

Quality Analyst: Sr. Quality Analyst

Develop and implement program quality plans, programs and procedures using statistical quality control statistics, lean manufacturing concepts and six-sigma tools and analyses. Ensures that performance and quality products conform to established company and regulatory standards. Reviews, analyzes and reports on quality discrepancies related to assembly, process, mechanical, electrical and electro-mechanical systems. Investigates problems and develops disposition and corrective actions for recurring discrepancies. Interfaces with manufacturing, engineering, customer, vendor and subcontractor representatives to ensure requirements are met. Recommends corrective actions, dispositions and modifications.

Knowledge

Contributes to the development of new concepts, techniques and standards. Considered an expert in the field within the organization. In-depth experience in Reliability/Maintainability predictions techniques. A working knowledge of applicable MIL-SPECS, including quality, reliability, statistical techniques and principles; operational planning and budgeting. Basic knowledge of manufacturing technologies.

Problem Solving

Develops solutions to complex problems that require the regular use of ingenuity and innovation. Ensures solutions are consistent with organization objectives.

Discretion/Latitude

Work is performed without appreciable direction. Exercises considerable latitude in determining objectives and approaches to assignment.

Impact

Effects of decisions are long-lasting and heavily influence the future course of the organization. Errors in judgment or failure to achieve results would result in the expenditure of large amounts of company resources.

Liaison

Serves as consultant to management and special external spokesperson for the organization on major matters pertaining to its policies, plans and objectives. Extensive internal contact with various groups and departments. Continuous contact with customer quality and technical representatives, as well as subcontractors and suppliers.

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

Assists in the evaluation of designs, products and processes to establish and maintain Quality and Reliability standards. Performs Product Assurance/QA functions in a program team environment. Reviews and approves Supplier Quality Control plans as required by specific programs; assures the proper implementation of Supplier Quality Assurance activities. Coordinates all quality inputs to design reviews and trade-off studies. Evaluates and approves final designs with qualification and reliability demonstration of the equipment. Provides technical direction and coordinates work activities of other Product Assurance personnel; schedules assigned tasks and reports on status of completion. Prepares schedules and estimates of Product Assurance activities to achieve budget and schedule commitments. Initiates programs to improve the quality of manufacturing operations and reduce the overall cost of quality in the manufacturing area. Interprets technical literature, specifications, standards and similar documents to assess applicability to contractual requirements. Establishes and maintains effective liaison with customers, subcontractors, suppliers, DPRO and representatives of other departments to achieve project objectives. Quality System Databases and Software Applications; i.e., TIPQA and FRACAS. Microsoft Applications.

Minimum Education and Experience

10+ years of directly related experience with a Bachelor's Degree in Electrical or Mechanical Engineering.