



WATER POLLUTION CONTROL AND EFFLUENT MANAGEMENT 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: Water Pollution Control and Effluent Management Training

Course Validity: 2 Days

Validity: Not Applicable

HRD Corp Scheme: Claimable

INTRODUCTION

This 2-day training program is designed to equip participants with the knowledge and skills to manage water pollution and effluent discharge effectively. The course focuses on understanding regulatory requirements, identifying sources of water pollution, implementing control measures, and adopting sustainable effluent management practices.

OBJECTIVE(S):

- Understand the principles and importance of water pollution control and effluent management.
- Learn about regulatory frameworks governing water pollution and effluent discharge.
- Identify sources of water pollution and assess their impacts.
- Develop skills to implement effluent treatment and control strategies.
- Promote sustainable practices in water pollution management.

TARGET GROUP(S):

- Environmental officers and consultants.
- Managers and supervisors in industries generating effluent.
- Safety and health officers.
- Employees responsible for environmental compliance and sustainability.

ENTRY REQUIREMENT(S):

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

TOPIC(S):

1. Introduction to Water Pollution and Effluent Management.
2. Regulatory Framework and Compliance Requirements.
3. Sources and Impacts of Water Pollution.
4. Effluent Treatment Processes and Technologies.
5. Monitoring, Control, and Sustainable Management Practices.

LIST OF REFERENCE BOOK(S):

- Environmental Quality Act 1974 and Effluent Discharge Regulations.
- Malaysian Water Pollution Control Guidelines by DOE.
- International Best Practices in Effluent Management.

LIST OF TEACHING AID(S):

- Water quality monitoring equipment (e.g., pH meters, turbidity sensors).
- Effluent treatment system models and flow diagrams.
- LCD projector and computer.
- Whiteboard with accessories.

METHODOLOGY(S):

- Lecture.
- Group discussions and scenario analysis.
- Practical exercises on effluent treatment planning.
- Case study analysis of water pollution control strategies.

TRAINING SCHEDULE

Day 1

Time	Activity/Topic
8:30 am - 9:00 am	Registration and Introduction
9:00 am - 10:30 am	Topic 1: Introduction to Water Pollution and Effluent Management
10:30 am - 10:45 am	Morning Tea Break
10:45 am - 12:30 pm	Topic 2: Regulatory Framework and Compliance Requirements
12:30 pm - 1:30 pm	Lunch Break
1:30 pm - 3:30 pm	Topic 3: Sources and Impacts of Water Pollution
3:30 pm - 3:45 pm	Afternoon Tea Break
3:45 pm - 5:00 pm	Group Activity: Identifying Pollution Sources in Case Scenarios

TRAINING SCHEDULE

Day 2

Time	Activity/Topic
8:30 am - 9:00 am	Recap of Day 1
9:00 am - 10:30 am	Topic 4: Effluent Treatment Processes and Technologies
10:30 am - 10:45 am	Morning Tea Break
10:45 am - 12:30 pm	Topic 5: Monitoring, Control, and Sustainable Management Practices
12:30 pm - 1:30 pm	Lunch Break
1:30 pm - 3:30 pm	Practical Exercise: Designing an Effluent Management Plan
3:30 pm - 3:45 pm	Afternoon Tea Break
3:45 pm - 5:00 pm	Group Activity: Analyzing Effluent Treatment Case Studies