



## **Career Pathway for Quality Control Inspection**

### **Career in Quality Control Inspection**

A Quality Control inspector is responsible for ensuring that products and services meet the established standards set by the company. Duties include maintaining strong overall quality control of products made by the company adhering to reliability, performance and customer expectation. Inspection of products is part of the job with the obligation to report and document findings. Although high school diploma or equiv. was often enough, today's industry requires an individual with specific quality-focus training or experience to be able to perform the work. GSHA training prepares the individual to achieve the skill sets needed. Depending on the organization, the typical job progression for a quality control inspector is to a managerial role

### **Responsibilities for Quality Control Inspector**

- Inspect products to ensure that they meet quality standards
- Create tests for quality control of products
- Disassemble product parts to inspect them individually
- Monitor production operations to ensure conformance to company specifications
- Ensure products meet customer expectations based on company objectives
- Communicate the results of inspections and put forward corrective suggestions
- Write reports to document deficiencies and errors of products

### **Common Job Functions**

- Quality Control Containment Workers ( Sorters)
- Quality Control Inspectors
- Quality Control Analyst
- Quality Control Liaisons (Customer Quality Rep)
- Quality Control Coordinators
- Quality Control Technician

### **Common Manufacturing Industries**

- Automotive Manufacturing
- Clothing Manufacturing
- Aerospace
- Medical Devices
- Rail Transportation



## Quality Control Inspection Competency and Training Curriculum

Training Type	Target Participant	Task
(A) Core Quality Tools	Everyone	Execute, Implement Work
(B) Technical/Specialize Quality Tools	Job Specific	Organize, Prioritize Specific Projects
(C) Leadership Quality Tools	Leaders	Set Directives, Objectives, Strategy

### Core Quality Courses (A)

- Data Collection & Grouping
- Effective Communication
- Basic Problem-solving
- Manufacturing Quality Operating Systems
- Measurement Method(s) & Inspection
- Inclusion/Diversity
- 6M's of Variation
- Data Analysis & Visualization
- Customer Satisfaction
- Eliminating Self-Defeating Behaviors
- Manufacturing Orientation/ Onboarding

### Technical /Specialize Quality Courses (B)

- Component Search (A vs. B Study)
- Design of Experiment (DOE)
- Contingency Plans
- Data Analytics
- Quality Alert & Triggers
- Data Lag and Time Management
- 5 S
- Visual Management
- 7 Types of Waste
- Layer Process Audit (LPA)
- Quality Management System
- Advance Product Quality Planning (APQP)
- PPAP
- Control Plans
- FMEA's
- Process Flow Diagram
- Mistake-Proofing
- 8 Discipline Problem-Solving
- Six Sigma Green-Belt
- Design For Assembly (DFA)

### Leadership Quality Courses

- Lean Learning Academy
- Six Sigma Orange Belt
- NACE Codes
- Inclusion Training
- Behavioral Interviewing
- Policy Deployment Process
- Dojo Learning Process
- Value Stream Mapping
- Lean Principles
- Supplier Quality Management

*To customize a career pathway curriculum that can be completed within 4-6 weeks with job placement assistance, please contact us at [info@gshasolutions.org](mailto:info@gshasolutions.org)*

### Typical Quality Control Career Path

