

Effective Quality Assurance & Control

Boston, Massachusetts (USA)

11 - 15 August 2025

UK Training

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Effective Quality Assurance & Control

Code: QM28 From: 11 - 15 August 2025 City: Boston, Massachusetts (USA) Fees: 5700 Pound

Introduction

This course is designed to enable QA/QC personnel to acquire the essential knowledge and skills in order to establish an effective QMS or interest in developing and advancing their career on the subject.

Course Objective

- Understand the basic roles and responsibilities of Quality Control/ Quality Assurance functions.
- Understand the basic concept of "quality" and how it fits into an organization's products, services, and strategies.
- Define the differences between Quality Control and Quality Assurance.
- Adopt quality methodologies that have been used in the relevant industry.
- Overcoming quality-related challenges.
- Acquire the methodologies to detect, collect data/ information, record, and report anomalies.
- Equip oneself with essential measuring and monitoring quality tools.
- Evaluate the quality level statistically.

Course Outline

Day 1

Quality Control & Quality Assurance

- Introduction Quality Control & Quality Assurance.
- Being the Best in Class.
- Understanding The Needs of Quality Management System.
- Understanding Customers' Needs and Expectations?

Managing Quality Effectively

- Understanding The Juran's Trilogy for Effective Quality Planning, Implementation, Control, and Improvement.
- Identifying the Challenges Relating To the 3 Components i.e., Control, and Improvement.
- Understanding What Is Quality Assurance.
- Quality Assurance is Everyone's Responsibility.

Day 2

Cost Of Quality

A graphic of a chessboard with several chess pieces (a king, a queen, a rook, and a knight) on it. The board is white and black, and the pieces are gold and silver. The text 'UK Training PARTNER' is overlaid on the board.

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- Understanding The Cost Of Quality.
- Understanding Being Effective and Efficient.
- Eliminating The 7 Wastes.
- Applying The COQ Applications for Quality Assurance.

Day 3

Quality Management System for Effective QA Management

- Understanding the Process Model for Effective QA.
- Understanding the Context of the Organization & QMS.
- Demonstrating the Leadership.
- Risk Management for Effective Prevention.
- Effective Resources Management.
- Effective Operations Planning and Control.
- Monitoring, Measurement, Analysis, and Evaluation.
- Remedial, Corrective, and Preventive Improvement.
- Case Study: Risk-Based Approach to Effective QA.

Day 4

Effective Quality Assurance and Quality Control Management

- Understanding The Needs and Expectations Of Non-Conformance And Follow-Up Action.
- Effective Way for Correcting a Non-Conforming Product and/ or Process.
- Implementing Controls for Better Process Management.
- Understanding the Difference between Corrective and Preventive Action.

Day 5

Effective Quality Management System Improvement for Excellent Business Management System

- Understanding the Need for Continual and Continuous Improvement as a Business Catalyst.
- Establishing Kaizen as a Platform for Improvement.
- Determining the Essential Tools and Methods for Effective QA/QC.
- Delivering the Buy-In to Address the People's Issues.

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 International House 185 Tower Bridge
Road London SE1 2UF United Kingdom

 +44 7401 1773 35
+44 7480 775526

 Sales@blackbird-training.com

 www.blackbird-training.com

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