ISO 55001 Asset Management Systems Implementation Training Course

18 - 22 Oct 2026

Dubai

4800 € (Per Person)

Ref: #ISO3137_216100

Course Introduction / Overview:

This comprehensive course provides a deep dive into the principles and requirements of the ISO 55001 standard for asset management systems. It is designed to equip participants with the knowledge and skills necessary to effectively implement, maintain, and improve an Asset Management System (AMS) that aligns with organizational objectives and enhances value realization from assets. Moving beyond mere theoretical understanding, this program focuses on the practical application of the standard, ensuring that assets are managed efficiently and effectively throughout their entire lifecycle. As influential author John S. Mitchell emphasizes in his works on physical asset management, a structured approach is critical to optimizing performance and minimizing risk. This training course from BIG BEN Training Center translates such expert principles into actionable strategies. Participants will explore the core components of the ISO 55000 series, including the development of a strategic asset management plan (SAMP), risk-based decision-making, and performance evaluation. The curriculum is structured to build competency from the ground up, making it an indispensable resource for professionals aiming to lead their organizations toward ISO 55001 certification and achieve excellence in asset management.

Target Audience / This training course is suitable for:

- Asset Managers and Practitioners.
- Maintenance and Reliability Managers.
- Operations and Production Managers.
- Engineering and Technical Services Professionals.
- Facilities and Infrastructure Managers.
- Finance and Procurement Managers involved in asset investment.
- Quality and Compliance Managers.
- Internal and External Auditors.
- Consultants specializing in asset management systems.

Target Sectors and Industries:

- Manufacturing and Industrial Production.
- Oil, Gas, and Petrochemical Industries.
- Power Generation and Utilities (Water, Electricity).
- Transportation and Logistics (Aviation, Rail, Marine).
- Mining and Natural Resources.
- Pharmaceuticals and Healthcare.
- Telecommunications and Information Technology.
- Public Sector and Governmental Agencies.
- Real Estate and Property Management.

Target Organizations Departments:

- Operations and Production Departments.
- Maintenance and Reliability Departments.
- Engineering and Project Management Departments.
- Finance and Accounting Departments.
- Procurement and Supply Chain Departments.
- Health, Safety, and Environment (HSE) Departments.
- Quality Assurance and Control Departments.
- Strategic Planning and Corporate Governance Departments.
- Information Technology (IT) Departments.

Course Offerings:

By the end of this course, the participants will have able to:

- Interpret the requirements of the ISO 55001:2014 standard in a practical context.
- Define the scope and boundaries of an Asset Management System (AMS).
- Develop a robust asset management policy and strategic asset management plan (SAMP).
- Establish clear asset management objectives aligned with organizational goals.
- Implement risk and opportunity management processes for assets.
- Structure the necessary documentation for an ISO 55001 compliant system.
- Plan and conduct effective internal audits of the asset management system.
- Prepare the organization for a successful third-party certification audit.
- Drive continual improvement within the asset management framework.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be highly interactive and participant-centered, ensuring a deep and practical understanding of ISO 55001. We believe that adult learning is most effective when it connects theory to real-world application. Therefore, our expert instructors facilitate a blend of learning techniques, including detailed presentations, practical exercises, and collaborative group discussions. Participants will engage with relevant case studies drawn from various industries to analyze challenges and successful implementation strategies. Team-based workshops will be used to simulate key processes such as risk assessment, developing a strategic asset management plan (SAMP), and preparing for a management review. This hands-on approach allows participants to apply concepts immediately and receive constructive feedback. The course encourages active participation, with ample opportunities for question-and-answer sessions to clarify complex topics. Our goal is to create a dynamic learning environment that not only imparts knowledge but also builds the confidence needed to implement and manage a world-class asset management system.

Course Agenda (Course Units):

Unit One: Introduction to Asset Management and the ISO 55000 Series

- Understanding the fundamentals of asset management.
- The business case for implementing an asset management system.
- Overview of the ISO 55000, ISO 55001, and ISO 55002 standards.
- Key terms, definitions, and principles of asset management.
- Clause 4: Understanding the context of the organization.
- Identifying internal and external issues relevant to the AMS.
- Determining the scope of the asset management system.

Unit Two: Leadership, Commitment, and Strategic Planning

- Clause 5: Leadership and commitment in asset management.
- Defining and communicating the asset management policy.
- Establishing organizational roles, responsibilities, and authorities.
- Clause 6: Planning for the asset management system.
- Actions to address risks and opportunities for the AMS.
- Setting asset management objectives and planning to achieve them.
- Developing the Strategic Asset Management Plan (SAMP).

Unit Three: Support and Operational Framework

- Clause 7: Support requirements for the asset management system.
- Determining and providing necessary resources.
- Ensuring competence and awareness of personnel.
- Managing communication strategies for the AMS.
- Defining asset management information requirements.
- Creating and controlling documented information.
- Clause 8: Operational planning and control.

Unit Four: Performance Evaluation and Analysis

- Clause 9: Performance evaluation of the asset management system.
- Monitoring, measurement, analysis, and evaluation methods.
- Establishing key performance indicators (KPIs) for assets.
- Planning and conducting internal audits of the AMS.
- The process and inputs for management review.
- Analyzing audit findings and management review outputs.
- Techniques for evaluating asset performance and health.

Unit Five: Improvement, Audit Preparation, and Certification

- Clause 10: Improvement processes within the AMS.
- Managing nonconformity and implementing corrective actions.
- Strategies for continual improvement of the system.
- Preparing for the ISO 55001 certification audit.
- Understanding the stages of a third-party audit.
- Common challenges and pitfalls in implementation and auditing.
- Sustaining the system and fostering a culture of asset management excellence.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

Beyond compliance, how can an organization leverage its Strategic Asset Management Plan (SAMP) to drive innovation and secure a long-term competitive advantage in a volatile market?

What unique qualities does this course offer compared to other courses?

This course distinguishes itself by moving beyond a purely clause-by-clause interpretation of the ISO 55001 standard. Its core strength lies in a holistic and strategic approach, focusing on how to integrate the asset management system seamlessly into the organization's broader business strategy to create tangible value. While other courses may focus on the mechanics of compliance, this program emphasizes the "why" behind the "what," exploring how risk-based thinking and lifecycle value realization can transform asset management from a cost center into a strategic enabler of organizational goals. We delve into the critical relationship between the asset management policy, the strategic asset management plan (SAMP), and corporate objectives, ensuring participants can champion the system at an executive level. The curriculum is enriched with practical insights on stakeholder engagement, change management, and fostering a culture of reliability and continuous improvement. Rather than just preparing for an audit, this course prepares leaders to build a resilient, efficient, and forward-looking asset management capability that delivers a sustainable competitive advantage.