

Quality Assurance Engineer: Quality Assurance Engineer I

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

Work is closely supervised. Follows specific, detailed instructions and/or guidance from more senior functional staff.

Knowledge, Skills and Abilities

Limited use and/or application of basic technical principles, theories, and concepts to specific job assignments.

Problem Solving

Develops solutions to routine technical problems of limited scope by following standardized practices and procedures.

Impact

Contributes to the completion of routine technical tasks. Failure to achieve results can normally be overcome without serious effect on schedules and programs.

Liaison

Contacts are primarily with immediate supervisor, project leaders, and other professionals in the section or group.

Minimum Education and Experience

0-2+ years with BS in designated Engineering or related field.