



Rantec Power Systems Inc.
Los Osos, CA
Job Description

Job Title: Quality Assurance Engineer
Department: Quality Assurance
Reports To: Quality Assurance Manager

Date: November 2023
FLSA Status: Exempt

Scope

Provide quality assurance engineering support to product realization processes (requirements review/planning, design development, procurement and production). Perform quality engineering functional role in material review disposition, communicate and ensure compliance to customer requirements from design to delivery.

Essential Duties and Responsibilities

- Support the maintenance of the Quality Management System (QMS) and its compliance to AS9100D.
- Perform audits of specific areas, processes, and procedures including internal QMS audits.
- Contract / Purchase Order requirements review and ensuring subsequent compliance to requirements
- Write and update quality planning for customer required quality planning such as Supplier Data Requirements Listing (SDRL).
- Evaluate design outputs and evaluate and approve configuration changes.
- Provide technical and compliance support to design and production activities to achieve compliance to customer requirements. Be able to make decisions (referee) on product conformity issues. Interface with customers to resolve conformity issues.
- Interface with government and customer source inspectors.
- As needed, coordinate outside lab failure analysis toward effective results.
- Create First Article Inspection (FAI) plans for upcoming programs. Perform FAI per the plan.
- Create Control Plans for high-impact parts. Implement control plans at vendors and in production.
- Peer review product and process validations for development and during configuration changes.
- Analyze defect data to identify risks and improvement opportunities. Support project teams to implement risk reductions and improvements.
- Lead preventive and corrective action activities including containment, root cause analysis and corrective action.
- Complete assigned training. When called upon, train QA employees subject areas; such as ESD and FOD control, QMS procedures.
- As needed participate in continuous improvement efforts.
- Ability to work flexible hours and/or different shifts, as required. In general, 50% of work time will be spent on the production floor.
- Ability to work in a safe professional manner adhering to all Rantec and regulatory requirements including OSHA, EPA, State and Federal Regulations.
- As the Company's success relies on the productivity of our team and adherence to customer product schedules, an essential function of this position is the ability to arrive to work on-time, and work each day, as scheduled.
- Perform related duties of QA department as assigned.

Qualification Requirements:

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

This position requires access to our export-controlled commodities, technical data, technology and services. These items are restricted under the International Traffic in Arms Regulations (ITAR) to U.S. Citizens, Lawful Permanent Residents of the U.S. and properly licensed foreign persons. Therefore, employment is contingent on compliance with ITAR regulations and successfully obtaining and maintaining the necessary export authorization license from the U.S. Department of Commerce's Bureau of Industry and Security, U.S. Department of State's Office of Defense Trade Controls, or other applicable government agency.

Education and Experience

- BS degree in a technical field desirable.
- QA Engineer experience, preferably in an Aerospace design and manufacturing environment; full proficiency considered at 5 years of experience.
- Experience with Advanced Product Quality Planning (APQP) is desirable.
- Knowledge of First Article Inspection in accordance with AS9102 is desirable.
- Working knowledge of electrical and mechanical inspection requirements, including current industry workmanship standards (J-STD-001 and IPC-A-610).
- Sound reasoning skills in risk assessment. Able to utilize root cause analysis techniques.
- Excellent communication skills both written and verbal ability; able to lead discussions and professionally persuade others.
- Dependable assertive self-starter, that works with all functions of the organization.
- Excellent knowledge & ability with Microsoft Office Professional (Word, Excel, Power Point, etc.).
- Ability to make sound decisions based on solid reasoning regarding acceptance/rejection of materials.

Physical Requirements

The physical demands described here are representative of those to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Work within a factory environment, including moderate noise and chemical odors
- Moving between sitting, standing and walking.
- Ability to work in person at the Los Osos facility.
- Consistently lifting and handling up to 10 pounds and periodically lifting up to 25 pounds.
- Specific vision abilities required by this job close vision, distance vision, peripheral vision, depth perception and the ability to focus, with correction, if needed, to perform hand soldering and wiring of assemblies.

Rantec is proud to be an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, or status as a protected veteran. Rantec will consider reasonable accommodation to its policies for employees and applicants due to sincerely held religious beliefs.