

Building Services Management and Maintenance

London (UK)

25 - 29 January 2027

UK Training

PARTNER



Building Services Management and Maintenance

Code: LM32 From: 25 - 29 January 2027 City: London (UK) Fees: 5400 Pound

Introduction

The Building Services Management and Maintenance course provides a comprehensive and practical understanding of how building services systems are managed, operated, and maintained across residential, commercial, and institutional facilities. Effective management of building services is essential to ensure safety, operational efficiency, system reliability, regulatory compliance, and long-term sustainability.

This course is designed for professionals involved in facilities management, engineering, maintenance, and operations who are responsible for overseeing mechanical, electrical, plumbing, fire protection, and vertical transportation systems. Participants will gain structured knowledge of building services systems, maintenance strategies, asset management, and best practices that support uninterrupted building operations and optimal performance throughout the asset lifecycle.

Course Objectives

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

- Understand the principles, functions, and components of building services systems.
- Manage mechanical, electrical, and plumbing systems effectively within buildings.
- Apply preventive and corrective maintenance strategies to improve system reliability.
- Enhance operational efficiency and reduce unplanned downtime.
- Ensure compliance with safety standards, codes, and regulatory requirements.
- Implement structured maintenance management and asset management practices.

Course Outlines

The course is delivered over five training days, with each day focusing on a core aspect of building services management and maintenance.

Day One: Fundamentals of Building Services

- Overview of building services and their role in facility and property operations.
- Introduction to mechanical, electrical, and plumbing systems in buildings.
- Core principles of building services design and integration.
- Applicable codes, standards, and regulatory requirements.
- Introduction to maintenance management concepts and strategies.

Day Two: Heating, Ventilation, and Air Conditioning Systems Management

- Key components and functions of heating, ventilation, and air conditioning systems.
- System operation, performance monitoring, and efficiency indicators.
- Energy efficiency and optimization techniques in HVAC systems.

The logo for UK Training Partner, featuring the text 'UK Training' in a smaller font above the word 'PARTNER' in a large, bold, black font. The background of the logo is a stylized chessboard with several chess pieces (a king, a queen, and a pawn) in gold and silver.

- Common faults, failures, and troubleshooting concepts.
- Preventive maintenance planning and scheduling for HVAC systems.

Day Three: Electrical and Lighting Systems Management

- Electrical distribution systems and power supply within buildings.
- Lighting systems, controls, and energy-efficient technologies.
- Power quality, electrical safety, and protection systems.
- Inspection, testing, and compliance requirements.
- Maintenance planning and documentation for electrical systems.

Day Four: Plumbing, Fire Protection, and Vertical Transportation Systems

- Water supply, drainage, and sanitation systems.
- Fire detection, alarm, and firefighting systems.
- Pumps, valves, and associated control systems.
- Elevators and escalators: operational principles and safety requirements.
- Maintenance coordination, contractor interface, and safety considerations.

Day Five: Building Services Maintenance Management

- Maintenance policies, procedures, and asset management frameworks.
- Preventive versus corrective maintenance approaches.
- Maintenance documentation, reporting, and performance tracking.
- Contractor management and service-level agreements.
- Sustainability, lifecycle costing, and continuous improvement in building services.

Why Attend This Course: Wins & Losses!

- Gain a structured understanding of building services systems and maintenance practices.
- Improve the reliability, safety, and efficiency of building operations.
- Strengthen preventive maintenance planning and asset management skills.
- Enhance compliance with safety standards and regulatory requirements.
- Reduce operational risks, downtime, and maintenance costs.
- Apply best practices across residential, commercial, and institutional buildings.

Conclusion

The Building Services Management and Maintenance course delivers a comprehensive and practical framework for managing and maintaining essential building services systems. Over five days, participants develop the knowledge and skills required to oversee mechanical, electrical, plumbing, fire protection, and vertical transportation systems effectively.

By integrating maintenance management strategies, asset management principles, regulatory compliance, and sustainability considerations, this course enables professionals to improve operational performance, extend system lifecycles, and support safe, efficient, and reliable building environments.

A graphic of a chessboard with several chess pieces. In the foreground, there is a large gold king piece, a smaller silver pawn, and a smaller gold pawn. In the background, there are concentric circles emanating from a point on the board. The text 'UK Training' is in a small font, and 'PARTNER' is in a large, bold, black sans-serif font.

UK Training
PARTNER

Blackbird Training Clients

 MANNAI CORPORATION MANNAI Trading Company WLL, Qatar	 GAC UNE FILIALE D'EGA Alumina Corporation Guinea	 Booking.com Booking.com Netherlands	 OXFAM Oxfam GB International Organization, Yemen	 Capital Markets Authority Kuwait
 WS Waltersmith Petroman Oil Limited Nigeria	 QNB Qatar National Bank (QNB), Qatar	 Qatar Foundation Qatar	 AFRICAN UNION ADVISORY BOARD ON CORRUPTION Tanzania	 KFAS KFAS Kuwait
 Reserve Bank of Malawi Malawi	 Central Bank of Nigeria Nigeria	 Ministry of Interior Kingdom of Saudi Arabia KSA	 Mabruk Oil Company Libya	 Saudi Electricity Company KSA
 BPKH Badan Pengelola Keuangan Haji BADAN PENGELOLA KEUANGAN Haji, Indonesia	 NATO Italy Italy	 ENI ENI CORPORATE UNIVERSITY, Italy	 GULF BANK Gulf Bank Kuwait	 General Organization for Social Insurance KSA
 Defence Space Administration Nigeria	 National Industries Group (Holding) Kuwait	 Hamad Medical Corporation Qatar	 USAID Pakistan	 STC STC Solutions, KSA
 North Oil Company North Oil company,	 EKO EKO Electricity	 OMAN BROADBAND Oman Broadband	 UNITED NATIONS UN.	 Authority for Electricity Regulation Oman

UK Training
PARTNER

Blackbird Training Categories

Management & Admin

Entertainment & Leisure
Professional Skills
Finance, Accounting, Budgeting
Media & Public Relations
Project Management
Human Resources
Audit & Quality Assurance
Marketing, Sales, Customer Service
Secretary & Admin
Supply Chain & Logistics
Management & Leadership
Agile and Elevation

Technical Courses

Artificial Intelligence (AI)
Sustainability, ESG & Corporate Responsibility
Advanced Courses
Hospital Management
Public Sector
Special Workshops
Oil & Gas Engineering
Telecom Engineering
IT & IT Engineering
Health & Safety
Law and Contract Management
Customs & Safety
Aviation
C-Suite Training