

# Quality Control Engineer: Quality Control Engineer IV

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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**

Applies extensive technical expertise and has full knowledge of other related disciplines. Develops quality assurance systems and procedures to meet the requirements of assigned projects. Reviews quality estimates and prepares estimates for proposals.

## **Problem Solving**

Develops technical solutions to complex problems which require the regular use of ingenuity and creativity.

## **Discretion/Latitude**

Work is performed without appreciable direction. Exercises considerable latitude in determining technical objectives of assignment. Completed work is reviewed from a relatively long-term perspective for desired results.

## **Impact**

Guides the successful completion of major programs and may function in a project leadership role. Erroneous decisions or recommendations would typically result in failure to achieve major organizational objectives.

## **Liaison**

Represents the organization as the prime technical contact on contracts and projects. Interacts with senior external personnel on significant technical matters often requiring coordination between organizations. Continual internal contacts with various groups and departments on QC matters. Continual customer contact and subcontractor, supplier and field contact 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 inspector Operator Self Inspection, test, and statistical control methods.

## **Minimum Education and Experience**

9 - 13 years with BS; preferably in Electrical Engineering. May consider Mechanical Engineering. 7 - 11 years with MS; preferably in Electrical Engineering. May consider Mechanical Engineering.