

UNDERSTANDING AND MANAGING BUILDING SERVICES TRAINING

"ptimizing Building Performance Through Effective Service Management."

Schedule

Venue (InHouse)	Fees
At Your Organization Premises	Ask For The Quotation

► Available delivery methods: In-House Training

Introduction

Modern buildings depend heavily on complex mechanical, electrical, and plumbing systems to deliver comfort, safety, and functionality. However, managing these systems effectively requires both technical knowledge and practical management skills. This course provides a comprehensive understanding of building services — including heating, ventilation, air conditioning (HVAC), electrical systems, lighting, water supply, drainage, fire safety, and controls — along with the methods needed to operate and maintain them efficiently.

Participants will explore how building services interact with one another and how to manage them for maximum performance, energy efficiency, occupant comfort, and safety. The training also covers maintenance planning, sustainability measures, and troubleshooting techniques. By bridging the gap between engineering and management, this course equips facilities and operations professionals to make informed, cost-effective decisions about building systems.

Objectives

- By the end of this course, participants will be able to:
- Understand the functions and components of key building service systems.
 - Identify interrelationships between HVAC, electrical, plumbing, and safety systems.
 - Interpret design drawings and service documentation effectively.
 - Apply best practices for operation, maintenance, and performance optimization.
 - Recognize common building service issues and apply practical troubleshooting methods.
 - Incorporate energy efficiency and sustainability principles into service management.
 - Develop maintenance strategies to ensure reliability and cost control.

Why Attend

Efficient management of building services is vital for minimizing costs, reducing downtime, and maintaining safety and comfort standards. This training enables participants to translate technical concepts into practical management actions, enhancing both operational performance and professional capability. Whether you're new to the field or seeking to strengthen your expertise, this course offers valuable insights into the essential systems that keep buildings functioning smoothly.

Target Audience

This course is designed for:

- Facilities Managers and Building Supervisors
- Maintenance and Operations Engineers
- Building Owners and Estate Managers
- Technical Officers and Site Managers
- Property and Asset Managers
- Anyone involved in the management or maintenance of building services

Individual Benefits

- Gain a clear understanding of how different building systems operate and integrate.
- Improve your ability to manage maintenance contractors and service providers.
- Enhance decision-making regarding upgrades, repairs, and sustainability.
- Learn to identify faults and implement preventive maintenance strategies.
- Increase professional confidence in managing building infrastructure effectively.

Organizational Benefits

- Improve operational efficiency and reduce energy consumption.
- Extend the life of building assets through better maintenance practices.
- Reduce unplanned breakdowns and maintenance costs.
- Ensure compliance with safety and environmental standards.
- Strengthen organizational capability in facilities and asset management.

Instructional Methodology

The course uses a blend of technical and managerial approaches to ensure practical understanding, including:

- Expert-led presentations and discussions
- Illustrated explanations of building systems
- Case studies and problem-solving workshops
- Interactive group exercises and performance analysis
- Real-world examples from operational facilities

Course Outline

Module 1: Overview of Building Services and Their Role in Facilities Management

Module 2: HVAC Systems – Heating, Cooling, and Ventilation Principles

Module 3: Electrical Systems, Lighting, and Power Distribution

Module 4: Plumbing, Water Supply, and Drainage Systems

Module 5: Fire Safety, Security, and Building Control Systems

Module 6: Maintenance Management and Preventive Strategies

Module 7: Energy Efficiency and Sustainability in Building Operations

Module 8: Troubleshooting, Risk Management, and Compliance

Module 9: Integrating Building Services for Optimum Performance

Certification

Participants who successfully complete the program will receive a Certificate of Completion in Understanding and Managing Building Services, acknowledging their competence in managing technical building systems for safety, performance, and efficiency.

Why Choose MAWA Events

• **Global Expertise:** More than 17 years of experience in professional training and consulting.

• **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.

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• **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: +601116373203	EMAIL: info@mawaevents.net
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