MERCURY

Asset Management Assessor

Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
Amman - Jordan: +962 79 712 3347

Asset Management Assessor

Introduction:

The Asset Management Assessor course equips professionals with the theoretical knowledge and practical frameworks needed to assess an organization’s asset management system. It introduces the foundations of best practices in physical, financial, and information assets across their lifecycle. Learners will explore global standards, such as ISO 55001, and the frameworks used by assessors to evaluate compliance and performance.

The Asset Management Assessor program emphasizes evaluation methodologies, gap analysis, improvement planning, and assessment reporting. Throughout the training, participants refine their analytical judgment in the context of asset management assessment tasks. Participants will be ready to act as assessors or lead the evaluation of asset management systems.

Targeted Groups:

This Asset Management Assessor training targets professionals seeking specialized knowledge and skills:

- Quality, reliability, or maintenance managers.
- Asset portfolio managers or planners.
- Internal auditors and compliance officers.
- Consultants in infrastructure or facilities management.
- Engineers oversee the asset lifecycle and investment.
- Risk and governance professionals participating in asset reviews.

Course Objectives:

Participants will achieve the following objectives by completing the Asset Management Assessor course:

- Understand the principles, terminology, and scope of asset management assessment.
- Interpret and apply the ISO 55000 series standards within assessment contexts.
- Learn how to design assessment criteria, checklists, and performance metrics.
- Master techniques to collect, validate, and analyze data from asset systems.
- Conduct gap analyses, benchmarking, and root-cause diagnosis.
- Formulate recommendations and improvement plans in assessor reports.
- Simulate assessment engagements and defend findings.

Targeted Competencies:

Participants will gain the following competencies during the Asset Management Assessor program:

- The ability to assess an asset management system against ISO 55001 and organizational requirements.
- Skill in designing and applying quantitative and qualitative evaluation metrics.
- Competency in stakeholder interviews, evidence collection, and audit techniques.
- Analytical thinking to detect gaps, risks, inefficiencies, and failures in asset strategies.
- Adeptness in benchmarking, comparative analysis, and performance scoring.
- Capability to prepare clear, justified assessment reports and recommendations.
- Confidence in presenting findings, debating conclusions, and engaging senior leadership.

Studying Scenarios:

In this Asset Management Assessor training, participants will develop their skills through the analysis of the following scenarios:

- A utility company is implementing a new asset strategy and needs an independent assessment.
- The transportation authority is seeking to evaluate maintenance planning and asset lifecycle.
- A manufacturing plant is facing asset failures and requesting a gap analysis.
- A mid-size organization requiring risk evaluation in its asset portfolio.
- The municipal infrastructure body is auditing asset renewal policies.
- An assessor is evaluating whether an organization meets asset management best practices.

Course Content:

Unit 1: Foundations of Asset Management & Assessment:

- Definitions, scope, and significance of asset management in organizations.
- Asset classes: physical, financial, information, digital assets.
- The asset lifecycle and value realization concepts.
- Overview of ISO 55000, ISO 55001, and related standards and guidelines.
- Global frameworks: GFMAM Asset Management Landscape, PAS55 history.
- Role and responsibilities of an asset management assessor.
- Relationship between asset assessment and audit.

Unit 2: Context, Governance & Strategic Alignment:

- Context analysis: internal and external drivers, stakeholder expectations.
- Governance, leadership, policy, and strategic alignment for assets.
- Risk and opportunity management in asset systems.
- Strategic objectives, asset objectives, and performance metrics.
- Assessment of organizational capacity, resources, and enabling functions.
- Assessing policy, objectives, and alignment with corporate strategies.

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Unit 3: Asset Knowledge, Data & Enabling Systems:

- Asset information management and data strategy.
- Enabling systems: CMMS, EAM, and condition monitoring platforms.
- Assessing data quality, integrity, and governance.
- Knowledge management, documentation, and competence.
- Assessment of tools, software, and decision support systems.
- Integration with other systems e.g., financial, risk, quality.

Unit 4: Lifecycle Delivery, Performance & Improvement:

- Delivery processes: planning, acquisition, operations, maintenance, disposal.
- Performance evaluation: KPIs, metrics, benchmarking.
- Gap analysis and root-cause analysis techniques.
- Continuous improvement, corrective action, and feedback loops.
- Change management and culture in asset management improvement.
- Assessing resilience, redundancy, and sustainability in asset systems.

Unit 5: Assessment Methodologies, Reporting & Practice:

- Designing assessment plans, schedules, and audit checklists.
- Collection of evidence: interviews, records, site visits, observations.
- Scoring models, weighting, and assessment calibration.
- Synthesizing findings, risk ranking, and conclusions.
- Preparing a formal assessment report and improvement roadmap.
- Presentation of findings, defending conclusions, and stakeholder engagement.
- Mock assessment exercise: role play, critique session.

Final Insights & Key Takeaways:

Completing the Asset Management Assessor course empowers participants to conduct robust assessments of asset systems, aligning with global standards and organizational goals. They will lead assessments, propose improvements, and support audit readiness in their organizations.