



# FMM INSTITUTE *(Centre for Professional Development)*

Wisma FMM, No. 3, Persiaran Dagang, PJU 9, Bandar Sri Damansara, 52200 Kuala Lumpur  
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## FMM CERTIFICATE IN LEAN MANUFACTURING



SBL Scheme

FMM Certificate in Lean Manufacturing will provide an introduction to the methods and practices involved in Lean Manufacturing Management. It presents the information by using both a conceptual framework and real-life examples to further the learning process.



### COURSE OBJECTIVES

At the end of the programme, participants would be able to:

- Understand the concepts and implementation of Lean Manufacturing
- Enhance the importance of Value Stream Mapping, supporting tools and techniques and implementation
- Gain a working knowledge of Kaizan, JIT, 5S, waste reduction and elimination and TPM
- Enhance awareness of the Kanban Systems, implementation, auditing and improving Kanban

### WHO SHOULD ATTEND

Managers, Engineers, Executives, Technicians and those who wish to improve their understanding and skills in relation to the application of lean management and implementation in manufacturing.

### COURSE STRUCTURE

Number of Contact Days : 10 days / 70 Hours  
Number of Modules : Two (2)  
Lecture Days : Sat & Sun  
Duration of programme : 3 months

#### Evaluation

Assignment by module

### ADMINISTRATIVE DETAILS

### ENTRY REQUIREMENTS

Minimum MCE/SPM/SPVM and at least 3 years' experience in operations and have an understanding of basic manufacturing process.

Date: May 29 – August 7, 2021  
Time: 9.00 am – 5.00 pm  
Venue: **FMM Institute**  
2<sup>nd</sup> Floor, Wisma FMM,  
No.3, Persiaran Dagang, PJU 9  
Bandar Sri Damansara  
52200 Kuala Lumpur

Fees: FMM Members RM5,724 per pax  
FMM Non Member RM6,784 per pax  
*Fees inclusive of 6% Service Tax*

*(Refreshment and lunch will be provided)*



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## FMM CERTIFICATE IN LEAN MANUFACTURING

### COURSE CONTENTS

Module One: **Introduction to Lean Manufacturing (5 days)**

- Kaizen
- JIT
- 5S
- Lean tools
- Waste elimination
- TPM

Module Two: **Kanban Systems and Value Stream Mapping (VSM) (6 days)**

- Introduction to Kanban
- Many kinds of Kanban
- Kanban type (1-4)
- Kanban rules (1-5)
- Pro and cons of Kanban
- Current state mapping
- Concept of flow
- Future state mapping
- Supporting tools and techniques
- Line balancing
- VSM planning and strategy

#### TRAINING METHODOLOGY

A combination of lectures, case studies, class exercises and discussion

#### CERTIFICATION PANEL

A Certification Panel is established to assess the assignments undertaken by participants together with evaluation of their competency. Participants must pass the internal examination and complete the assignment successfully in order to be issued the FMM Certificate in Lean Manufacturing.



**REGISTRATION FORM**

**FMM CERTIFICATE IN LEAN MANUFACTURING**

**Saturday & Sunday, Date: May 29 – August 7, 2021**

**Venue : FMM Institute, Kuala Lumpur**

(To be completed in BLOCK LETTERS)

**A. PERSONAL PARTICULARS**

Full Name (Mr/Ms) : \_\_\_\_\_ NRIC No. \_\_\_\_\_  
 Designation : \_\_\_\_\_ Name of Company : \_\_\_\_\_  
 Permanent Address : \_\_\_\_\_  
 Correspondence Address : \_\_\_\_\_  
 (if different from permanent address)  
 Tel No. (H) : \_\_\_\_\_ (O) : \_\_\_\_\_ Fax No. : \_\_\_\_\_  
 E-mail Address : \_\_\_\_\_ H/P No: \_\_\_\_\_  
 Date of Birth : \_\_\_\_\_ Sex : \_\_\_\_\_ Age : \_\_\_\_\_ Nationality : \_\_\_\_\_ Race : \_\_\_\_\_

**B. EDUCATIONAL BACKGROUND**

| Name of School / Institution            | Years Attended |       | Highest Qualification Obtained |
|---|----------------|-------|--------------------------------|
|   | From           | To    |                                |
| Secondary : _____                       | _____          | _____ | _____                          |
| College / University : _____            | _____          | _____ | _____                          |
| Any Special Professional Course : _____ | _____          | _____ | _____                          |

**C. SPONSORSHIP**

Company Sponsored       Self Sponsored      Please Tick (√)

**D. SUBMITTED BY** (To be filled if sponsored by company)

SBL       Non Contributor      Please Tick (√)

Name : \_\_\_\_\_ Designation : \_\_\_\_\_  
 Company Name: \_\_\_\_\_  
 Company Address : \_\_\_\_\_  
 Tel No. : \_\_\_\_\_ Fax No. : \_\_\_\_\_ E-mail Address : \_\_\_\_\_  
 FMM Membership No: \_\_\_\_\_ My Corporate Identity No : \_\_\_\_\_

**E. DECLARATION**

**I hereby declare that the information provided is correct and complete.**

Signature of Participant: \_\_\_\_\_ Date: \_\_\_\_\_

**Payment Advice:**  
 Enclosed cheque/bank draft No. \_\_\_\_\_ for RM \_\_\_\_\_ being payment for \_\_\_\_\_ participant(s) made in favour of "FMM Institute".