



Toray Composite Materials America, Inc.

JOB DESCRIPTION

Revision Date:	February 5, 2019		
Job Title:	Engineer II, Quality Assurance		
Location:	TA	Department:	Quality
Grade:	5E	FLSA Status:	Exempt

Summary

Provide quality-engineering support for production and quality assurance systems. Aid in contract review, development and implementation of quality system requirements, monitoring and statistically analyzing variation, performing cause investigations and corrective actions, auditing and qualification activities for delegated inspection/testing functions.

Duties and Responsibilities

- Focus areas include development of the documented quality system, review and analysis of production and laboratory test data using statistical techniques, auditing, non-conforming material system oversight, review of qualification testing results for new programs and delegated inspection areas, and providing supplier quality assurance support.
- Analyze test results and production data using statistical techniques to determine normal and abnormal data.
- Issue and administrate Trouble Reports as directed.
- Perform root cause analysis and corrective action to prevent abnormal variation.
- Calculate control limits, Cpk's (process capabilities), equivalency analysis, etc.
- Perform supplier audits and verification of supplier corrective action implementation.
- Review qualification testing results for new programs. Analyze test results compared with historical test values.
- Investigate abnormal variation, identify special causes and implement corrective action.
- Review and approve CMA purchase orders to confirm the correct engineering specification requirements.

- Achieve and maintain customer mandated delegated inspector status.
- Issue Supplier Corrective Action Requests and calculate supplier performance rating.
- Review supplier actions.

Skills and Specifications

- Familiarity with quality standards required.
- Documented understanding of internal, customer, international and aerospace process and product requirements.
- Possess advanced knowledge auditing techniques and procedures.
- Familiarity with documenting non-conformance and root cause and corrective action processes.
- Familiarity with aerospace special processes related to non-metallic materials.
- Ability to utilize/operate a computer, peripheral equipment and appropriate software, such as Microsoft Office applications including advanced Excel, Word and PowerPoint.
- Strong verbal and written communication skills.
- Ability to work well under pressure.
- Ability to set priorities.
- Ability to self-motivate and take initiative.
- Ability to develop close working relationships with customers and internal and external auditors.
- Ability to develop close working relationships across all departments.
- Ability to operate production management system (Synchronous) to affect inventory, raw material, intermediate material and finished goods.

Education and Qualifications

- Bachelor's degree in science, engineering or other scientific field and three to five years' quality assurance experience, or equivalent combination of education and experience, required.
- Experience in qualification activities, development and implementation of quality systems, statistical techniques, auditing supplier quality systems, root cause investigation and corrective action, required.
- Competency in interpreting engineering drawings with a solid background in metrology required.
- Customer mandated certification for delegated inspector.
- Personal computer experience in Microsoft applications such as Excel, Access, Word, and production management system (Synchronous) required.
- This position involves working with technologies and information which are subject to U.S. export control regulations. Under these regulations, Toray Composite Materials America must review certain candidate information including citizenship, basis of United States work authorization and country

of origin. This information would be used for export control screening purposes only.

Physical Demands

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

Position requires the ability to read, write, speak and understand English at a level necessary to successfully perform assigned responsibilities. Position occasionally requires the ability to make quick decisions related to quality and product issues. Ability to set priorities. Ability to utilize interpersonal and teamwork skills. Ability to perform advanced mathematical computations such as analysis, statistics, and significant data or number manipulation. Ability to give complete directions and to understand and apply work specifications in the completion of work tasks. The ability to hear, speak, use hands/fingers and the repetitive motions of hands/wrists are frequent. Ability to occasionally lift 10 pounds. Vision abilities require the adjustment and focus of sight.