



FMM Institute

Centre for Professional Development

Senior Management Development Programme

VALUE STREAM MAPPING

July 21 – 22, 2009



In-House Training Available

INTRODUCTION

In many of the lean manufacturing implementation, companies have pushed along waste (muda) elimination activities, either through kaizen blitz, or six sigma projects without taking a big picture view of the entire value stream. These well-intentioned activities do fix one small part of the value stream for each product, and value does flow smoothly over this part of the value stream. However, more often than not, the value flow comes to a halt in the swamp of inventories and detours ahead of the next down stream step. The net result is no cost savings reaching the bottom line, no service or quality improvements to the customer, no benefits for the supplier and limited sustainability of the improvement activities through lean manufacturing. Isolated victories over muda, whilst seem dramatic and successful at first, fail to improve the whole.

Value Stream Map (VSM) will help companies and lean practitioners see the whole picture and coordinate the implementation programme of lean manufacturing. VSM will help participants to visualise and see more than waste, whilst mapping helps to see the sources of waste in the value stream. VSM will become the blueprint for managers and engineers to guide improvement activities, and place priorities and give a perspective on the many improvement programmes within the company.

OBJECTIVES

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

- understand Value Stream Mapping;
- map the current processes;
- brainstorm on value stream improvements by applying lean concepts and map the future state; and
- learn how to use the future map to guide company towards manufacturing excellence.

WHO SHOULD ATTEND

CEOs, Managers and Engineers who lead and manage a lean transformation programme. Managers and Engineers from diverse functional roles would benefit as the value stream impinges upon every functional department within a company.

CONTENTS

Day 1

- The 8 Wastes
- The 5 Dimensions of Lean Manufacturing
- Current State Mapping
 - Material Flow
 - Information Flow
- Concept of Flow
- TAKT – the Customer Heart-Beat
- Concept of Supermarket
- Push vs Pull Concepts

Day 2

- Single Point Scheduling
- What is a Peacemaker Process?
- Paced Withdrawal
- Heijunka
- Future State Mapping
- How to Use Point Kaizen and Kaizen Blitz
- MPAH Strategies
- VSM Planning and Strategy
- The Visibility that VSM provides to Managers

WORKSHOP LEADER



Ir Segaran Narayanan is a Registered Professional Engineer with the Board of Engineers, Malaysia. He has over 17 years of professional industry experience in manufacturing, ranging from product engineering, quality assurance and operations. He has been extensively involved in change initiatives and improvement paradigms, with great emphasis in lean production systems. Currently, he is in a regional role in manufacturing excellence, responsible for lean manufacturing and productivity improvement deployment at a large multinational organisation. Ir Segaran obtained a Bachelor of Science degree with honours in Electrical Engineering from the University of Toledo, Ohio, USA and a Master of Science degree in Production Management from Chalmers University of Technology, Gothenburg, Sweden. He is currently a DBA Research candidature with research topic on lean manufacturing implementation in cross-cultural environments. He is a Committee Member of the Production and Manufacturing Engineering Technical Committee of the Institution of Engineers, Malaysia (IEM) and the Manufacturing Committee of the Electrical and Electronics Association of Malaysia (TEEAM). Ir Segaran has also been trained under the acclaimed Professor Noriaki Kano on Quality Management by TQM in Tokyo, Japan.

ADMINISTRATIVE DETAILS

Dates	:	July 21 – 22, 2009 (Tuesday – Wednesday)
Time	:	8.30 am – 5.30 pm
Venue	:	Concorde Hotel Shah Alam 3, Jalan Tengku Ampuan Zabedah C9/C 40100 Shah Alam Selangor Darul Ehsan
Early Bird Fees *	:	FMM Members – RM 1,500 per participant Non-Members – RM 1,700 per participant International Delegates – USD 480 per participant <i>(Registration and payment received by June 26, 2009)</i>
Fees	:	FMM Members – RM 1,800 per participant Non-Members – RM 2,000 per participant International Delegates – USD 550 per participant <i>(Registration and payment received after June 26, 2009)</i>
Group Discount *	:	Enjoy 10% discount off the regular fees for 3 or more participants from the same organisation and of the same billing source

** Only one scheme applies*

(Fees include course materials, Certificate of Attendance, lunch and refreshments)

Registration is on a first-come-first-served basis. Cheques made in favour of the **FMM Institute** should be forwarded before **June 26, 2009**. Completed registration form, that is faxed, mailed or e-mailed to FMM Institute would be deemed as confirmed.

All cancellations must be made in writing to FMM Institute. There will be no charge for cancellation received 14 or more working days before the start of the programme. Cancellation received 8 – 13 working days before the start of the programme is subject to a cancellation fee of 50% of the course fees. Cancellation received 7 working days and below before the start of the programme is subject to a cancellation fee of 100% of the course fees. If the participant fails to attend the programme, the full course fees are payable. However, replacement can be accepted at no additional cost.

The FMM Institute reserves the right to change the course leader, reschedule or cancel the programmes and all efforts will be taken to inform participants of the changes. Should the event be cancelled or postponed, FMM Institute is not responsible for covering airfare, hotel or other travel costs incurred by the participants.

For further enquiries, please contact:

Ravathi / Hafifah

FMM Institute

Tel: 03-62761211 Fax: 03-62756064/62776712

* Visit us at www.fmm.edu.my

REGISTRATION FORM

VALUE STREAM MAPPING

Tuesday - Wednesday July 21 - 22, 2009 Concorde Hotel Shah Alam

The Senior Manager
FMM Institute
P.O. Box 28 Jinjang, 52000 Kuala Lumpur
Tel: 03-62761211
Fax: 03-62756064/62776712

PSMB Scheme
Please tick (/) accordingly: SBL
 Non-Contributor

Dear Madam,

Please register the following participant(s) for the above programme.
(To be completed in BLOCK LETTERS)

1	Name	Designation	E-mail
	Nationality	IC No.	
<hr/>			
2	Name	Designation	E-mail
	Nationality	IC No.	
<hr/>			

(If space is insufficient, please attach a separate list)

Enclosed cheque/bank draft No. _____ for RM _____

being payment for _____ participant(s) made in favour of the **“FMM Institute”**.

Submitted by:

Name: _____

Designation: _____ E-mail: _____

Company: _____

Address: _____

FMM Membership No.: _____ PSMB Employer Code No.: _____

Tel No.: _____ Fax No.: _____ Date: _____