

Certified Building Energy Management Professional
(BEM)

Manama (Bahrain)

2 - 6 February 2025

UK Training

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Certified Building Energy Management Professional (BEM)

Code: PS28 From: 2 - 6 February 2025 City: Manama (Bahrain) Fees: 3900 Pound

Introduction

The advanced Certified Building Energy Management Professional BEM course is designed for professionals seeking to enhance their expertise in building energy management and stay up-to-date with the latest advancements in this field. This comprehensive course provides participants with an in-depth understanding of advanced methodologies for energy management and emerging techniques and best practices. The course focuses on practical applications and real-life case studies to equip participants with the necessary tools to conduct a comprehensive assessment of building energy management and enhance continuous improvement in energy management practices.

Objectives

- Gain a comprehensive understanding of advanced concepts and methodologies for building energy management.
- Explore the latest trends and developments in building energy assessment techniques.
- Develop advanced skills in conducting comprehensive assessments of buildings, including evaluating building systems, infrastructure, and operational processes.
- Learn advanced techniques for identifying improvement areas and implementing effective facility management strategies.
- Enhance knowledge of regulatory compliance and sustainability considerations in building energy assessment.
- Acquire advanced skills in data analysis and report preparation for building energy assessment.
- Understand the role of technology, automation, and digital tools in modern building energy assessment.
- Explore innovative approaches in building energy assessment and performance measurement.

Course Outline

Day 1

Introduction to Building Energy Management

- Overview of building energy management and its importance.
- Introduction to the Certified Building Energy Management Professional BEM certification.
- Introduction to advanced methodologies and frameworks for assessment.
- Legal and regulatory considerations in building energy assessment.

Day 2

A graphic of a chessboard with several chess pieces (a king, a queen, a rook, and a knight) on it, set against a background of concentric circles. The text 'UK Training PARTNER' is overlaid on the right side of the board.

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Advanced Energy Assessment Techniques

- Advanced techniques for assessing building systems and performance.
- Utilizing technology and automation in building energy assessment.
- Introduction to advanced measurement and monitoring tools.
- Emerging technologies in building energy management assessment.

Day 3

Comprehensive Building Energy Assessment Process

- Conducting comprehensive inspections and audits of buildings.
- Assessing building infrastructure, including electrical systems, HVAC, plumbing, and more.
- Evaluating facility maintenance practices and asset management.
- Analyzing energy usage in buildings and implementing energy efficiency strategies.

Day 4

Data Analysis and Reporting for Building Energy Assessment

- Advanced data collection and analysis techniques.
- Developing relevant building energy assessment reports and recommendations.
- Communicating assessment results to stakeholders.
- Integrating sustainability considerations into building energy assessment reports.

Day 5

Continuous Improvement and Future Trends

- Strategies for implementing improvements based on assessment results.
- Measuring building performance against industry standards.
- Exploring future trends and innovations in building energy assessment.
- Case studies and best practices in advanced building energy assessment.

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