



Professional Opportunity

Reliability Engineer

Job Description

Alphaport, Inc. has an opening for a Safety and Reliability Engineer onsite at a NASA client facility in Cape Canaveral, FL. This full-time position supports reliability and maintainability analyses and assessments.

Key Responsibilities

- Conduct and review reliability and maintainability analyses and assessments of selected design, operational, or flow processing problems, prepare findings, provide recommendations for improvement, develop documentation (e.g. criticality assessments, Failure Modes and Effects Analyzes (FMEAs), CILs, Fault Tree Analysis, and reliability and maintainability prediction/analysis), and support the appropriate review forums.

Requirements

- Review and develop maintenance requirements and assess the adequacy of tests and inspections performed in those areas critical to reliability and maintainability.
- Perform selected Reliability-Centered Maintenance (RCM) and Maintenance Concept studies, including equipment repair time, mean down time, mean time between maintenance, equipment availability, and spares analysis.
- Prepare and review Probabilistic Risk Assessments (PRA).
- Perform and review reliability and maintainability trade-off studies and analysis.
- Provide guidance in Electronic, Electrical, Electromechanical (EEE) parts selection, procurement, application, and testing.

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.



Professional Opportunity

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.