

BUILDING SERVICES MAINTENANCE AND MANAGEMENT

“Optimize Building Performance through Effective Maintenance and Facilities Management.”

Schedule

Venue (In-house)	Fees
At Your Organization Premises	Ask For The Quotation

► **Available delivery methods:** In-House Training

Introduction

Modern buildings are complex systems that depend on well-coordinated services — including electrical, HVAC, plumbing, fire protection, elevators, and security systems — to function efficiently and safely. The performance, reliability, and longevity of these systems depend on effective maintenance and management strategies.

The Building Services Maintenance and Management course provides an in-depth understanding of maintenance planning, energy optimization, and asset management for building services. Participants will learn how to design and implement cost-effective maintenance programs, ensure system reliability, and integrate sustainability practices for long-term building performance.

Objectives

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

- Understand the structure and function of key building service systems.
- Develop maintenance schedules for HVAC, electrical, mechanical, and plumbing systems.
- Apply preventive and predictive maintenance techniques to reduce downtime.
- Manage building operations using Computerized Maintenance Management Systems (CMMS).
- Implement energy-efficient and sustainable maintenance practices.
- Ensure compliance with safety, health, and environmental standards.
- Enhance communication and coordination between maintenance and facility management teams.

Why Attend

Buildings represent major investments that require strategic maintenance to ensure safety, comfort, and operational efficiency. This course equips participants with the skills to manage complex building systems, minimize operational disruptions, and extend asset lifespans. Whether managing commercial, residential, or institutional facilities, attendees will gain the tools to achieve best-in-class building performance through effective maintenance leadership.

Target Audience

This course is suitable for:

- Facilities and Maintenance Managers
- Building Services Engineers
- Property and Estate Managers
- HVAC, Electrical, and Mechanical Engineers
- Project and Operations Managers
- Maintenance Planners and Supervisors
- Professionals responsible for building operations and asset maintenance

Individual Benefits

- Gain a solid understanding of integrated building services management.
- Learn to design and implement efficient maintenance strategies.
- Improve your ability to manage energy and operational costs.
- Enhance safety, reliability, and comfort in building environments.
- Strengthen leadership and planning skills in maintenance operations.
- Increase your career value through specialized facilities management expertise.

Organizational Benefits

- Improve building performance and occupant satisfaction.
- Reduce operating costs through energy-efficient maintenance.
- Enhance system reliability and reduce downtime.
- Extend the life cycle of assets through preventive maintenance programs.
- Ensure regulatory compliance and workplace safety.
- Promote sustainability and environmental responsibility in facility operations.

Instructional Methodology

The course combines theoretical insights with real-world applications through:

- Interactive lectures and group discussions
- Case studies from commercial and industrial buildings
- Practical workshops on maintenance planning and scheduling
- Hands-on CMMS demonstrations
- Energy optimization and performance monitoring exercises
- Continuous Q&A and performance feedback sessions

Course Outline

- Module 1: Overview of Building Services Systems and Functions
- Module 2: HVAC, Electrical, Plumbing, and Fire Protection System Maintenance
- Module 3: Preventive, Predictive, and Condition-Based Maintenance Approaches
- Module 4: Maintenance Planning and Scheduling Techniques
- Module 5: Energy Management and Sustainability in Building Services
- Module 6: Health, Safety, and Environmental Compliance in Maintenance
- Module 7: Computerized Maintenance Management Systems (CMMS)
- Module 8: Managing Contractors and Outsourced Services
- Module 9: Performance Measurement and Continuous Improvement
- Module 10: Capstone Project – Developing a Comprehensive Building Maintenance Plan

Certification

Upon successful completion, participants will receive a Certificate in Building Services Maintenance and Management, recognizing their expertise in managing, maintaining, and optimizing modern building systems for efficiency, safety, and sustainability.

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.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **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?

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