Maintenance and Operation (MANDO) Of Engineering Plant and Services

Venue Information

Venue: London UK

Place:

Start Date: 2025-12-08

End Date: 2025-12-12

Course Details

Net Fee: £4750.00

Duration: 1 week

Category ID: FMTC

Course Code: FMTC-12

Syllabus

Skilllinx's Maintenance and Operation (M&O) of Engineering Plant and Services courses

Introduction: In today's competitive landscape, the Maintenance and Operation (M&O) of engineering plant and services plays a pivotal role in driving business success. Recognizing this importance, this courses aims to equip participants with the knowledge and skills required to select the most suitable M&O techniques for specific plant and equipment. By providing insights into available options, their delivery mechanisms, and implementation strategies, participants will gain a thorough understanding of how to maximize value in line with business needs.

Objectives:

1. Determine the essential requirements of the M&O service as per business needs.
2. Assess the cost-effectiveness and value proposition of various M&O options.
3. Develop and present compelling business cases for the chosen M&O strategy.

7. Enhance proficiency in managing project risks and uncertainties.
8. Inspire and motivate others to deliver reliable and cost-effective M&O services.

courses Outline:

- Understanding the significance of maintenance and operation in the business context.
- Comparative analysis of maintenance techniques: planned preventative, run to failure, condition monitoring, etc.
- Overview of various forms of contracts and services: comprehensive, input-driven, output-driven, etc.
- Techniques for selecting the most suitable options and building a compelling business case.
- Leveraging continuous commissioning as a tool for delivering optimal value.

- **Day 1: Understanding Maintenance and Operation**

  Introduction to Maintenance and Operation (M&O):

  - Importance in business success.
  - Overview of M&O techniques.
  - Identifying business needs and objectives.

  Day 2: Maintenance Techniques

  Comparative Analysis of Maintenance Options:

  - Planned preventative maintenance.
  - Run to failure approach.
  - Condition monitoring.
  - Business-focused maintenance.
  - Business-critical maintenance.
  - Total productive maintenance.
  - Reliability-centered maintenance.

  Day 3: Contracts and Services

  Forms of Contracts and Services:

  - Comprehensive contracts.
  - Input-driven contracts.
  - Output-driven contracts.
  - Limited replacement contracts.
  - Performance-based M&O contracts.

  Day 4: Strategy Development

- Introduction to Key Performance Indicators (KPIs).

Day 5: Continuous Improvement

Continuous Commissioning for Value Delivery:

- Integrating energy and carbon management.
- Managing project risks and uncertainties.
- Inspiring and motivating teams for efficient M&O service delivery.