



London TDM

# Civil and Construction Engineering Training Courses

**Course Venue:** Malaysia - Kuala Lumpur

**Course Date:** From 12 April 2026 To 16 April 2026

**Course Place:** Royale Chulan Hotel

**Course Fees:** 6,000 USD

## Introduction

This professional course, "Health and Safety in Construction Sites," is designed to equip participants with the essential knowledge and skills required to ensure safety and reduce hazards on construction sites. Over five days, participants will explore various topics, including risk assessment, legal responsibilities, and effective safety management practices necessary to foster a safe working environment.

## Objectives

- Understand the principles of health and safety in construction.
- Identify common hazards and implement control measures.
- Ensure compliance with health and safety legislation.
- Develop and implement effective safety management systems.
- Promote a culture of safety among construction site workers.

## Course Outlines

### Day 1: Introduction to Health and Safety Regulations

- Overview of health and safety legislation.
- Roles and responsibilities of construction professionals.
- Understanding health and safety policies.
- The impact of non-compliance on businesses.
- Introduction to the Health and Safety Executive (HSE).

### Day 2: Hazard Identification and Risk Assessment

- Common construction site hazards.
- Conducting risk assessments.
- Evaluating and controlling risks.
- Developing risk mitigation strategies.
- Case studies on hazard management.

### Day 3: Safety Management Systems

- Components of an effective safety management system.
- Implementing safety protocols and procedures.
- Monitoring and reviewing safety performance.
- Safety audits and inspections.
- Continuous improvement in safety management.

### Day 4: Personal Protective Equipment and Emergency Preparedness

- The role of personal protective equipment (PPE).
- Proper use and maintenance of PPE.
- Developing emergency response plans.
- First aid and accident response procedures.
- Conducting emergency drills and exercises.

## **Day 5: Promoting a Safety Culture on Construction Sites**

- Encouraging worker involvement in safety procedures.
- Communicating safety expectations and policies.
- Training and educating workers on safety practices.
- Recognizing and rewarding safe behavior.
- Fostering continuous dialogue on safety improvement.