



Professional Opportunity

Quality Engineer

Job Description

Alphaport, Inc. has an opening for a Quality Engineer onsite at a NASA client facility in Cape Canaveral, FL. This full-time position provides Support to the Kennedy Space Center Safety and Mission Assurance Launch Vehicle Processing Division, Quality Assurance Branch. This position is responsible for assuring that aerospace quality and reliability program requirements are implemented and maintained. Personnel monitor contractor's overall quality assurance program and quality assurance provisions as stipulated in the quality plan.

Key Responsibilities

- Assuring contractor provides flight worthy hardware for launch, accomplished by mandatory inspection points (MIP) as called out in the work authorization documents.
- Perform hardware surveillance activities through all phases of processing.
- Document hardware non-conformances and ensure follow-up for corrective action.

Requirements

- Use NASA accepted regulations, policies, directives, standards and other guidance to assist in the development of quality engineering related documentation.
- Develop quality metrics for Programs and Projects, and perform trending analysis and recommended actions.
- Foreign Object Debris (FOD) prevention through activities aimed at increasing FOD awareness. Interpret FOD metrics to identify strengths and weaknesses of various contractors' FOD programs. Interface with internal and external organizations as required to help ensure a successful FOD prevention program.
- Provide a status of major problems and concerns for management attention, including assessment of failures, schedule slips, workmanship, planning problems, and deferred work.
- Recommend candidates for corrective action and additional troubleshooting or analysis actions (e.g. material failure analysis and nondestructive testing).
- Participate in flight hardware and software problem investigations. Evaluate failures to assure recurrence controls are adequate.
- Perform surveillance and inspection activities (e.g. audits, assessments, etc.).
- Support measurement of performance and trend activities of suppliers' design, manufacturing and production, integration, and launch site operations, and support procurement assurance activities such as receiving inspection and field verification.



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- Assist in the assessment of other contractors' analysis methodology to determine applicability for NASA Programs and Projects.
- Evaluate operational requirements to assure the retention of controls needed to support acceptance rationale.
- Perform hardware quality inspections, receiving inspections, source inspections, and supplier audits.
- Identify input measures, publish reports, analyze results, and recommend appropriate actions associated with measurement indicator data.

Education and Work Experience

- Minimum BS degree in Engineering or Science
 - Eight years of directly related experience may be substituted for a BS degree

Physical Requirements

Kneel, crouch, and manipulate (lift, carry, move) light to medium weights of 10 to 20 pounds. Requires good hand-eye coordination, arm, hand and finger dexterity, including ability to grasp, and visual acuity to use a keyboard, operate office equipment, and read information on spreadsheets and reports. The candidate frequently is required to sit, reach with hands and arms, talk, and hear.

Alphaport, Inc. is an equal opportunity employer. Qualified applicants will be considered without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality, sex, or veteran status.

Due to contract requirements, U.S. citizenship is required to obtain access to government facilities and systems.

Local candidates only (Cape Canaveral, FL area). No relocation.

To express your interest in this position, please contact Human Resources at hr@alpha-port.com.