



FMM Institute (475427-W)
Penang Branch

NEW!

INTRODUCTION TO LEAN MANUFACTURING

4 & 5 JUNE 2012 (MONDAY & TUESDAY)
9.00AM – 5.00 PM

Training Venue:
FMM Institute, Bandar Seberang Jaya, Penang

SBL SCHEME
100% CLAIMABLE FROM PSMB

Description

Lean tool provides massive opportunities for companies to reduce waste and hence save money. This course provides an overview on the concept of Lean Manufacturing. The tools associated with Lean will be explained individually and then brought together to show how they can work together to provide the benefits. Delegates will therefore be able to see at firsthand how the use of some simple tools can have a dramatic effect on the bottom line.

Course Objectives

- To introduce the concepts of Lean
- To explain individually the tools associated with Lean
- To practically examine the benefits of Lean through the use of simulations
- To understand the potential savings possible
- To understand how to implement Lean in an organization
- To understand how Lean links with Six Sigma

Course Content

First Day: Morning Session

No	Course Content
1	Basic Concept of Lean Manufacturing
2	Why Must We Go Lean?
3	Benefits of Lean
4	How to implement Lean at Workplace

5	Components of Lean
6	Wastes in Manufacturing
7	How to eliminate & reduce waste

First Day: Afternoon Session

No	Course Content
8	Introduction to SMED & Examples
9	Steps Involved in Internal & External Activities
10	Introduction to Kanban System
11	Push / Pull production System
12	Continuous Flow & Takt Time
13	Value Stream Mapping
14	Current Reality Tree & Future Reality Tree

Second Day: Morning Session

No	Course Content
1	5S Concept
2	Visual Management System
3	Production Leveling (Heijunka)
4	Introduction to Total Productive Maintenance (TPM)
5	Autonomous Maintenance
6	Overall Equipment Effectiveness (OEE)

Second Day: Afternoon Session

No	Course Content
1	Total Employee Involvement
2	Continuos Improvement Through Kaizen
3	Radar Evaluation Chart
4	Lean & Six Sigma

Targeted Participants

Managers, Supervisors, Engineers, Foreman

Trainer

Mr. Mahadev is a Quality Engineering Professional. After graduating with a Bachelor's Degree in Electrical Engineering from University Technology Malaysia in 1999, he has been involved in various technical projects to optimize and improve manufacturing processes, reduction in defects towards quality and productivity improvements at a Multinational company in Penang in his capacity as an Assistant Manager. Mr. Mahadev is an American Society of Quality Certified Quality Engineer (No: 45592), ASQ Certified Six Sigma Black Belt (No: 3218) and TRIZ (Structured Innovation) Green Belt, Pretium LLC, US (No:SIT2-0037-10C). He is also a Certified Supplier Auditor (by SMMT) for ISO-TS16949:2002 Quality System. Currently, he is a Senior Member of American Society Of Quality (ASQ) (No: 63458142), Senior Member of Society of Manufacturing Engineers (SME, US, No: 13889202), Member of Board of Engineers Malaysia (BEM, No: 59687A[Electronics]) and also Member of Institution of Engineers Malaysia (IEM, No: G38860[Electronics]). Apart from that, Mr. Mahadev has also been involved in "Lean Manufacturing and Six Sigma" initiatives.

His expertise in manufacturing process variation reduction coupled with his leadership skill and ability to integrate theoretical knowledge into practical real world situations makes him a particularly effective resource person to impart knowledge in the areas of Process and Quality Engineering.

ADMINISTRATIVE DETAILS

COURSE FEE	RM780 (FMM Member) / RM880 (Non-Member) per participant (The fee includes luncheon, coffee/tea breaks and notes)
DRESS CODE	Office Attire
REGISTRATION	Participation in the programme is based on a first-come-first-served basis. Cheques made in favour of the "FMM Institute" should be forwarded on or before programme date to the FMM Institute, Northern Branch, Bandar Seberang Jaya. Participants who registered but did not attend, will be billed accordingly. Upon confirmation, kindly send us the payment before the commencement of the programme.
CANCELLATION	There will be no refund for cancellation within 2 days prior to the programme, 50% for cancellation between 3 – 6 days and full refund for cancellation 7 days prior to the programme. Please inform in writing if you intend to cancel. A replacement can be accepted at no additional cost.
DISCLAIMER	The FMM Institute reserves the right to change the facilitator, date and to vary / cancel the programme should unavoidable circumstances arise. All efforts will be taken to inform participants of the changes. Upon sending the registration form, you are deemed to have read and accepted the terms and conditions.
ENQUIRIES	Ms Nazliza / Mr Haffiz / Mr Aidi FMM Institute No 2767, Mukim 11, Lebu Tenggiri 2, Bandar Seberang Jaya, 13700 Seberang Perai Tel : 04-6302052 (Nazliza) / 04-3992057 (Haffiz) / 04-6302050 (Aidi) Fax : 04-6302054 / 04-3994863 Email : nazliza@fmm.org.my hafiz@fmm.org.my

CLOSING DATE **28 May 2012**

REGISTRATION FORM

EFFECTIVE TECHNICAL REPORT WRITING (27 & 28 JUNE 2012 / 9.00 AM – 5.00 PM)

Venue : FMM Institue Seberang Jaya

To : Ms Nazliza / Haffiz
(Fax : 04-6302054/04-3994863 / nazliza@fmm.org.my / haffiz@fmm.org.my)

FMM Institute (Penang Branch)

1. Name : _____

Designation : _____

Email: _____

2. Name : _____

Designation : _____

Email: _____

3. Name : _____

Designation : _____

Email: _____

4. Name : _____

Designation : _____

Email: _____

Enclosed cheque / bank draft no. _____ for
RM _____ being payment for
participant(s) made in favour of "FMM Institute"

***Submitted By :**

Name: _____

Designation: _____

Company: _____

Address: _____

Tel : _____

Fax: _____

Email: _____

*** PLEASE DO FILL UP WITH COMPLETE DETAIL**