



London TDM

# Health, Safety, and Environment (HSE) Training

**Course Venue:** Malaysia - Kuala Lumpur

**Course Date:** From 09 November 2025 To 13 November 2025

**Course Place:** Royale Chulan Hotel

**Course Fees:** 6,000 USD

## Introduction

This 5-day professional course on Hazardous Materials (HAZMAT) Handling is designed to provide participants with comprehensive knowledge and skills necessary for safe and compliant handling of hazardous materials. Through a combination of theoretical instruction and practical exercises, participants will learn how to identify, manage, and respond to various hazardous materials scenarios.

## Objectives

- Understand the classification and properties of hazardous materials
- Learn the regulations and guidelines governing HAZMAT handling
- Develop skills to safely handle and transport hazardous materials
- Implement appropriate emergency response procedures
- Ensure compliance with safety and environmental protocols

## Course Outlines

### Day 1: Fundamentals of Hazardous Materials

- Introduction to hazardous materials and their classifications
- Physical and chemical properties of hazardous substances
- Routes of entry and health effects
- OSHA and EPA standards for hazardous materials
- Case studies on common hazardous materials

### Day 2: Regulatory Framework and Compliance

- Overview of international, federal, and state regulations
- The role of DOT, OSHA, and EPA in HAZMAT regulation
- Understanding Material Safety Data Sheets (MSDS)
- Labeling and placarding requirements
- Inspection and compliance procedures

### Day 3: Safe Handling and Transportation

- Best practices for handling hazardous materials
- Storage and segregation of incompatible substances
- Packaging and transportation guidelines
- Use of personal protective equipment (PPE)
- Loading, unloading, and spill prevention techniques

### Day 4: Emergency Response Planning

- Developing an emergency response plan
- Role of first responders and incident command systems
- Spill response and containment strategies
- Decontamination procedures and equipment
- Case studies of past incidents and lessons learned

## **Day 5: Risk Management and Site Safety**

- Conducting hazard assessments and risk analysis
- Implementing site-specific safety plans
- Communication and training for employees and contractors
- Auditing and continuous improvement strategies
- Final assessment and certification