

Quality Assurance Engineer: Chief Engineer

Develops, modifies, applies and maintains quality evaluation and control systems and protocols for processing materials into partially finished or finished materials product. Collaborates with engineering and manufacturing functions to ensure quality standards are in place. Devises and implements methods and procedures for inspecting, testing and evaluating the precision and accuracy of products and production equipment. Designs and analyzes inspection and testing processes, mechanisms and equipment; conducts quality assurance tests; and performs statistical analysis to assess the cost of and determine the responsibility for, products or materials that do not meet required standards and specifications. Audits quality systems for deficiency identification and correction. Ensures that corrective measures meet acceptable reliability standards and that documentation is compliant with requirements. May specialize in the areas of design, incoming material, production control, product evaluation and reliability, inventory control and/or research and development as they apply to product or process quality. May be certified in lean and six-sigma quality engineering methodologies.

Discretion/Latitude

Acts with Business Areas in an engineering leadership capacity to uncover and resolve issues associated with the development and implementation of operational programs and business pursuits. Identifies, recommends, and aligns R&D programs and technological applications to accomplish long-range business objectives. Develops and maintains the Business Area Technology Roadmap. Work is checked only to the effectiveness of results obtained, typically from a short-term perspective for operational issues and longer-term perspective for technology alignment to Business Area strategies.

Knowledge, Skills and Abilities

Exhibits an exceptional degree of ingenuity, creativity, resourcefulness and technical leadership. Applies and/or develops highly advanced technologies, scientific principles, theories and concepts to meet the needs of the Business Area. Viewed as leading experts in applying technology and solving operational issues in support of Business Area objectives. Establishes long-range marketing plans and technology Roadmaps for the Business Area's products and services by identifying, analyzing, and developing new business opportunities. Establishes customer contacts, develops proposals, and delivers technical marketing presentations. Cultivates and maintains relationships with key decision makers.

Problem Solving

Applies technology and engineering leadership in the achievement of Business Area operational and strategic goals. Applications may be diverse and include newly developed concepts, theories and products, or engineering discipline.

Impact

Sets the technology direction for the Business Area and corrects the course of current errant technology direction when warranted. Erroneous decisions or recommendations would have a long-term negative effect on organization's reputation and business posture. Leads development and implementation of key programs and/or processes for the Business Area.

Liaison

Serves as consultant to Business Area top management in long-range company planning concerning new or projected areas of technological research, advancements, and current program technical performance. Prime spokesperson on Business Area's technical capabilities and future directions. Often instrumental in attracting and obtaining major new company business.

Minimum Education and Experience

20+ Years of broad and extensive professional experience with BS in Engineering or related field. Employees usually have advanced degrees in engineering.