



Example of Engineer Mission Assurance Job Description

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Our innovative and growing company is searching for experienced candidates for the position of engineer mission assurance. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for engineer mission assurance

- Provide USG representatives with recommendations for required Launch Verification Database (LVDB) updates, item closure and risk assessment functions, and applicable lessons learned
- Collaborate with engineering, program management and procurement functions to ensure quality standards are established and adhered to on the program and with suppliers
- Develop, modify, apply, and maintain quality evaluation and control systems and protocols for processing purchase orders for procurement of materials that are integrated into electromechanical sub-assemblies and assemblies
- Develop and maintain the program's Key Supplier listing to monitor supplier performance, and collect, assess, and report performance data on the program's suppliers
- Audit supplier quality systems to identify deficiencies and verify capabilities for special process
- Perform source inspections at supplier facilities for complex mechanical, electronic and electromechanical parts, and coordinate with contract inspectors to perform inspections as applicable
- Ensure that corrective measures meet acceptable quality and reliability standards and that documentation is compliant with requirements, and perform follow-up verification for effectiveness of corrective measures
- Strengthening Mission Assurance best practices on the program with focus on local skill development, risk management & early knowledge points,

- Proactive peer reviews and Technical Independent Reviews (TIRs) are part of the scope of this position, to coordinate with the DCE to identify and execute these reviews within the program master plan
- Additional responsibility of this position is to ensure Root Cause and Corrective Action (RCCA) is applied to engineering and/or program escapes and to foster preventive RCCA to maximize opportunity for quality products, program success, competitiveness, and customer satisfaction

Qualifications for engineer mission assurance

- The MAE verifies at major reviews and milestones that MDA/IC provisioned systems and services meet all identified requirements
- Ten plus years of Quality Engineering and/or Production Engineering experience
- Manufacturing background desired, familiarity with metals and electronics production
- Bachelors in Engineering, advanced degree preferred
- Minimum of 6 years of increasingly responsible aerospace design, manufacturing and/or quality experience
- Strong working knowledge of Safety & Mission Assurance policies, procedures, processes and systems