



## ENVIRONMENTAL NOISE MONITORING 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 Noise Monitoring and Control Training

**Course Validity:** 2 Days

**Validity:** Not Applicable

**HRD Corp Scheme:** Claimable

## **INTRODUCTION**

This 2-day training program equips participants with comprehensive knowledge of environmental noise monitoring and control techniques. The course emphasizes the identification of noise sources, measurement methods, regulatory compliance, and the implementation of noise control strategies to minimize environmental and workplace impacts.

## **OBJECTIVE(S):**

- Understand the fundamentals of environmental noise and its impact on communities and workers.
- Learn regulatory requirements for noise monitoring and control.
- Develop skills to conduct noise monitoring using appropriate tools and techniques.
- Identify effective noise control strategies and technologies.
- Promote sustainable practices in noise management.

## **TARGET GROUP(S):**

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

**ENTRY REQUIREMENT(S):**

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

**TOPIC(S):**

1. Introduction to Environmental Noise and Its Impact.
2. Regulatory Framework and Standards for Noise Monitoring.
3. Noise Monitoring Techniques and Equipment.
4. Data Analysis and Reporting for Noise Monitoring.
5. Noise Control Measures and Sustainable Management Practices.

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

- Environmental Quality Act 1974 and Noise Regulations.
- International Standards for Environmental Noise Monitoring (e.g., ISO 1996).
- Local Noise Control Guidelines by DOE Malaysia.

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

- Sound level meters and noise dosimeters.
- Noise mapping software or templates.
- LCD projector and computer.
- Whiteboard with accessories.

**METHODOLOGY(S):**

- Lecture.
- Hands-on practice with noise monitoring equipment.
- Group discussions and scenario analysis.
- Practical exercises on noise data interpretation.

## 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 Environmental Noise and Its Impact
10:30 am - 10:45 am	<b>Morning Tea Break</b>
10:45 am - 12:30 pm	Topic 2: Regulatory Framework and Standards for Noise Monitoring
12:30 pm - 1:30 pm	<b>Lunch Break</b>
1:30 pm - 3:30 pm	Topic 3: Noise Monitoring Techniques and Equipment
3:30 pm - 3:45 pm	<b>Afternoon Tea Break</b>
3:45 pm - 5:00 pm	Practical Session: Using Noise Monitoring 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 Reporting for Noise Monitoring
10:30 am - 10:45 am	<b>Morning Tea Break</b>
10:45 am - 12:30 pm	Topic 5: Noise Control Measures and Sustainable Management Practices
12:30 pm - 1:30 pm	<b>Lunch Break</b>
1:30 pm - 3:30 pm	Practical Exercise: Developing a Noise Control Plan
3:30 pm - 3:45 pm	<b>Afternoon Tea Break</b>
3:45 pm - 5:00 pm	Group Activity: Case Study on Noise Management in Industrial Settings