



THE ASSOCIATION OF CONSULTING ENGINEERS MALAYSIA

BEM approved CPD: 13 hours

CONSTRUCTION DESIGN & MANAGEMENT (CDM) CDM PROFESSIONAL & CDM COORDINATOR COURSE

Course Overview

This course is specially designed to align with the latest requirements under the Construction Work Design and Management (CWDM) Regulations 2024, as introduced by the Department of Occupational Safety and Health (DOSH), Malaysia.

The course aims to enhance knowledge and understanding among key project stakeholders, including clients, designers, contractors, and project managers, on their respective duties and responsibilities under the CDM framework.

Particular emphasis on early-stage design risk management, effective risk assessment, communication, coordination, and collaboration among project stakeholders to ensure that health and safety risks are identified, assessed, and managed throughout the project lifecycle.

12 & 13 October 2026

Hotel Armada Petaling Jaya
9.00 a.m. to 5.30 p.m.

14 October 2026

Online (Google Meet)
9.00 a.m. to 1.00 p.m.

**Limited to 25 participants on
a first-come, first-served basis.**

Registration Fee (inclusive of 8% SST)

ACEM member firms	RM 2,200.00 per person
Others	RM 2,600.00 per person

(E-certificate of attendance will be issued, subject to full attendance)

Please click link <https://kliksini.my/ltPg6> or scan QR code for online registration.

Closing date for registration: 7 October 2026

For further enquiries, please contact the ACEM secretariat at 012 5290031
or e-mail vivien@acem.com.my



Course Objectives

1. Participants will be able to identify the statutory Requirements under the CWDM Regulations 2024.
2. By the end of the course, participants will be able to develop and structure comprehensive, site-specific PCI, SHF and CPP that effectively identify and address health and safety risks, establish appropriate site rules, and define suitable welfare arrangements tailored to the specific requirements of their Project.
3. Participants will be able to review and update the PCI, SHF and CPP throughout the construction phase, ensuring that relevant changes, risks and control measures are effectively communicated and coordinated among all relevant duty holders.

Entry Requirements

Kindly ensure that you fulfil either one of the entry requirements before registering for the course.

CDM PROFESSIONAL

- Bachelor Degree or higher (MQA Recognition).
- Registered with BEM, LAM, BQSM or accredited by CIDB as a Construction Project Manager (CCPM).
- At least 5 years working experience in construction industry.

CDM COORDINATOR

- At least Diploma (MQA Recognition).
- Registered with BEM, LAM, BQSM, MBOT, LPBM or CCPM.
- At least 10 years working experience in construction industry.

Trainers

Ir. Nimi binti Ahmad holds a Master's degree in industrial safety management from Universiti Kebangsaan Malaysia, a Degree in Mechanical Engineering from the University of Sunderland, United Kingdom, and a Diploma in Mechanical Engineering from Universiti Teknologi Malaysia. Formerly the Assistant Director at the Department of Occupational Safety & Health (DOSH) Malaysia, she left the government service in January 2001. Currently, she is a freelance Occupational Safety and Health Consultant and is the Industry Advisory Panel for Universiti Malaysia Pahang Diploma in Occupational Safety and Health Programme. She is also a part time lecturer at various higher learning institutions. She is the committee member of Malaysian Industrial Hygiene Association and SIRIM Technical Committee for Safety of Machinery. She is a registered Assessor with the Department of Occupational Safety and Health Malaysia for the conduct of CHRA and a trained person for Ergonomic Risks Assessment.

Ts. Nazruddin bin Mat Ali holds a Bachelor of Mechanical Engineering from Universiti Teknologi Malaysia and a Master's in Emergency Response and Planning from Universiti Putra Malaysia. He was formerly the Director of Construction Site Safety Division in DOSH. He specialises in Occupational Safety and Health Enforcement.

Course Schedule

DAY 1 - 12 OCTOBER 2026

8:30 a.m. Registration

9:00 a.m. **SESSION 1 (Ts. Nazruddin Mat Ali)**

1. Introduction to CWD M Regulations 2024
2. Legal & Regulatory Framework
 - 5 Key Elements to Construction Safety
 - What is CDM Regulations 2024?
 - Why Compliance Matters
 - Enforcement & Penalties
3. Main Duty Holders
 - Client
 - Principal Construction Work Designer (PCWD)
 - Principal Construction Work Contractor (PCWC)
 - Construction Work Designer (CWD)
 - Construction Work Contractor (CWC)

10:30 a.m. Tea Break

- 10:45 a.m. 4. Duties and Roles in Relation to Safety and Health
- General Duties
 - Duties of CWD
 - Duties of PCWD
 - Duties of PCWC
5. General Requirement for all Construction Sites

12:00 p.m. **SESSION 2 (Ts. Nazruddin Mat Ali)**

1. Design Risk Management (DRM) for CDM
 - CDM 1 - Strategy Brief & Project Team Timeline
 - CDM 2 - Site Investigation & Survey Data Tracker
 - CDM 3 - Schedule of Significant CDM Issue
 - CDM 4 - CDM Analysis & Option Matrix
 - CDM 5 - Health & Safety File
 - CDM 6 - Design Risk Management
 - CDM 7 - CDM Health Issue Matrix

1:00 p.m. Lunch Break

2:00 p.m. **SESSION 3 (Ir. Nimi Ahmad)**

1. CDM Prevention Concept
2. Duty of Care
3. CDM Construction Phase Documentation
4. Review of CPP for Construction Activities

3:00 p.m. **SESSION 4 (Ir. Nimi Ahmad)**

1. Safety Health File (SHF) Management
 - SHF
 - SHF Lifecycle Management
 - Key Stages for Reviewing and Updating SHF

3:30 p.m. Tea Break

3:45 p.m. **Cont. SESSION 4**

2. Design Risk Management (DRM) - CDM Analysis Report by RIBA UK

4:15 p.m. **SESSION 5 (Ir. Nimi Ahmad)**

1. General Principle of Prevention (GPP)
 - Hazard Identification
 - Risk Assessment
 - Risk Control

5:00 p.m. End of day 1

DAY 2 - 13 OCTOBER 2026

8:30 a.m. Registration

9:00 a.m. **SESSION 6: (Ir. Nimi Ahmad)**

1. Design Review Assessment (DRA)
 - Design Risk Assessment (DRA 1)
 - Design Risk Assessment (DRA2)
 - Design Risk Assessment (DRA 3)

10:30 a.m. Tea Break

- 10:45 a.m. 2. Case Study & DRA Workshop
- DRA1 (Theory), Worksheet & Form A
 - DRA2 (Theory), Worksheet & Form B
 - CDM - Pre-construction Review

1:00 p.m. Lunch Break

2:00 p.m. Group Presentation

- 5:30 p.m.
- Briefing on online assessment
 - Recap
 - Q&A

6:00 p.m. End of day 2

DAY 3 - 14 OCTOBER 2026

9:00 a.m. Online Briefing / Course Revision

10:00 a.m. Examination

1:00 p.m. End of Session