



Federation of Malaysian Manufacturers (7907-X)
 Attention.: Ms. Sandy (sandy@fmm.org.my)
 Tel.: 03 - 6286 7200 ♦ Fax: 03 - 6274 1266 / 7288

I wish to register for the FMM Lean Study Mission to Japan from Oct 28-Nov 3, 2018:

1. Name: _____

Designation: _____

Email: _____

MyKad Number: _____ HP Number: _____

2. Name: _____

Designation: _____

Email: _____

MyKad Number: _____ HP Number: _____

Payment

Full Payment of RM16,500.00/pax is to be made by **September 7, 2018** via :

- Bank Draft / Cheque
- Bank-in Payment

to: Payee **FEDERATION OF MALAYSIAN MANUFACTURERS**
 Bank **MALAYAN BANKING BERHAD**
 Account No. **5-14208-33076-8**
 SWIFT Code **MBBEMYKL**
 FMM GST Reg. No: **001714290688**

Submitted by:

Name: _____

Designation: _____

Email: _____

Company: _____

Address: _____

Tel.: _____ Fax: _____

FMM Membership No.: _____

GST Registration No.: _____



LEAN STUDY MISSION TO JAPAN

October 28 – November 3, 2018

Overseas Training and Collaboration in Lean Management



Shiga Prefecture



Tokyo



Nagoya

Learning from Toyota Production System (TPS)

TPS strives to optimise quality by constantly improving processes and eliminating unnecessary waste in natural, human and corporate resources. The foundation of TPS is built on standardisation to ensure a safe method of operation and a consistent approach to quality.

Organised by



Federation of Malaysian Manufacturers
(7907-X)

In collaboration with



Malaysia Productivity Corporation

Study Mission to Japan

Japan, is a country like no other in the world. Building economic power through manufacturing, Japan has earned worldwide reputation as the "Lean Specialist". Even though many Lean best practices are found throughout the world, truly serious Lean practitioners still find Japan the only place that showcases Lean implementation as a culture. Lean principles permeate every aspect of daily life in Japan and are not limited to production or engineering environments. People who had visited Japan were fascinated and surprised that even places like restaurants and gas stations utilise Lean principles in innovative ways. It is difficult to truly appreciate the impact of Lean thinking until you have seen and experienced Japan hands-on.

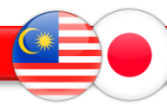


Study Mission Highlights

- ❖ **Visit industries** in the Electrical and Electronics, Furniture, Tools and Automotive sectors
- ❖ **Hands-on Workshop:**
 - Experienced instructors from Toyota Motors Production will give briefings on their knowledge and work with simulation and showcase results achieved.
 - Observe and experience the dynamics of Kaizen in action on the shop floor.
- ❖ **Lean Tools** – Gain insights into the various uses of Lean tools and how these tools can be integrated and adapted to fit organisational needs (Kanban, Kaizen, 5S, Poka-yoke, Visual control, Standardised work, Single piece flow, TPM, etc.)

APPLICATION OF LEAN CONCEPTS FOR MANUFACTURING SECTOR

Lean Concept	Description	Application in Manufacturing Sector
5S	Workplace arrangement	5S assembly line stations to minimise search time
Quick change over	Quick change over from one task to another	Reduction of setup time from one model to another
Flow	Continuous flow of product	Continuous flow of product with minimal interruptions resulting in lower inventory & higher throughput
TAKT-Time	Rate of customer demand	Relocation of workforce based on changes in rate of customer demand
Level Load	Levelling of demand on resources	Manufacturing different product models on one assembly line with mixed models
Pull	Push versus Pull	Use of pull to lower inventory levels & increase throughput
Standardised work	Best current way of doing repeatable task	Developing a standard way of undertaking tasks to facilitate training, dealing with absenteeism and baseline for continuous improvement
TPM	Total preventive maintenance	Reduce the downtime of machines
Visual factory	Visual control in plant	Use of visual signals to make problems obvious



TENTATIVE ITINERARY

Date	Activity	Venue
Oct 28 (Sun)	Arrival at Narita International Airport Transfer to Tokyo by motor coach Welcome lunch & check-in hotel	Tokyo
Oct 29 (Mon)	Seminar on Kaizen in Manufacturing Industry Networking lunch Plant visit 1 – Plastic/Packaging Assembly Manufacturer Transfer to Nagoya by bullet train	Tokyo Nagoya
Oct 30 (Tues)	TPS Workshop Training Session by ex-Toyota trainers <ul style="list-style-type: none"> ▪ Morning - Lecture and hands-on training ▪ Afternoon - Detect waste and Kaizen method 	Nagoya
Oct 31 (Wed)	Plant visit 2 – Toyota Motors (Assembly line & welding) Plant visit 3 – KARIMOKU / HIDA (Wooden furniture)	Nagoya
Nov 1 (Thurs)	Plant visit 4 – Mitsubishi Electric Lunch at KURA Sushi (case study of TPS in food sector) Plant visit 5 – Sanwa Industries (Toyota 2-tier supplier) Transfer to Shiga Prefecture	Nagoya Shiga Pref.
Nov 2 (Fri)	Plant visit 6 – DAIFUKU (Material handling) Debriefing of mission & Certificate Presentation	Shiga Pref.
Nov 3 (Sat)	Transfer to Kansai International Airport Depart to KL	Osaka

*FMM reserves the right to alter the activities in the best interests of the programme.

PARTICIPATION FEE

- Airfare* (include travel insurance & tax) RM 3,000.00
- Accommodations, Administrative Fee
Consultant's Fee**, Meals, Local Transport RM 16,500.00
Total per participant **RM 19,500.00**

* Based on current air fare and is subject to change. Payment is made directly to FMM's appointed travel agent, who would set the cut off date to lock in the airfare.

** Subject to currency fluctuation



HRDF CLAIMABLE UNDER SBL SCHEME = RM 19,500.00**