



## TOTAL PRODUCTIVE MAINTENANCE (TPM) 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:** Total Productive Maintenance (TPM) Training

**Course Validity:** 2 Days

**Validity:** Not Applicable

**HRD Corp Scheme:** Claimable

## **INTRODUCTION**

This 2-day training program introduces participants to Total Productive Maintenance (TPM), a proactive approach to improving equipment reliability, reducing downtime, and optimizing maintenance activities. The course emphasizes the role of all employees in ensuring effective maintenance to achieve operational excellence.

## **OBJECTIVE(S):**

- Understand the principles and pillars of Total Productive Maintenance (TPM).
- Learn strategies to improve equipment reliability and reduce downtime.
- Develop skills to implement Autonomous Maintenance (AM).
- Foster collaboration between production and maintenance teams.
- Promote a culture of continuous improvement in maintenance practices.

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

- Maintenance managers and supervisors.
- Production team leaders and operators.
- Quality assurance personnel.
- Employees involved in equipment maintenance and reliability programs.

**ENTRY REQUIREMENT(S):**

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

**TOPIC(S):**

1. Introduction to Total Productive Maintenance (TPM).
2. The Eight Pillars of TPM.
3. Autonomous Maintenance and Operator Engagement.
4. Equipment Performance Measurement and Analysis.
5. Implementing TPM: Challenges and Best Practices.

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

- "TPM for Every Operator" by Japan Institute of Plant Maintenance.
- Local and international guidelines on TPM practices.

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

- TPM templates and worksheets.
- Equipment performance data for analysis.
- LCD projector and computer.
- Whiteboard with accessories.

**METHODOLOGY(S):**

- Lecture.
- Group discussions and brainstorming sessions.
- Practical exercises on Autonomous Maintenance.
- Case study analysis of TPM implementation.

## 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 Total Productive Maintenance (TPM) |
| 10:30 am - 10:45 am | <b>Morning Tea Break</b>                                    |
| 10:45 am - 12:30 pm | Topic 2: The Eight Pillars of TPM                           |
| 12:30 pm - 1:30 pm  | <b>Lunch Break</b>  |
| 1:30 pm - 3:30 pm   | Topic 3: Autonomous Maintenance and Operator Engagement     |
| 3:30 pm - 3:45 pm   | <b>Afternoon Tea Break</b>                                  |
| 3:45 pm - 5:00 pm   | Group Activity: Planning Autonomous Maintenance Tasks       |

## 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: Equipment Performance Measurement and Analysis  |
| 10:30 am - 10:45 am | <b>Morning Tea Break</b>                                 |
| 10:45 am - 12:30 pm | Topic 5: Implementing TPM: Challenges and Best Practices |
| 12:30 pm - 1:30 pm  | <b>Lunch Break</b>                                       |
| 1:30 pm - 3:30 pm   | Practical Exercise: Developing a TPM Implementation Plan |
| 3:30 pm - 3:45 pm   | <b>Afternoon Tea Break</b>                               |
| 3:45 pm - 5:00 pm   | Case Study: Successful TPM Implementation Examples       |