



## **ENVIRONMENTAL POLLUTION PREVENTION AND CONTROL 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:** Environmental Pollution Prevention and Control Training

**Course Validity:** 2 Days

**Validity:** Not Applicable

**HRD Corp Scheme:** Claimable

## **INTRODUCTION**

This training provides participants with essential knowledge on environmental pollution sources, impacts, control technologies and prevention measures across air, water, noise and waste streams. It covers Malaysian environmental regulations, operational controls, pollution mitigation strategies and best practices for sustainable site management. Participants will learn how to identify pollution risks, implement control measures, monitor environmental performance and improve organisational compliance with the Environmental Quality Act (EQA) 1974 and related regulations.

## **OBJECTIVE(S):**

- Understand the fundamentals of environmental pollution and its impacts.
- Identify major pollution sources in industrial, commercial and operational settings.
- Apply pollution prevention techniques for air, water, noise and waste management.
- Understand Malaysian legal requirements and DOE obligations.
- Implement operational controls and engineering measures effectively.
- Monitor pollution levels using appropriate tools and methods.
- Strengthen environmental management and compliance initiatives.
- Improve organisational sustainability and pollution reduction performance.

**TARGET GROUP(S):**

- Environmental Officers and Executives
- Safety, Health and Environmental Practitioners
- Facility Managers and Engineers
- Production, Operations and Maintenance Personnel
- Quality and Compliance Officers
- Supervisors, Managers and Sustainability Teams
- Anyone involved in pollution prevention or environmental management

**ENTRY REQUIREMENT(S):**

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

**TOPIC(S):**

1. Introduction to Environmental Pollution and Impact Pathways
2. Malaysian Environmental Laws and Regulatory Requirements
3. Air Pollution Sources, Control Technologies and Emission Management
4. Water Pollution, Effluent Control and Wastewater Treatment Fundamentals
5. Noise Pollution, Vibration and Boundary Noise Management
6. Scheduled Waste Management and Solid Waste Control Measures
7. Pollution Prevention Planning and Source Reduction Techniques
8. Environmental Monitoring Tools and Performance Indicators
9. Operational Controls, Housekeeping and Preventive Measures
10. Case Studies, Scenarios and Pollution Prevention Action Planning

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

- Environmental Quality Act 1974
- DOE Guidelines for Air, Water, Noise and Waste Management
- ISO 14001:2015 (Environmental Control Requirements)
- Malaysian Environmental Law References
- Pollution Prevention and Cleaner Production Manuals

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

- LCD projector
- Pollution control diagrams and flow visuals
- Environmental monitoring tools (demo basis)
- Case study worksheets
- Flip chart or whiteboard

**METHODOLOGY(S):**

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

## TRAINING SCHEDULE

### Day 1

Time	Activity / Topic
8:30 am – 9:00 am	Registration and Introduction
9:00 am – 10:15 am	Topic 1: Environmental Pollution and Impact Pathways
10:15 am – 10:30 am	<b>Morning Tea Break</b>
10:30 am – 12:30 pm	Topic 2–3: Environmental Laws, Air Pollution Sources and Controls
12:30 pm – 1:30 pm	<b>Lunch Break</b>
1:30 pm – 3:30 pm	Topic 4: Water Pollution and Effluent Control
3:30 pm – 3:45 pm	<b>Afternoon Tea Break</b>
3:45 pm – 5:00 pm	Topic 5: Noise Pollution and Boundary Noise Management

## 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: Scheduled Waste and Solid Waste Control
10:15 am – 10:30 am	<b>Morning Tea Break</b>
10:30 am – 12:30 pm	Topic 7–8: Pollution Prevention Planning and Monitoring Tools
12:30 pm – 1:30 pm	<b>Lunch Break</b>
1:30 pm – 3:30 pm	Topic 9: Operational Controls and Preventive Measures
3:30 pm – 3:45 pm	<b>Afternoon Tea Break</b>
3:45 pm – 5:00 pm	Topic 10: Case Studies and Pollution Prevention Action Planning