

Certified Building Energy Management Professional  
(BEM)

*Cairo (Egypt)*

*1 - 5 June 2025*

UK Training

**PARTNER**



## Certified Building Energy Management Professional (BEM)

Code: PS28 From: 1 - 5 June 2025 City: Cairo (Egypt) Fees: 3400 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

The logo for UK Training Partner features the text 'UK Training' in a smaller, black sans-serif font above the word 'PARTNER' in a large, bold, black sans-serif font. The text is positioned over a graphic of a chessboard with several chess pieces (a king, a pawn, and a knight) in gold and silver, set against a background of concentric white circles.

### 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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