



LEAN MANUFACTURING PRINCIPLES (LMP) 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: Lean Manufacturing Principles (LMP) Training

Course Validity: 2 Days

Validity: Not Applicable

HRD Corp Scheme: Claimable

INTRODUCTION

This 2-day training program provides participants with a comprehensive understanding of Lean Manufacturing Principles (LMP). It focuses on improving productivity, reducing waste, and creating value in manufacturing processes. The course emphasizes practical applications of lean tools and techniques to drive efficiency and sustainability.

OBJECTIVE(S):

- Understand the principles and importance of Lean Manufacturing.
- Identify and eliminate waste in processes using Lean tools.
- Learn techniques to enhance productivity and create value.
- Develop strategies for implementing Lean in the workplace.
- Promote continuous improvement and sustain lean practices.

TARGET GROUP(S):

- Manufacturing managers and supervisors.
- Production and quality assurance personnel.
- Process improvement teams.
- Employees involved in operational efficiency initiatives.

ENTRY REQUIREMENT(S):

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

TOPIC(S):

1. Introduction to Lean Manufacturing and Its Benefits.
2. The Five Lean Principles.
3. Identifying and Eliminating Waste (Muda, Mura, Muri).
4. Lean Tools: 5S, Kaizen, Kanban, JIT.
5. Lean Implementation Strategies and Challenges.

LIST OF REFERENCE BOOK(S):

- “Lean Thinking” by James P. Womack and Daniel T. Jones.
- Lean Manufacturing Guidelines and Tools by Local Authorities.

LIST OF TEACHING AID(S):

- Lean process diagrams and templates.
- Case studies on Lean implementations.
- Whiteboard with accessories.
- LCD projector and computer.

METHODOLOGY(S):

- Lecture.
- Group discussions and brainstorming sessions.
- Practical exercises on waste identification and elimination.
- Case study analysis on Lean practices.

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 Lean Manufacturing and Its Benefits
10:30 am - 10:45 am	Morning Tea Break
10:45 am - 12:30 pm	Topic 2: The Five Lean Principles
12:30 pm - 1:30 pm	Lunch Break
1:30 pm - 3:30 pm	Topic 3: Identifying and Eliminating Waste (Muda, Mura, Muri)
3:30 pm - 3:45 pm	Afternoon Tea Break
3:45 pm - 5:00 pm	Group Activity: Waste Identification Exercise

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: Lean Tools: 5S, Kaizen, Kanban, JIT
10:30 am - 10:45 am	Morning Tea Break
10:45 am - 12:30 pm	Topic 5: Strategies for Implementing Lean
12:30 pm - 1:30 pm	Lunch Break
1:30 pm - 3:30 pm	Practical Exercise: Developing a Lean Implementation Plan
3:30 pm - 3:45 pm	Afternoon Tea Break
3:45 pm - 5:00 pm	Case Study: Successful Lean Manufacturing Practices