



Maintenance and Operation (MANDO) Of Engineering Plant and Services Training

Description

Introduction

M&O of engineering plant and services is becoming more important to the success of the core business. To select the right M&O technique for specific plant and equipment it is necessary to know what options are available, what they deliver and how they should be implemented. This course will help you consider options and techniques that provide best value based on that thorough understanding of the business need. M&O will increasingly be required to demonstrate it is delivering the optimum of cost and value and the main purpose of the course is to show how this can be achieved.

Objectives

This course will help you:

- Determine what the business needs from the M&O service
- Determine the cost and value of the various M&O options
- Prepare and present the business case for the selected M&O strategy
- Introduce meaningful KPIs based on performance-based service by the M&O provider
- Undertake a review of current M&O and make recommendations for improvement
- Introduce energy and carbon management performance criteria in M&O
- Better deal with project risk and uncertainties
- Motivate others to deliver a reliable and cost effective M&O service

Course Outline

- What is maintenance and what is operation? – their relative importance to the business
- Comparison of the various maintenance options and techniques, including:
 - Planned preventative
 - Run to failure
 - Condition monitoring

- Business focused
- Business critical
- Total productive
- Reliability centred maintenance
- Forms of contracts and service, including:
- Comprehensive
- Input-driven
- Output-driven
- Limited replacement
- Performance based M&O
- Selecting the right options and making the business case
- Continuous commissioning as a tool for delivering best value

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