

BUILDING SERVICES MAINTENANCE AND MANAGEMENT

“Optimize, Maintain, and Manage Building Services for Efficiency, Safety, and Longevity.”

Schedule

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

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

Introduction

Modern buildings rely on complex services such as electrical systems, HVAC, plumbing, fire protection, elevators, and automation systems to operate efficiently and safely. The Building Services Maintenance and Management Training provides participants with comprehensive knowledge and practical skills to manage and maintain these systems effectively.

This course covers preventive and corrective maintenance, troubleshooting, energy management, safety compliance, and operational optimization. Participants will gain hands-on experience in managing building systems to improve efficiency, reduce operational costs, and ensure occupant safety. Real-life case studies, practical exercises, and structured methodologies equip participants to implement best practices in facility management.

Objectives

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

- Understand the fundamentals of building services and their operational requirements.
- Plan and implement preventive, predictive, and corrective maintenance strategies.
- Manage electrical, HVAC, plumbing, fire safety, and mechanical systems effectively.
- Ensure compliance with safety, regulatory, and environmental standards.
- Optimize energy consumption and reduce operational costs.
- Apply troubleshooting techniques for efficient problem resolution.
- Use technology and software tools for monitoring, scheduling, and reporting maintenance.
- Develop a structured building services maintenance management plan.

Why Attend

Proper management of building services is critical to ensure operational continuity, safety, and cost-efficiency. This training equips professionals with practical skills and knowledge to improve system reliability, reduce downtime, and extend equipment lifespan. Facility managers, engineers, and maintenance supervisors will gain actionable strategies to optimize building performance while maintaining compliance and safety standards.

Target Audience

This course is suitable for:

- Facility and Maintenance Managers
- Building Engineers and Technicians
- Operations and Asset Management Professionals
- Electrical, HVAC, and Mechanical Engineers
- Property and Estate Managers
- HSE (Health, Safety & Environment) Officers
- Technical Supervisors and Maintenance Teams

Individual Benefits

- Acquire practical skills in maintaining and managing building services.
- Improve knowledge of preventive, predictive, and corrective maintenance techniques.
- Learn troubleshooting strategies to address common system failures.
- Enhance decision-making, problem-solving, and operational management skills.
- Increase professional competence and career opportunities in facility management.
- Gain confidence in managing complex building services efficiently.

Organizational Benefits

- Enhance operational reliability and minimize system downtime.
- Reduce maintenance costs and improve resource utilization.
- Ensure compliance with safety, environmental, and regulatory standards.
- Improve energy efficiency and sustainability of building services.
- Build in-house expertise for proactive facility management.
- Support occupant safety and satisfaction through efficient building operations.

Instructional Methodology

The training uses a practical, hands-on, and interactive approach:

- Case studies of real-world building services management challenges
- Step-by-step tutorials for maintenance planning and execution
- Hands-on exercises in troubleshooting, monitoring, and reporting
- Group discussions and problem-solving workshops
- Assignments focused on real-life building services scenarios
- Continuous feedback and Q&A sessions for knowledge reinforcement

Course Outline

- Module 1: Introduction to Building Services - Overview and Importance
- Module 2: Electrical System Maintenance and Management
- Module 3: HVAC and Mechanical Systems - Operation and Maintenance
- Module 4: Plumbing, Water Supply, and Drainage Systems
- Module 5: Fire Safety, Alarm, and Protection Systems
- Module 6: Elevators, Lifts, and Vertical Transportation Systems
- Module 7: Preventive, Predictive, and Corrective Maintenance Strategies
- Module 8: Energy Efficiency and Sustainability Practices
- Module 9: Troubleshooting and Problem-Solving Techniques
- Module 10: Capstone Project - Developing a Comprehensive Building Services Maintenance Plan

Certification

Upon successful completion, participants will receive a Certificate in Building Services Maintenance and Management, validating their expertise in managing, maintaining, and optimizing complex building services efficiently and safely.

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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