



TOTAL PRODUCTIVE MAINTENANCE (TPM) AWARENESS TRAINING



MTBM Group Sdn. Bhd. (1600656-M)

Level 8, MCT Tower, Sky Park, One City, Jalan USJ 25/1, 47650 Subang Jaya, Selangor



+603 8022 8330



+603 8022 8201



info@mtbmgroup.com



mtbmgroup.com

Course Title: Total Productive Maintenance (TPM) Awareness Training

Course Validity: 1 Day

Validity: Not Applicable

HRD Corp Scheme: Claimable

INTRODUCTION

This training provides participants with a clear and practical understanding of Total Productive Maintenance (TPM), a structured approach aimed at maximising equipment efficiency, reducing unplanned downtime and enhancing overall productivity. The program introduces the core TPM pillars, including autonomous maintenance, planned maintenance, focused improvement, early equipment management, quality maintenance, training and development, and workplace safety and environment. Participants will learn how TPM encourages collaboration between operators, technicians and management to create a culture of ownership, continuous improvement and proactive maintenance. Through practical examples, simplified tools and real-case discussion, this training equips participants with the awareness needed to support TPM initiatives and contribute to a high-reliability, high-performance workplace.

OBJECTIVE(S):

- Understand the purpose, scope and benefits of Total Productive Maintenance.
- Learn the 8 Pillars of TPM and their relevance to workplace performance.
- Identify sources of equipment losses and understand OEE fundamentals.
- Gain awareness of autonomous and planned maintenance practices.
- Strengthen teamwork and ownership culture in maintenance activities.
- Support the organisation's transition toward proactive and preventive maintenance.

TARGET GROUP(S):

- Operators and production personnel
- Maintenance technicians and engineers
- Supervisors and team leaders
- Quality and safety personnel
- Continuous improvement teams
- Anyone involved in equipment operation or maintenance

ENTRY REQUIREMENT(S):

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

TOPIC(S):

1. Introduction to TPM and Operational Excellence
2. Types of Equipment Losses and Understanding OEE
3. TPM Pillar 1: Autonomous Maintenance
4. TPM Pillar 2: Planned Maintenance
5. TPM Pillars 3–5: Focused Improvement, Quality Maintenance, Early Equipment Management
6. TPM Pillars 6–8: Training, Office TPM and Safety
7. Implementing TPM Culture and Sustaining Improvement

LIST OF REFERENCE BOOK(S):

- TPM Implementation Guides
- Japanese Institute of Plant Maintenance (JIPM) references
- Maintenance and reliability improvement resources

LIST OF TEACHING AID(S):

- LCD projector
- Computer
- Whiteboard with accessories
- Flip chart with accessories
- TPM worksheets and OEE examples

METHODOLOGY(S):

- Lecture
- Group discussions
- Case studies
- Practical examples

TRAINING SCHEDULE

Day 1

Time	Activity / Topic
8:30 am – 9:00 am	Registration and Introduction
9:00 am – 10:00 am	Topic 1: Introduction to TPM and Operational Excellence
10:00 am – 10:45 am	Topic 2: Equipment Losses and OEE Fundamentals
10:45 am – 11:00 am	Morning Tea Break
11:00 am – 12:15 pm	Topic 3: Autonomous Maintenance
12:15 pm – 1:30 pm	Lunch Break
1:30 pm – 2:30 pm	Topic 4: Planned Maintenance
2:30 pm – 3:30 pm	Topic 5: Focused Improvement, Quality Maintenance and Early Equipment Management
3:30 pm – 3:45 pm	Afternoon Tea Break
3:45 pm – 4:30 pm	Topic 6: Training, Office TPM and Safety
4:30 pm – 5:00 pm	Topic 7: Implementing TPM Culture and Sustaining Improvement
5:00 pm – 5:15 pm	Q&A and Closing