

# REGISTRATION FORM

## Implementing Preventive Actions Through FMEA Applications

Wednesday – Thursday \* May 23 - 24, 2012 \* FMM Institute Malacca

FMM Institute Malacca  
D3-4, Plaza Jayamuda,  
Jalan Pelanduk Putih,  
75300 Melaka  
(Fax: 06-283 8090)

Please register the following participant(s) for the above programme:

1 Name \_\_\_\_\_ Designation \_\_\_\_\_  
Nationality \_\_\_\_\_ IC No. \_\_\_\_\_  
2 Name \_\_\_\_\_ Designation \_\_\_\_\_  
Nationality \_\_\_\_\_ IC No. \_\_\_\_\_

*(If space is insufficient please attach separate list)*

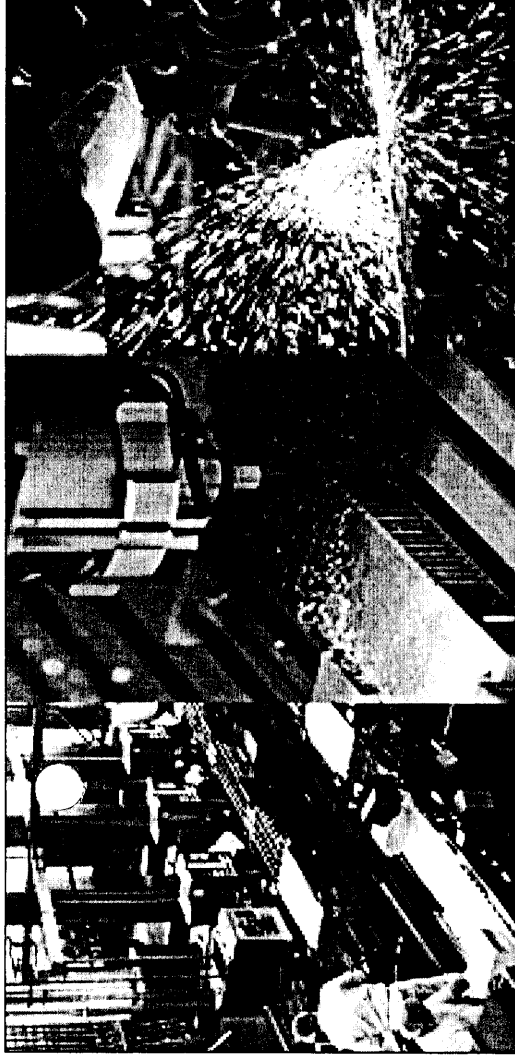
Enclosed cheque/bank draft No \_\_\_\_\_ for RM \_\_\_\_\_  
being payment for \_\_\_\_\_ participant(s) made in favour of the

**“FMM Institute”**

Please Tick (✓) if your company needs an Invoice    YES    NO  
Submitted by \_\_\_\_\_

Name \_\_\_\_\_  
Designation \_\_\_\_\_  
Company \_\_\_\_\_  
Address \_\_\_\_\_

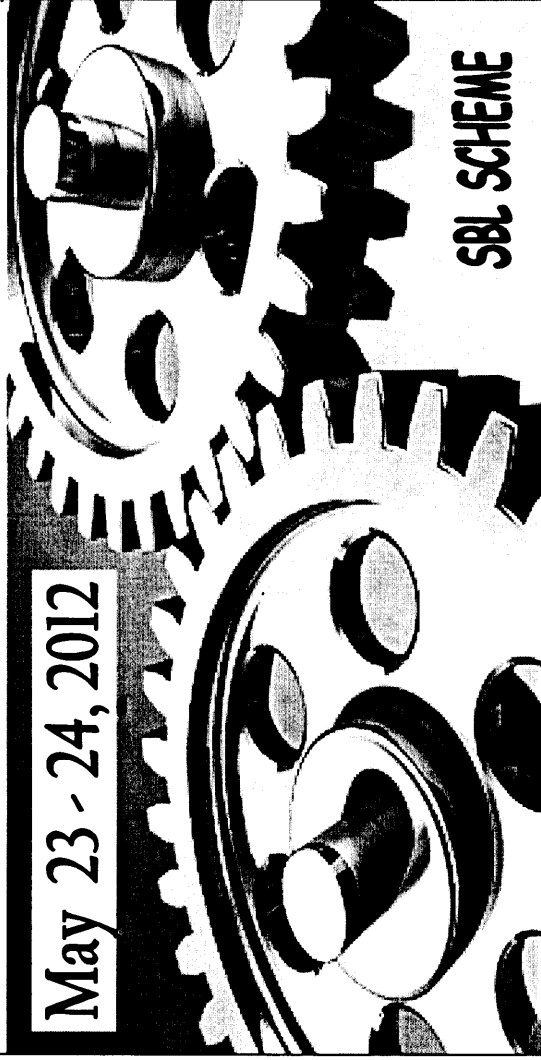
FMM Membership No. \_\_\_\_\_ PSMB MyCodeID No. \_\_\_\_\_  
Telephone \_\_\_\_\_ Fax \_\_\_\_\_ Date \_\_\_\_\_  
E-mail Address \_\_\_\_\_



# Implementing Preventive Actions Through FMEA Applications



May 23 - 24, 2012



SBL SCHEME



FMM Institute Malacca Branch

Centre for Professional Development

**A** Curcial step in anticipating what might go wrong, FMEA is used to identify potential failure modes, determine their effect on the operation of the product, and identify actions to mitigate these failures.

# CONTENTS

## DAY 1

- INTRODUCTION**
  - Purpose
  - Contents Overview
  - Why Conduct FMEA
  - Quality as Today
  - Benefits of FMEA
  - The FMEA 10 Steps
- LEGAL APPROACH TO LIABILITY**
  - Responsibility for Safe Products
  - Product Liability
  - Types of Defects
- LANGUAGE OF FMEA**
  - Vocabulary in FMEA
  - Function
  - Failure Modes
  - Effects of Failures
  - Causes of Failures
  - Case Study
- FMEA TEAM MECHANICS**
  - Teams and Expectations
  - Team formation and Consensus
  - Planning the FMEA Team Meeting
  - Managing Team Meeting
- WRAP-UP SESSION**

## DAY 2

- DAY 1 REVIEW**
- TOOLS USED IN FMEA**
  - FMEA Stages
  - Typical Tools and Applications
  - Forecasting Rules
- FMEA STEP-BY-STEP APPROACH – PRACTICAL STUDY**
  - The FMEA Form
  - Setting the FMEA Ranking Systems
  - Identifying Process
  - Defining the Scope of FMEA
  - Identifying the Potential Failure Mode
  - Understanding the Effects of Failures
  - Defining the Critical Characteristics
  - Identifying the Potential Cause(s) of Failure
  - Understanding the Detection / Preventive Methods
  - Prioritizing the Risk
  - Actions and Cost-Benefits Analysis
  - Revising the FMEA
  - Case Study & Team Presentation
- WRAP-UP AND QUESTION & ANSWER SESSION**
  - Question & answer Session
  - Summary
  - Course Evaluation
  - Recommendation for Action

## Benefits

Upon completion of the course, participants will be able to:

- Understand the purpose & scope of FMEA and the legal approach to liability
- Identify the types of FMEA & their applications
- Describe the rating scale of FMEA rating
- Develop severity, occurrence & detection rating tables
- Anticipate failures systematically by using FMEA
- Identify the quality tools for FMEA, and prepare cost-benefits analysis for effective preventive actions

## Trainer

**MR LIM KIM YOOK** has considerable experience in all areas of design, preparation, administration and delivery of soft and hard skills training in particular KAIZEN, Quality Control Circle, QC 7 Tools & New QC Tools, Automotive 5-Core Tools (PPAP, APQP, SPC, FMEA & MSA), Poka-Yoke, Supervisory Skills, 5S Implementation and Auditing. Graduated in Mechanical & Electrical Engineering, subsequently in Electronics Engineering, Mr Lim has more than 13 years of vast experience in manufacturing field such as Electronics, Semi-Conductor & Automotive. Throughout his career, he has diversified himself into various departments such as Quality Assurance / Quality Control, Production and Engineering; holding the managerial position for 6 years in QA & Engineering departments. Certified ISO 9001, ISO 14001, ISO 9001 supplemented with ISO/TS 16949 Lead Assessor and ISO 13485: 2003 Internal Quality Auditor, he is also a Quality Management Consultant and a Certified Corporate Coach. His expertise in quality management systems, i.e. ISO 9001, ISO 14001, OHSAS 18001, ISO 13485, US FDA QSR 21 CFR820 & ISO/TS 16949 makes him a much sought-after trainer.

## Who Should Attend

QA Managers, Production Dev. Managers, Internal QMS Auditors, NPI Engineers, Cross Functional Team Members

## Administrative Details

**Date** : May 23 – 24, 2012 (Wed-Thu)

**Time** : 9.00am - 5.00pm

**Venue** : **FMM Institute Malacca**

D3-4, Plaza Jayamuda  
Jalan Pelanduk Putih  
75300 Melaka

### Fees:

FMM Members **RM650** per participant

Others **RM750** per participant

(Fees include course materials, lunch and refreshments.)

Completed registration forms with cheques made in favour of the **FMM Institute** should be forwarded to FMM Institute Malacca Branch before **May 14, 2012**.

There will be no refund for cancellation within 2 working days of the programme, 50% refund for cancellation between 3-6 working days and full refund for cancellation 7 working days prior to the programme. However, replacement will be accepted at no additional cost. **CANCELLATION MUST BE CONFIRMED IN WRITING TO FMM INSTITUTE MALACCA BRANCH**. FMM Institute Malacca Branch reserves the right to cancel or reschedule the above programme and all efforts will be taken to inform participants of the changes.

For enquiries, please contact:

Ms Low Lai Ching / Ms Yvonne Gan

**FMM Institute Malacca Branch**

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## SBL Scheme

**100% Reimbursement from HRDF can be applied PRIOR to commencement of the programme**