

THE IN-HOUSE TRAINING COMPANY

Maintenance and operation (M&O) of engineering plant and services

Overview

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.

Learning 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

Who should attend?

Facilities and maintenance managers, their teams and their suppliers.

Course format

This thoroughly practical workshop uses a mixture of formal tutor inputs, practical exercises, case studies, specialist tools and tutor-facilitated discussion. The programme can be run as either a one- or a two-day workshop, depending upon your precise requirements.

Expert trainer

Jim is a highly qualified (MSc, CEng, MIEE, FCIBSE) FM consultant and trainer who has run his own very successful FM consultancy since 1987. By nature an innovator, Jim has built a team of able professionals who share his vision and keep his consultancy practice at the leading edge in each of the sectors in which it serves its clients. He has developed techniques for delivering increasing

value for the core business through proactive FM and is now recognised for this work nationally and internationally. He is founder and past Chairman of the Chartered Institution of Building Services Engineers (CIBSE) Facilities Management Group and a very popular presenter of in-house and public training courses, many of them presented on behalf of the BIFM.

Workshop outline

Note: this is a purely indicative list of topics that can be covered. The content, duration, objectives and material used would all be adapted to match your specific requirements.

1 What is maintenance and what is operation? – their relative importance to the business

2 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

3 Forms of contracts and service, including:

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

4 Selecting the right options and making the business case

5 Continuous commissioning as a tool for delivering best value

6 Case studies

Any questions?

Please just give us a call on 01582 463463 – we're here to help!

Or visit www.theinhousetrainingcompany.com