

# Quality Assurance Engineer: Quality Assurance Engineer III

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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**

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

## **Knowledge, Skills and Abilities**

Complete understanding and wide application of technical principles, theories, and concepts in the field. General knowledge of other related disciplines.

## **Problem Solving**

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

## **Impact**

Contributes to the completion of specific programs and projects. Failure to obtain results and/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 technical issues associated with specific projects.

## **Minimum Education and Experience**

5-8+ years with BS in designated Engineering or related field.