Cost Effective Maintenance Management Driving Maintenance Performance To A Higher Level

Introduction:

Cost Effective Maintenance Management is an advanced maintenance management program that builds on the concepts introduced in other maintenance management programs such as Maintenance Work Planning and Control.

Cost Effective Maintenance Management introduces delegates to concepts and techniques that can help to lift the maintenance performance and the contribution of maintenance to business performance to a higher level.

In particular, this program introduces delegates to techniques to drive improvements to maintenance performance through more disciplined approaches to management and workflow control processes, reliability improvement and optimization of preventive maintenance, better capital decision making and life cycle management, the use of effective performance measures and decision making, and the implementation of effective logistics support for maintenance.

Who Should Attend?

This program addresses the needs of a diverse audience with an interest in improving maintenance management and maintenance effectiveness.

The program should be of interest to:

- Maintenance Managers interested in raised the performance of their department to a higher level
- Maintenance Engineers, Reliability Engineers and Maintenance Technical Support staff wishing to enhance their knowledge and improve their knowledge of tools and techniques they can use to improve maintenance performance
- Maintenance Supervisors and Maintenance Planners and Schedulers wishing to enhance their knowledge and improve their knowledge of tools and techniques they can use to improve maintenance performance

Methodology:

This interactive Training will be highly interactive, with opportunities to advance your opinions and ideas and will include;

- Lectures
- Workshop & Work Presentation
- Case Studies and Practical Exercise
- Videos and General Discussions

Certificate:

BTS attendance certificate will be issued to all attendees completing minimum of 80% of the total course duration.

Course Objectives:

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

- Apply proactive management practices to improve the effectiveness of their maintenance management system
- Apply reliability and risk based approaches to optimize preventive maintenance and improve reliability
- Develop and implement total life cycle asset management strategies
- Develop and implement an enhanced performance measurement scorecard and link this to more effective decision making in maintenance
- Optimize the maintenance logistics support functions

Course Outline:

Introduction to Cost Effective Maintenance Management

- Introduction to Cost Effective Maintenance Management
- Key Maintenance Definitions
- The Management Process in Maintenance
- Maintenance and Competitive Advantage

Reliability Based Maintenance

- Introduction to Reliability Concepts
- A Reliability Based Approach to Maintenance Strategy
- Failure Modes and Effects Analysis
- Risk Concepts and Risk Based Maintenance
- Preventive Maintenance Optimization

Key Performance Indicators and Benchmarking

- Measuring Maintenance Performance
- Key Performance Indicators for Maintenance
- Developing the Maintenance Scorecard

- Overall Equipment Effectiveness
- Maintenance Benchmarking

Optimizing Equipment Life Cycle Decisions

- Maintenance Engineers Guide to Capital Expenditure
- An Introduction to Life Cycle Costing
- Maintainability Concepts
- Improving Asset Reliability through Root Cause Analysis

Supply Chain and Spare Parts Management

- Maintenance Spare Parts Management
- Maintenance Procurement
- Outsourcing Maintenance
- Maintenance Contractor Management