



## Maintenance Planning and Scheduling Training

### Description

#### Introduction

The maintenance of physical assets can no longer be treated just as a 'maintenance problem'. The competitive environment in which business operates requires an approach that integrates the operational objectives of the business and the life-cycle objectives of the physical assets.

Our highly interactive Maintenance Planning, Scheduling and Work Control training course is designed to provide management and staff with essential maintenance management skills, gain a clear understanding of their roles, and work more effectively within a team environment. Delegates will gain a practical understanding and knowledge of:

- The essential principles of effective maintenance management
- Effective procedures for planning and controlling of the maintenance work flow
- Proven methodology for the development of an effective maintenance plan
- Effective scheduling of maintenance work
- Closing the management loop through effective measurement, reporting and analysis

#### Objectives

- Understand maintenance as a key business function
- Understand the objectives and purpose of pro-active failure management
- Learn how reliability influences not only plant output, but also improves health, safety and environmental performance, resource optimisation and cost improvement
- Identify planning and scheduling best practices and how these will contribute to work quality and reliability improvement
- Create and preserve forward work and use it for planning and scheduling resources
- Use suitable performance indicators and management reports to perform regular analysis of maintenance performance, control maintenance resources and costs, and drive continuous improvement

## **The Content**

### **MODERN MAINTENANCE MANAGEMENT PRACTICE IN PERSPECTIVE**

- Maintenance in the Business Process
- What does it look like
- What it could look like
- Evolution in Maintenance Management
- Reactive vs. Proactive Maintenance
- World-Class Maintenance Management

### **MAINTENANCE POLICIES AND LOGISTICS PLANNING**

- Equipment Classification and Identification
- Document Identification and Classification
- Maintenance Management Policies
- Maintenance Work Prioritisation
- Maintenance Logistics Planning

### **FAILURE MANAGEMENT PROGRAMME DEVELOPMENT**

- Failure Modes, Effects and Consequences (FMEA)
- Failure Management Policies
- Application of RCM in the Development of Failure Management Policies
- Implementing Failure Management Policies
- Corrective Maintenance Planning
- Logistic Requirements Planning

### **WORK SCHEDULING AND CONTROL**

- Development of Weekly Master Schedule
- Determine Resource Availability
- Determine Equipment Outage Requirement
- Management of the Forward Workload (Backlog)
- Weekly Master Schedule Implementation

### **PERFORMANCE MEASUREMENT, MANAGEMENT REPORTING AND ANALYSIS**

- Information and Control
- Management Levels and Information
- Performance Indicators
- Workload Performance Indicators
- Planning Performance Indicators
- Effectiveness Performance Indicators
- Cost Performance Indicators
- Management Reports