

€ TRAINING

Quality Infrastructure in a Dynamic World



2 - 6 February 2025
Cairo (Egypt)



Quality Infrastructure in a Dynamic World

REF: M2670 DATE: 2 - 6 February 2025 Venue: Cairo (Egypt) - Fee: 3520 Euro

Introduction:

In today's rapidly evolving environment, maintaining and enhancing quality infrastructure is crucial for organizational success and sustainability. This training program is designed to equip participants with the knowledge and skills needed to navigate and thrive in a dynamic world, ensuring robust and resilient quality systems.

Program Objectives:

By the end of the program, participants will be able to:

- Understand the fundamental principles of quality infrastructure.
- Learn strategies to adapt quality systems in a changing environment.
- Develop skills to implement and maintain quality standards.
- Explore innovative approaches to quality management.
- Enhance decision-making abilities related to quality infrastructure.

Target Audience:

- Quality Assurance Managers.
- Operations Managers.
- Engineers and Technicians.
- Project Managers.
- Quality Control Specialists.

Program Outlines:

Unit 1:

Foundations of Quality Infrastructure:

- Introduction to Quality Infrastructure.
- Importance of Quality in Dynamic Environments.

- Key Components of Quality Systems.
- Standards and Regulations in Quality Infrastructure.
- Role of Leadership in Quality Management.

Unit 2:

Adapting Quality Systems:

- Identifying and Responding to Change.
- Flexibility in Quality Processes.
- Continuous Improvement Techniques.
- Risk Management and Mitigation.
- Case Studies of Adaptive Quality Systems.

Unit 3:

Implementing Quality Standards:

- Overview of International Quality Standards ISO, etc..
- Steps to Implementing Quality Standards.
- Auditing and Compliance.
- Training and Development for Quality.
- Measuring and Evaluating Quality Performance.

Unit 4:

Innovative Approaches to Quality Management:

- Quality 4.0 and Digital Transformation.
- Use of Big Data in Quality Management.
- Lean and Six Sigma Methodologies.
- Integrating Quality with Business Strategy.
- Future Trends in Quality Infrastructure.

Unit 5:

Enhancing Decision-Making in Quality Infrastructure:

- Data-Driven Decision Making.
- Tools and Techniques for Quality Analysis.
- Strategic Planning for Quality Improvement.
- Stakeholder Engagement in Quality Decisions.
- Building a Quality-Oriented Culture.