



*Training Course:
Energy Efficiency in Building Operations*

4 - 8 May 2025

Dubai (UAE)

Residence Inn by Marriott Sheikh Zayed Road, Dubai

Training Course: Energy Efficiency in Building Operations

Training Course code: SC235868 From: 4 - 8 May 2025 Venue: Dubai (UAE) - Residence Inn by Marriott Sheikh Zayed Road, Dubai Training Course Fees: 4900 € Euro

Introduction

This training program, Energy Efficiency in Building Operations, is designed by Global Horizon Training Center to provide participants with the knowledge and skills needed to enhance energy efficiency in building operations. The program focuses on strategies to reduce energy consumption, improve environmental performance, and promote sustainability through effective planning, monitoring, and maintenance of building systems. Participants will learn best practices for optimizing energy use, implementing energy-saving technologies, and ensuring compliance with sustainability standards.

Objectives

By the end of this training program, participants will be able to:

- Understand the principles of energy efficiency in building operations.
- Implement energy-saving strategies to reduce energy consumption.
- Monitor and evaluate energy performance using key performance indicators KPIs.
- Apply innovative technologies to enhance energy efficiency.
- Align building operations with sustainability goals and standards.
- Develop maintenance plans that promote energy efficiency and environmental performance.

Course Methodology

This training program will employ a variety of learning methodologies to ensure effective knowledge transfer, including:

- Lectures and Presentations: To provide foundational knowledge of energy efficiency principles and strategies.
- Case Studies: To demonstrate successful energy efficiency initiatives in building operations.
- Group Discussions: To facilitate knowledge sharing and collaborative problem-solving.
- Workshops: To enhance participants' skills in energy monitoring, evaluation, and maintenance planning.
- Feedback and Evaluation: To ensure continuous learning and improvement.

Organizational Impact

Upon completing this training program, the organization will benefit from:

- Reduced energy consumption and operational costs.
- Enhanced environmental performance and compliance with sustainability standards.
- Improved building maintenance practices promoting energy efficiency.
- Strengthened reputation as an environmentally responsible organization.
- Increased productivity and operational efficiency.
- Better alignment of energy efficiency initiatives with corporate sustainability goals.

Target Audience

This program is ideal for:

- Facility Managers
- Maintenance Engineers
- Energy Managers
- Sustainability Consultants
- Building Operations Managers
- Professionals involved in building maintenance and energy management

Course Outline

Day 1: Introduction to Energy Efficiency in Building Operations

- Overview of energy efficiency principles and concepts
- The importance of energy efficiency in building operations
- Understanding energy consumption patterns
- Identifying energy-saving opportunities
- Regulatory requirements and sustainability standards

Day 2: Strategies for Reducing Energy Consumption

- Energy-efficient building design principles
- Implementing energy-saving technologies
- Lighting, HVAC, and electrical system optimization
- Reducing energy consumption through effective maintenance
- Developing energy management plans

Day 3: Monitoring and Evaluating Energy Performance

- Setting Key Performance Indicators KPIs for energy efficiency
- Energy auditing and benchmarking techniques
- Tools and technologies for monitoring energy use
- Data analysis and reporting for continuous improvement
- Case studies on successful monitoring strategies

Day 4: Innovative Technologies for Enhancing Energy Efficiency

- Renewable energy solutions and integration
- Smart building technologies and automation systems
- Internet of Things IoT for energy efficiency
- Implementing innovative maintenance practices
- Evaluating the effectiveness of technological solutions

Day 5: Practical Applications and Case Studies

- Analysis of real-world energy efficiency projects
- Group exercises to develop energy efficiency strategies
- Workshops on implementing energy-saving measures
- Feedback, Q&A, and course conclusion

Registration form on the Training Course: Energy Efficiency in Building Operations

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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Full Name (Mr / Ms / Dr / Eng):

Position:

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Personal E-Mail:

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Company Information

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Address:

City / Country:

Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng):

Position:

Telephone / Mobile:

Personal E-Mail:

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Payment Method

- Please find enclosed a cheque made payable to Global Horizon
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