



OVERALL EQUIPMENT EFFECTIVENESS (OEE) 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: Overall Equipment Effectiveness (OEE) Training

Course Validity: 2 Days

Validity: Not Applicable

HRD Corp Scheme: Claimable

INTRODUCTION

This 2-day training program provides participants with the skills to measure and improve Overall Equipment Effectiveness (OEE), a key performance indicator for manufacturing efficiency. The course covers OEE calculation, analysis, and strategies to minimize equipment losses and maximize productivity.

OBJECTIVE(S):

- Understand the concept and importance of Overall Equipment Effectiveness (OEE).
- Learn how to calculate and analyze OEE metrics.
- Identify equipment losses and develop strategies for improvement.
- Gain knowledge of best practices to enhance productivity and efficiency.
- Promote a culture of continuous improvement in equipment performance.

TARGET GROUP(S):

- Maintenance and production managers.
- Supervisors and team leaders.
- Quality assurance personnel.
- Employees involved in process optimization and equipment reliability.

ENTRY REQUIREMENT(S):

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

TOPIC(S):

1. Introduction to Overall Equipment Effectiveness (OEE).
2. The Three OEE Factors: Availability, Performance, and Quality.
3. Calculating and Analyzing OEE Metrics.
4. Identifying and Reducing Equipment Losses.
5. Strategies for Continuous Improvement in OEE.

LIST OF REFERENCE BOOK(S):

- "OEE for Operators" by Productivity Press Development Team.
- Local and international guidelines on OEE best practices.

LIST OF TEACHING AID(S):

- OEE calculation templates and tools.
- Case studies for analysis.
- LCD projector and computer.
- Whiteboard with accessories.

METHODOLOGY(S):

- Lecture.
- Group discussions and brainstorming sessions.
- Practical exercises on OEE calculation and analysis.
- Case study analysis on improving OEE.

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 Overall Equipment Effectiveness (OEE)
10:30 am - 10:45 am	Morning Tea Break
10:45 am - 12:30 pm	Topic 2: The Three OEE Factors: Availability, Performance, Quality
12:30 pm - 1:30 pm	Lunch Break
1:30 pm - 3:30 pm	Practical Exercise: Calculating OEE Metrics
3:30 pm - 3:45 pm	Afternoon Tea Break
3:45 pm - 5:00 pm	Topic 3: Identifying Equipment Losses

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: Strategies to Reduce Losses and Improve OEE
10:30 am - 10:45 am	Morning Tea Break
10:45 am - 12:30 pm	Topic 5: Continuous Improvement in OEE
12:30 pm - 1:30 pm	Lunch Break
1:30 pm - 3:30 pm	Practical Exercise: Developing an OEE Improvement Plan
3:30 pm - 3:45 pm	Afternoon Tea Break
3:45 pm - 5:00 pm	Case Study: Successful OEE Improvement Initiatives