

# Quality Control Engineer: Quality Control Engineer III

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Develops and implements testing and inspection procedures. Tests raw material, chemicals and/or finished product to quality controls to ensure compliance with quality standards and applicable government regulations. Audits testing results to determine if product specifications are met. Advises operating units on quality control standards for raw materials, chemicals, packaging materials and finished products. Recommends corrective action where necessary and develops plant quality control manuals. Work performed includes the following: Contract Reviews, Inspection/Audit Practices, Material Review Board, Customer Liaison, Support to Suppliers, Quality Program, Engineering Change Board and Process Focus Team.

## **Knowledge**

Complete understanding and wide application of technical principle, theories and concepts in the field. General knowledge of other related disciplines. Administers and implements quality programs for assigned group of projects to insure maintenance of consistent quality standards for Product Line items. Develops systems and procedures to meet particular project requirements and develop quality data through standard techniques.

## **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. Internal: Direct dealings with reps from other departments. External: Direct dealings with customer and supplier representatives on quality matters.

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

Quality System Databases & Software Applications, i.e., TIPQA and FRACAS. Microsoft Office Applications. Inspection & Measurement Equipment i.e. Microscope. Thorough knowledge of test and statistical control methods.

## **Minimum Education and Experience**

5 - 8 years with BS; preferably in Electrical Engineering. May consider Mechanical Engineering. 3 - 6 years with MS; preferably in Electrical Engineering. May consider Mechanical Engineering. ASQC Quality Engineer Certification preferred.