Maintenance Audit And Site Inspection

Introduction:

This highly interactive training 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 workplace. 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 course will feature:

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

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- How to transfer assessment results into a concrete action plan for improvement

Training Methodology:

This course will utilise a variety of proven-adult learning techniques to ensure maximum understanding, comprehension and retention of the information presented. This includes interactive workshop principles, a variance of lectures and practical exercises. Experiences from different areas will be discussed. There will be many opportunities for discussion and sharing experiences.

Who Should Attend?

This course is suitable to a wide range of professionals involved in the area of asset and maintenance management, but will greatly benefit:

- Operations & Maintenance professionals

- Asset owners & Asset Managers

- Maintenance engineers & business improvement leaders

- All professionals involved in asset & maintenance management auditing

- Quality & compliance managers

- Lead auditors & audit team members

- Anyone who wishes to update themselves on asset & maintenance assessments

Course Objectives:

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

- 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

- Apply assessment techniques to identify performance gaps and improvement potential

- Benchmark their maintenance organization against international world class standards

- Set up a concrete implementation plan based on assessment results

Course Outline:

DAY 1

Asset & Maintenance Management Basics

- Asset & maintenance management as a business process

- Asset management landscape model – The asset management system

- Strategy framework

  - ❖ Line of sight

  - ❖ Asset management policy, asset strategy, asset management strategy

  - ❖ Asset management objectives (goal setting)

  - ❖ Asset management plan (strategic)

  - ❖ Measuring performance, feedback & improvement

- International standards on asset & maintenance management: PAS 55 & ISO 55000

- Where the maintenance audit fits in

DAY 2

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

DAY 3

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

DAY 4

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

DAY 5

Interactive Workshop: 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

- Evaluate the audit: WWW & WWW