MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

Phone: +601116373203 | **Email:** info@mawaevents.net

CONSTRUCTION COMMISSIONING

"Ensuring Building Systems Perform as Designed — From Planning to Handover"

Schedule

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

Introduction

Construction Commissioning is a critical process that ensures all building systems are designed, installed, tested, and operated according to the owner's project requirements. This course provides participants with a complete understanding of the commissioning process — from pre-design planning and installation verification to performance testing and documentation.

Participants will learn how to implement commissioning strategies to improve building performance, energy efficiency, and occupant comfort. The course emphasizes practical tools, quality assurance techniques, and best practices for managing multidisciplinary commissioning teams in complex construction projects.

Objectives

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

- Understand the purpose, scope, and benefits of construction commissioning.
- Plan and manage commissioning activities across project phases.
- Coordinate effectively between design, construction, and operations teams.
- Conduct inspections, testing, and performance verification.
- Identify and resolve system deficiencies and integration issues.
- Manage commissioning documentation and closeout reports.
- Ensure compliance with codes, standards, and sustainability goals.

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Why Attend

Commissioning ensures that construction projects deliver on their design intent — enhancing performance, reliability, and lifecycle value. Attending this course will help professionals ensure system integrity, minimize operational issues, and improve project handover efficiency. It’s an essential training for anyone involved in quality assurance, project delivery, or building operations.

Target Audience

This course is suitable for:

- Project Managers and Construction Engineers
- Commissioning Managers and Coordinators
- MEP Engineers and Building System Designers
- Facility and Maintenance Managers
- Quality Assurance and Control Professionals
- Contractors, Consultants, and Site Supervisors
- Owners and Developers involved in building projects

Individual Benefits

- Gain a solid understanding of the full commissioning process.
- Improve your ability to identify and correct system deficiencies.
- Enhance coordination and communication with project stakeholders.
- Strengthen your technical and quality assurance skills.
- Increase your professional value in construction and facility management.

Organizational Benefits

- Improve building performance and operational reliability.
- Reduce rework and post-occupancy complaints.
- Ensure compliance with codes, standards, and sustainability requirements.
- Enhance energy efficiency and lifecycle cost savings.
- Streamline project handover and client satisfaction.

Instructional Methodology

The course uses an applied learning approach through:

- Instructor-led presentations and discussions
- Real-world case studies and commissioning reports
- Checklists, templates, and documentation exercises
- Group workshops and scenario-based learning
- Interactive Q&A and feedback sessions

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Course Outline

Module 1: Introduction to Construction Commissioning Concepts

Module 2: Commissioning Roles, Responsibilities, and Scope

Module 3: Pre-Design and Design Phase Commissioning Activities

Module 4: Construction and Installation Phase Inspections

Module 5: Functional Testing and System Performance Verification

Module 6: Documentation, Reporting, and Closeout Procedures

Module 7: Commissioning for Energy Efficiency and Green Buildings

Module 8: Managing Multidisciplinary Teams and Communication

Module 9: Common Challenges and Solutions in Commissioning Projects

Module 10: Case Studies and Best Practices in Successful Commissioning

Certification

Upon successful completion, participants will receive a Certificate in Construction Commissioning, recognizing their ability to plan, execute, and manage commissioning processes to ensure building systems meet performance, quality, and operational objectives.

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? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**

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