



Asset & Maintenance Audit & Site Inspection



Introduction:

This course enables you to develop a powerful vision for asset & maintenance management improvement and improve your abilities to successfully promote and adapt changes in the work place. You will learn how to apply several audit & assessment techniques to assess the asset & maintenance management maturity and identify performance gaps. You will learn how to relate the assessment results to external benchmarks like PAS 55 and ISO 55000. You will understand how to transfer the assessment results into an action plan that improves the business continuity of the organization.

This Maintenance Audit & Site Inspection training course will feature:

- Overview and practical application of maintenance audit techniques
- Usage of international benchmark standards PAS 55 & ISO 55000
- Developing a powerful vision for maintenance improvement
- How an audit fits in the asset management framework
- How to transfer assessment results into a concrete action plan for improvement

Who Should Attend?

Reliability Engineers, Maintenance Managers, Engineers & Planners, Reliability and Maintenance Engineers, Facilities and Utilities Managers, Design Engineers, Top Level Maintenance Technicians, OE Champions, Predictive and Preventive Maintenance, Technicians & Supervisors, Planners, Maintenance Supervisors, Crafts and Tradesmen, Operations Supervisors, Process Engineers, Inspectors and Inspection Supervisors, Equipment Engineers Team Leaders and Professionals in Maintenance, Engineering and Production, Maintenance managers, reliability and maintenance Engineers, Production Managers, Plant Engineers, Design Engineers, Reliability Engineers and Technicians, Operators, Safety Engineers, Risk Engineers, Safety Engineers and anyone who is involved in Reliability Engineering strategies or methodologies to include design engineers for capital projects engineers, Foreman and Technicians, Mechanical, Electrical and Operational Personnel, Personnel designated as Planners, Key leaders from each maintenance craft, Key operations personnel, Technical professionals responsible for maintenance and repair of equipment, Professionals involved in inspection and maintenance and repair, professionals involved in asset & maintenance management auditing, Quality & Compliance Managers, Lead Auditors & Audit Team Members, Process Controllers, Maintenance Supervisors, Maintenance Planners, Predictive Maintenance Technicians & Supervisors, Materials Management Managers and Supervisors, Service Company Representatives, Asset owners & Asset Managers

Course Objectives:

By the end of this course delegates will be able to:

- Apply assessment techniques to identify performance gaps and improvement potential
- Benchmark their maintenance organization against international world class standards
- Understand the added value of asset & maintenance management to the business process
- Explain how maintenance audits are related to the asset management framework and why they are beneficial
- Understand the basic principles of maintenance audits & site inspections
- Set up a concrete implementation plan based on assessment results

Course Outline:

Asset & Maintenance Management Basics

- Asset & maintenance management as a business process
- Asset management landscape model, The asset management system
- Strategy framework
- International standards on asset & maintenance management: PAS 55 & ISO 55000
- Where the maintenance audit fits in

Best Practices in Asset & Maintenance Management

- Risk management & risk based maintenance concepts
- RAMS, Systems Engineering
- Whole Life Costing principles
- Workflow management
- Organization, people & improvement
- Performance monitoring, (Key) Performance indicators

Maintenance Auditing Principles & Techniques

- Auditing principles, from preparation to reporting
- Process audit
- Site inspection
- Asset & Maintenance assessment, gap analysis
- Certification audit for ISO 55000
- Benchmarking

Interpreting Audit Results & Implementing the Improvement

- The performance gap, defining the goals
- Finding improvement potential & actions
- Defining work packages & improvement plan
- Develop the business case, multi criteria analysis
- Implementation aspects and periodic auditing
- How to make it work? change management

Interactive Course: Now we do it ourselves!

- Analysis of the business, business goals
- Preparing the audit
- Execute the gap analysis
- Define actions, work packages & improvement plan
- The business case, is it worth the money
- Present your results to management