

Mission Assurance Engineer: Mission Assurance Engineer III

Defines and monitors mission assurance program specifications and processes to ensure mission success of programs. Performs or assures quality, risk management, safety, reliability and maintainability of program achievements, subcontractors and suppliers in accordance with contractual requirements. Assesses program performance and risks, and determines resources to ensure mission assurance. Work performed includes the following: Proposals, Contract Reviews and Requirements Flow Down, Design Reviews, Business Area Team Representative (PA Program Management), Cost Account and Schedule Management, Customer Liaison, Quality and Reliability Programs, Reliability/Maintainability Analysis/Techniques, FRACAS, Qualification/Reliability Tests, Engineering Change Board, Material Review Board, Support to Suppliers and Data Items.

Knowledge

Complete understanding and wide application of technical principle, theories and concepts in the field. General knowledge of other related disciplines. General understanding of application of Quality related technical principles, theories and concepts in the design, engineering, manufacturing, test and delivery of electronic systems. Possesses knowledge of the relationship of Quality and Mission Assurance with other disciplines. Understands the method for auditing, analyzing data and implementing corrective actions for administrative and manufacturing processes. Knows how to monitor budgets and work within defined schedules. Coordinates and participates in the control of budget and reduction of cost activities.

Problem Solving

Provides technical solutions to a wide range of difficult problems. Solutions are imaginative, thorough, practicable and consistent with organization objectives.

Discretion/Latitude

Works under only general direction. Independently determines and develops approach to solutions. Work is reviewed upon completion for adequacy in meeting objectives.

Impact

Contributes to the completion of specific programs and projects. Failure to obtain results or erroneous decisions or recommendations would typically result in serious program delays and considerable expenditure of resources.

Liaison

Frequent inter-organizational and outside customer contacts. Represents the organization in providing solutions to difficult technical issues associated with specific projects. Extensive internal contact with various groups and departments. Continuous contact with customer quality and technical reps, as well as subcontractors and suppliers.

Work Products (Examples may include but are not limited to)

Quality System Databases & Software Applications; i.e., TIPQA and FRACAS. Microsoft Office Applications. Working knowledge of applicable MIL-SPECS, including quality, reliability, statistical techniques and principles; operational planning and budgeting. Basic Knowledge of manufacturing technologies.

Minimum Education and Experience

5 - 8 years with BS in Electrical Engineering. 3 - 6 years with MS in Electrical Engineering.