



AIR QUALITY MANAGEMENT AND MONITORING 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: Air Quality Management and Monitoring Training

Course Validity: 2 Days

Validity: Not Applicable

HRD Corp Scheme: Claimable

INTRODUCTION

This 2-day training program provides participants with comprehensive knowledge of air quality management and monitoring techniques. The course covers regulatory frameworks, pollutant sources, monitoring methodologies, and control measures to ensure compliance with air quality standards and promote sustainable environmental practices.

OBJECTIVE(S):

- Understand air quality management principles and regulatory requirements.
- Identify key air pollutants and their sources.
- Learn air quality monitoring techniques and equipment usage.
- Develop skills to analyze and interpret air quality data.
- Promote strategies for reducing air pollution and improving environmental performance.

TARGET GROUP(S):

- Environmental officers and consultants.
- Safety and health officers.
- Engineers and plant operators in industries with air emissions.
- Employees involved in environmental compliance and sustainability.

ENTRY REQUIREMENT(S):

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

TOPIC(S):

1. Introduction to Air Quality Management and Regulations.
2. Key Air Pollutants and Their Sources.
3. Air Quality Monitoring Techniques and Equipment.
4. Data Analysis and Interpretation for Air Quality Monitoring.
5. Air Pollution Control Strategies and Technologies.

LIST OF REFERENCE BOOK(S):

- Environmental Quality Act 1974 and Clean Air Regulations.
- Guidelines on Air Quality Monitoring by DOE Malaysia.
- International Best Practices in Air Quality Management.

LIST OF TEACHING AID(S):

- Air quality monitoring equipment (e.g., particulate matter analyzers, gas detectors).
- LCD projector and computer.
- Data analysis software or templates.
- Whiteboard with accessories.

METHODOLOGY(S):

- Lecture.
- Group discussions and case studies.
- Practical exercises on air quality monitoring techniques.
- Role-playing scenarios on air quality data interpretation and decision-making.

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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 Air Quality Management and Regulations
10:30 am - 10:45 am	Morning Tea Break
10:45 am - 12:30 pm	Topic 2: Key Air Pollutants and Their Sources
12:30 pm - 1:30 pm	Lunch Break
1:30 pm - 3:30 pm	Practical Session: Identifying Air Pollutant Sources
3:30 pm - 3:45 pm	Afternoon Tea Break
3:45 pm - 5:00 pm	Topic 3: Air Quality Monitoring Techniques and Equipment

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: Data Analysis and Interpretation for Air Quality Monitoring
10:30 am - 10:45 am	Morning Tea Break
10:45 am - 12:30 pm	Topic 5: Air Pollution Control Strategies and Technologies
12:30 pm - 1:30 pm	Lunch Break
1:30 pm - 3:30 pm	Practical Exercise: Conducting Air Quality Monitoring
3:30 pm - 3:45 pm	Afternoon Tea Break
3:45 pm - 5:00 pm	Group Activity: Developing an Air Quality Management Plan