



*Training Course:
Asset Management Assessor: Fundamentals of
Asset Evaluation and Optimization*

*6 - 10 April 2025
Doha (Qatar)*

Training Course: Asset Management Assessor: Fundamentals of Asset Evaluation and Optimization

Training Course code: FI235522 From: 6 - 10 April 2025 Venue: Doha (Qatar) - Training Course Fees: € Euro

Introduction

This training program is designed to provide participants with essential knowledge and skills to assess asset management systems effectively. It introduces key principles, tools, and techniques used to evaluate, optimize, and enhance the performance of physical and non-physical assets within organizations. This course is ideal for individuals looking to develop a solid foundation in asset management assessment, enabling them to drive continuous improvements in organizational asset performance and risk management.

Target Audience

- Asset Managers
- Maintenance Managers
- Risk Management Professionals
- Operations Managers
- Auditors and Compliance Officers
- Facility Managers
- Professionals involved in asset life cycle management

Objectives

- Understand the fundamentals of asset management and the ISO 55000 series standards.
- Develop skills to assess and evaluate asset management systems.
- Learn how to conduct risk-based evaluations of asset performance.
- Apply tools and techniques for optimizing asset management practices.
- Identify areas for improvement and suggest corrective actions for asset management processes.

Outline

Day 1: Introduction to Asset Management and Standards

- Session 1: Overview of Asset Management Principles

- What is asset management?
- Importance of effective asset management in organizations
- Key elements of an asset management system
- Session 2: Understanding ISO 55000 Standards
 - Overview of ISO 55000, ISO 55001, and ISO 55002
 - Key principles and requirements of asset management standards
 - Aligning organizational goals with asset management practices
- Session 3: Asset Management Maturity Models
 - Stages of asset management maturity
 - Introduction to asset management maturity assessment

Day 2: Asset Life Cycle Management

- Session 1: Asset Life Cycle Overview
 - Key stages of an asset life cycle: Acquisition, operation, maintenance, and disposal
 - Integrating asset life cycle management with organizational objectives
- Session 2: Tools for Asset Life Cycle Assessment
 - Techniques for evaluating asset performance during different life cycle stages
 - Life cycle costing LCC and its importance in asset decision-making
- Session 3: Risk and Reliability in Asset Management
 - Introduction to risk-based asset management
 - Methods for assessing asset reliability and risk

Day 3: Asset Performance and Data Management

- Session 1: Measuring Asset Performance
 - Key performance indicators KPIs for asset management
 - Techniques for monitoring and measuring asset effectiveness
- Session 2: Asset Data Management and Analytics

- Importance of accurate asset data for decision-making
- Tools for managing and analyzing asset data
- Introduction to asset performance management software
- Session 3: Predictive Maintenance and Condition Monitoring
 - Techniques for predictive maintenance
 - Introduction to condition-based monitoring

Day 4: Asset Risk Assessment and Auditing

- Session 1: Conducting Asset Risk Assessments
 - Identifying, analyzing, and mitigating asset risks
 - Risk assessment tools and methodologies for asset management
- Session 2: Asset Auditing and Assessment
 - Key aspects of an asset audit
 - Tools and techniques for asset auditing
 - Conducting internal and external audits of asset management systems
- Session 3: Reporting and Documentation
 - Best practices for asset management documentation
 - How to present audit findings and recommendations

Day 5: Continuous Improvement and Case Studies

- Session 1: Continuous Improvement in Asset Management
 - Strategies for continuous improvement in asset management
 - Implementing feedback loops and corrective actions
- Session 2: Case Studies in Asset Management Assessment
 - Review of successful asset management assessment projects
 - Lessons learned and practical applications

- Session 3: Workshop: Conducting an Asset Management Assessment
 - Hands-on assessment exercise
 - Developing and presenting asset assessment reports
 - Group discussion and feedback

Registration form on the Training Course: Asset Management Assessor: Fundamentals of Asset Evaluation and Optimization

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