



Asset Management & ISO 55000 Series

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International
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Standardization



Course content

Why Choose this Training Course?

Asset management is vitally important for all capital-intensive industries which rely on cost effective and trouble-free operation of their plant and equipment. Getting the right dialogue taking place between cross functional groups such as new project, commissioning, operation & maintenance is necessary so that joined up thinking takes place and the life cycle costs of assets are minimized. This intensive asset management training course will help to give focus on the drive to improve management practices by presenting standards, methodologies and guidance how to set up good asset management. This Asset Management & ISO 55000 Series training course will feature how the international standard on Asset Management, ISO55000, can be used to implement the best and latest practices.

This Asset Management & ISO 55000 Series training course discusses in depth the key features involved in asset management throughout the life cycle of equipment. Best practices drawn from a range of different industries are introduced. In addition, the skills, attitudes and competencies necessary for effective asset management are fully discussed. The latest tools and techniques are introduced and explained with a minimum of jargon so that delegates can see how to use them in their situation. The asset management standard ISO 55000 series is introduced and reviewed. The link between its sections and important aspects of asset management which have been discussed is highlighted. Where to obtain further information about the standard and how to assess one's organization against it are discussed.

This training course will feature:

- The asset management system, organization & risk-based framework specified in ISO 55000 series
- Life cycle costing advantages and issues
- Asset policies & strategies derived from the business plan
- Formulating effective asset management plans and ensuring that they are carried out
- Continuous improvement and the learning organization

What are the Goals?

At the end of this training course, delegates will be able to make a substantial, positive impact on the asset management best practices within their organization, specifically:

- Provide a step-by-step guide to Asset Management best practices (as part of ISO 55000)
- Understand best practice techniques for achieving effective asset management
- Discuss & learn the practical application of these best practices, through case studies & exercises
- Understand the range of technical & human risks associated with asset management & how they can be mitigated
- Develop an action plan to utilize these technologies in their own areas of responsibility, fitting them into the overall asset management strategy, and measuring benefits



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Course Outline

Day One: Principals of Asset Management

Asset Management as a business process
Asset Management scope & definitions
Asset Management strategy & planning
Asset Management roles
ISO 55000 ± the international standard on Asset Management

Day Two: Assessing & Managing Asset Management Risks

Risk in Asset Management
Risk on business level
Stakeholder risks
Risk on asset level ± Risk Based Maintenance

Day Three: Asset Management Policy, Strategy and Planning

Asset Management Policy
Developing (Strategic) Asset Management Plan(s)
Implementing (Strategic) Asset Management Plan(s)
Long Term Maintenance & Investment Planning
Information and configuration management

Day Four: Managing Asset Lifecycle Decisions & Activities

Life cycle of assets and its aspects
Systems Engineering & RAMS (Reliability Availability Maintainability Safety)
Renewal, disposal and lifetime extension decisions
Sourcing

Day Five: Financial & Business Impact of Asset Management

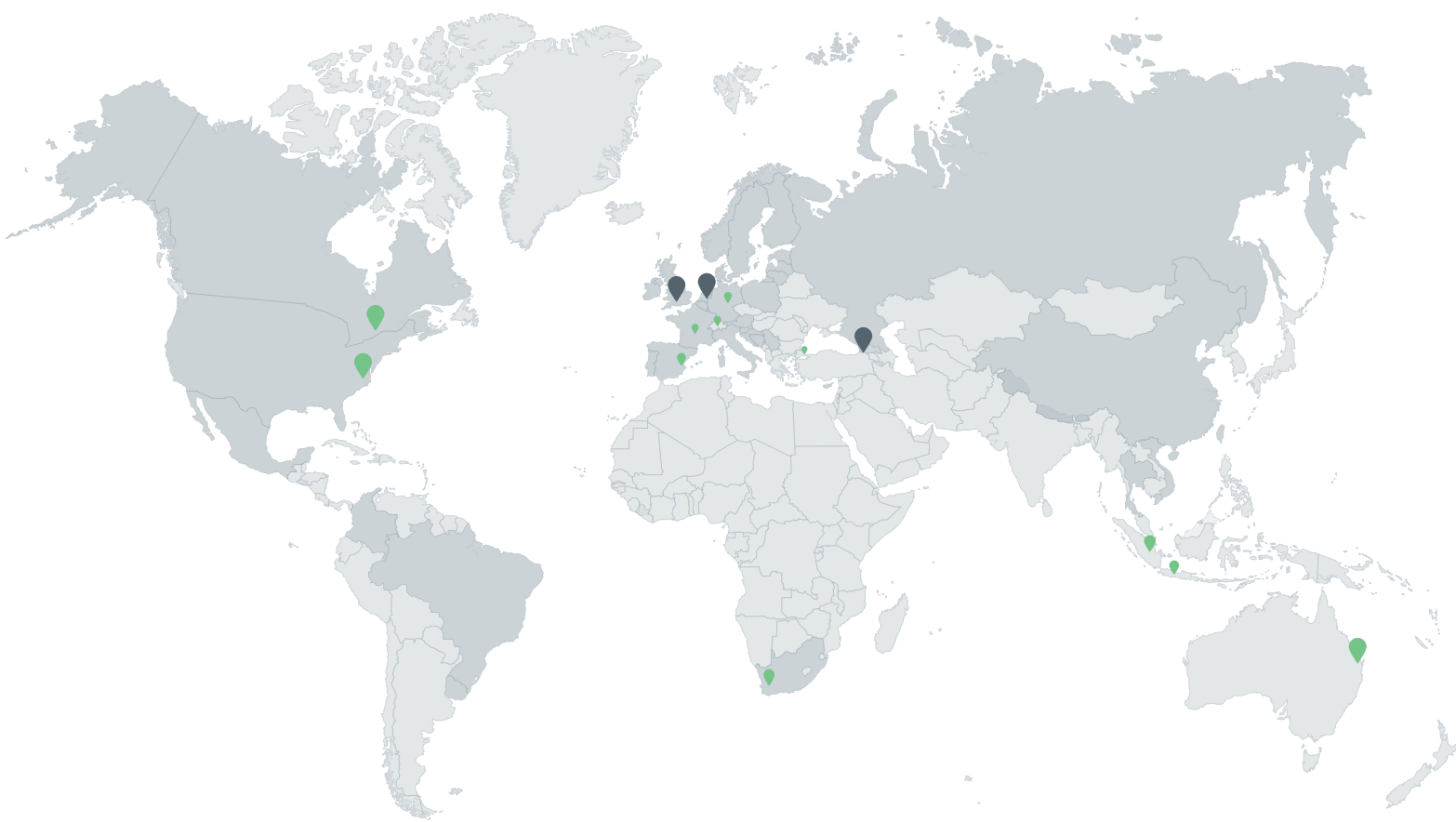
Financial Management ± basics
Life Cycle Costing
The business case for Asset Management
Wrap-up

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