ability to organize schedules, manage multiple tasks / priorities and easily adapt to changing situations.
- Experience coding and using QA software tools and processes.
- Strong communication and interpersonal skills.
- Strong analytical and problem-solving skills.
- Excellent project management skills.
- Team Builder, excellent communicator, Leadership by example with proven high-quality results.

Education

- Bachelor's Degree in Electrical or Mechanical Engineering or relevant field

Work Environment

This job operates in a professional office environment. This role routinely uses standard office equipment such as computers, phones, photocopiers, filing cabinets and fax machines. The employee is exposed to a variety of extreme conditions that may be found while walking the production floor or during business travel.

Physical Demands

While performing the duties of this job, the employee is regularly required to talk and hear. The employee frequently is required to stand; walk; use hands to finger, handle or feel; and reach with hands and arms and requires the ability to occasionally lift office products and supplies up to 30 pounds. The ability to work on a computer and phone while sitting for extended periods of time.

Position Type/Expected Hours of Work

This is a full-time position, and hours of work and days are varied. Ability to work Monday through Friday (7A.M - 4P.M., 730AM – 430PM, 8AM-5PM) Occasional evening and weekend work may be required as job duties demand.

Other Duties:

Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities and activities may change at any time with or without notice.

Benefits:

- 401K Plan
- Health insurance
- Paid time off

Schedule:

- Monday to Friday

Work Location:

- One location

Work Remotely:

- No