



## **CHEMICAL MANAGEMENT AND USECHH COMPLIANCE TRAINING**



MTBM Group Sdn. Bhd. (1600656-M)

Level 8, MCT Tower, Sky Park, One City, Jalan USJ 25/1, 47650 Subang Jaya, Selangor

**Course Title:** Chemical Management and USECHH Compliance Training

**Course Validity:** 2 Days

**Validity:** Not Applicable

**HRD Corp Scheme:** Claimable

## **INTRODUCTION**

This training provides participants with comprehensive knowledge of chemical management and legal compliance under the Use and Standards of Exposure of Chemicals Hazardous to Health (USECHH) Regulations 2000. It covers chemical hazard identification, Safety Data Sheet (SDS) interpretation, GHS labelling, exposure monitoring, CHRA requirements, control measures and documentation. Participants will learn practical approaches to establish and maintain an effective chemical management system aligned with OSHA 1994 (Amendment 2022), DOSH guidelines and workplace safety standards.

## **OBJECTIVE(S):**

- Understand chemical hazards and their potential health impacts.
- Interpret Safety Data Sheets and GHS labelling elements accurately.
- Apply chemical handling, storage and segregation requirements.
- Understand USECHH 2000 regulatory requirements and employer obligations.
- Identify exposure routes and implement suitable control measures.
- Understand Chemical Health Risk Assessment (CHRA) principles.
- Manage chemical registers, inventories and documentation.
- Strengthen workplace readiness for USECHH compliance and inspections.

**TARGET GROUP(S):**

- Chemical Handlers and Operators
- Production, Warehouse and Laboratory Personnel
- Safety and Health Officers and Coordinators
- Supervisors, Line Leaders and Managers
- Safety and Health Committee Members
- Anyone working with or exposed to chemicals

**ENTRY REQUIREMENT(S):**

- Able to read, write and communicate verbally in Malay/English

**TOPIC(S):**

1. Introduction to Chemical Management and Hazardous Chemicals
2. Legal Requirements: OSHA 1994, USECHH Regulations and Other Related Laws
3. Chemical Hazard Identification and Exposure Routes
4. GHS Labelling and Safety Data Sheet Interpretation
5. Chemical Handling, Storage, Segregation and Inventory Control
6. Chemical Exposure Monitoring and Air Sampling Basics
7. Control Measures: Engineering, Administrative and PPE
8. Understanding CHRA: Purpose, Scope and Employer Responsibilities
9. Chemical Spill Response, Emergency Preparedness and Incident Management
10. Case Studies, Documentation Review and Compliance Strategies

**LIST OF REFERENCE BOOK(S):**

- OSHA 1994 and OSHA (Amendment) Act 2022
- USECHH Regulations 2000
- DOSH Guidelines for Chemical Safety and CHRA
- GHS (Globally Harmonised System) Guidelines
- ISO 45001:2018 (Hazardous Substances Requirements)

**LIST OF TEACHING AID(S):**

- LCD projector
- SDS samples and chemical labels
- PPE samples (gloves, goggles, respirators)
- Spill kit demonstration items
- Flip chart or whiteboard

**METHODOLOGY(S):**

- Interactive lecture
- Group discussion
- Case studies
- Demonstrations
- Scenario-based exercises

## TRAINING SCHEDULE

### Day 1

Time	Activity / Topic
8:30 am – 9:00 am	Registration and Introduction
9:00 am – 10:15 am	Topic 1: Chemical Management and Hazard Identification
10:15 am – 10:30 am	<b>Morning Tea Break</b>
10:30 am – 12:30 pm	Topic 2–3: Legal Requirements and Exposure Routes
12:30 pm – 1:30 pm	<b>Lunch Break</b>
1:30 pm – 3:30 pm	Topic 4: GHS Labelling and SDS Interpretation
3:30 pm – 3:45 pm	<b>Afternoon Tea Break</b>
3:45 pm – 5:00 pm	Topic 5: Chemical Handling, Storage and Segregation

## TRAINING SCHEDULE

### Day 2

Time	Activity / Topic
8:30 am – 9:00 am	Recap of Day 1
9:00 am – 10:15 am	Topic 6: Exposure Monitoring and Air Sampling Basics
10:15 am – 10:30 am	<b>Morning Tea Break</b>
10:30 am – 12:30 pm	Topic 7–8: Control Measures and CHRA Requirements
12:30 pm – 1:30 pm	<b>Lunch Break</b>
1:30 pm – 3:30 pm	Topic 9: Chemical Spill Response and Emergency Preparedness
3:30 pm – 3:45 pm	<b>Afternoon Tea Break</b>
3:45 pm – 5:00 pm	Topic 10: Case Studies and Compliance Documentation Review