



SPILL PREVENTION, CONTROL & COUNTERMEASURE (SPCC) 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: Spill Prevention, Control & Countermeasure (SPCC) Training

Course Validity: 2 Days

Validity: Not Applicable

HRD Corp Scheme: Claimable

INTRODUCTION

This training provides participants with essential knowledge on preventing, managing and responding to chemical, oil and hazardous material spills. It introduces spill risks, control measures, containment strategies, regulatory expectations and emergency countermeasures. The course aims to strengthen workplace preparedness, protect the environment and ensure compliance with safety and environmental requirements.

OBJECTIVE(S):

- Understand spill risks, causes and environmental impacts
- Learn prevention strategies, containment methods and control measures
- Strengthen spill response readiness using proper equipment and procedures
- Understand regulatory and compliance requirements related to spills
- Learn documentation, reporting and post-incident improvement steps
- Enhance competency in developing and implementing SPCC plans
- Improve organisational emergency preparedness and pollution prevention

TARGET GROUP(S):

- EHS, safety and environmental personnel
- Chemical handlers and operations teams
- Facility, warehouse and production staff
- Waste management and emergency response teams
- Any organisation handling chemicals, oils or hazardous materials

ENTRY REQUIREMENT(S):

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

TOPIC(S):

1. Introduction to Spill Prevention and SPCC Principles
2. Spill Hazards, Risk Identification and Environmental Impacts
3. Spill Prevention Controls, Engineering Measures and Good Practices
4. Containment Methods, Spill Kits and Equipment Usage
5. Emergency Response Procedures and Countermeasure Actions
6. Regulatory, Reporting and Compliance Requirements
7. Documentation, Investigation and Corrective Measures
8. Developing and Implementing a Workplace SPCC Plan

LIST OF REFERENCE BOOK(S):

- DOE Malaysia Spill & Pollution Prevention Guidelines
- OSHA Hazardous Material Handling Manuals
- SPCC Planning & Response Standards
- Emergency Response and Spill Control Documentation

LIST OF TEACHING AID(S):

- LCD projector
- Computer
- Whiteboard with accessories

METHODOLOGY(S):

- Lecture
- Case studies
- Group discussions
- Documentation review

TRAINING SCHEDULE

Day 1

Time	Activity / Topic
8:30 am – 9:00 am	Registration and Introduction
9:00 am – 9:45 am	Topic 1: SPCC Principles
9:45 am – 10:30 am	Topic 2: Spill Hazards & Environmental Impacts
10:30 am – 10:45 am	Morning Tea Break
10:45 am – 11:30 am	Topic 3: Spill Prevention Controls & Good Practices
11:30 am – 12:30 pm	Topic 4: Containment Methods & Spill Equipment
12:30 pm – 1:30 pm	Lunch Break
1:30 pm – 2:30 pm	Case Study: Major Spill Incidents
2:30 pm – 3:30 pm	Demonstration: Spill Kit Components & Usage
3:30 pm – 3:45 pm	Afternoon Tea Break
3:45 pm – 5:00 pm	Practical Exercise: Spill Containment Setup

TRAINING SCHEDULE

Day 2

Time	Activity / Topic
8:30 am – 9:00 am	Recap of Day 1 & Q&A
9:00 am – 9:45 am	Topic 5: Emergency Response & Countermeasures
9:45 am – 10:30 am	Topic 6: Regulatory & Reporting Requirements
10:30 am – 10:45 am	Morning Tea Break
10:45 am – 11:30 am	Topic 7: Documentation, Investigation & Corrective Action
11:30 am – 12:30 pm	Practical: Spill Incident Scenario Review
12:30 pm – 1:30 pm	Lunch Break
1:30 pm – 2:30 pm	Topic 8: Developing a Workplace SPCC Plan
2:30 pm – 3:30 pm	Workshop: SPCC Plan Components & Implementation
3:30 pm – 3:45 pm	Afternoon Tea Break
3:45 pm – 5:00 pm	Final Spill Drill, Q&A & Closing