



Consulting and Training | Reach New Heights

Course Name

Certified Quality Inspector (CQI) Preparation

Sector Name

Quality Management & Operational Excellence

Document Type

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Certified Quality Inspector (CQI) Preparation

Course Introduction

The Certified Quality Inspector (CQI) is an inspector who, in support and under the direction of quality engineers, supervisors, or technicians, can use the proven techniques included in the body of knowledge.

Under professional direction, the CQI evaluates hardware documentation, performs laboratory procedures, inspects products, measures process performance, records data, and prepares formal reports.

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Certified Quality Inspector (CQI) Preparation

Target Audience

- ✓ Practitioners in quality and audits
- ✓ Senior members and managers of organisations who need to understand the significance of training employees on quality management
- ✓ Quality team members
- ✓ Professionals aspiring to undertake a quality-related certification
- ✓ Construction project owners
- ✓ Design consultants
- ✓ Construction contractors
- ✓ Architects
- ✓ Non-engineering construction professionals

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Learning Objectives

- ✓ Understand the content covered by the four main domains in the ASQ CQI BoK.
- ✓ Practice the concepts contained in the ASQ CQI BoK.
- ✓ Become familiar with questions similar to those on the ASQ CQI exam

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Course Outline

✓ DAY ONE

Technical Mathematics

- ✓ Basic Shop Math
- ✓ Basic Algebra
- ✓ Basic Geometry
- ✓ Basic Trigonometry
- ✓ Measurement Systems
- ✓ Numeric Conversions

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Course Outline

✓ DAY TWO

Metrology

- ✓ Common Gauges and Measurement Instruments
- ✓ Special Gauges and Applications
- ✓ Gauge Selection, Handling, and Use
- ✓ Surface Plate Tools and Techniques
- ✓ Specialized Inspection Equipment
- ✓ Calibration
- ✓ Measurement System Analysis (MSA)

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Course Outline

✓ DAY THREE

Inspection And Test

- ✓ Blueprints, Drawings, Geometric Dimensioning and Tolerancing (GD&T), and Model-Based Definitions
- ✓ Sampling
- ✓ Inspection Planning and Processes
- ✓ Testing Methods
- ✓ Software for Test Equipment

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✓ DAY FOUR

Quality Assurance

- ✓ Basic Statistics and Applications
- ✓ Statistical Process Control (SPC)
- ✓ Quality Improvement
- ✓ Quality Audits

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✓ **DAY FIVE**

Quality Assurance (continuation)

- ✓ Quality Tools and Techniques
- ✓ Problem-Solving Tools and Continuous Improvement Techniques
- ✓ Resources

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Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
Nov. 9, 2026	Nov. 13, 2026	5 days	4250.00 \$	UAE , Dubai
March 14, 2027	March 18, 2027	5 days	4250.00 \$	Qatar , Doha
Aug. 23, 2027	Aug. 27, 2027	5 days	4950.00 \$	Spain , Barcelona
June 27, 2027	July 1, 2027	5 days	4250.00 \$	Morocco , Marakesh

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