



Administrative Details

Date	: 17 – 18 August 2022 (Wed-Thu)
Time	: Day 1 (9:00 am – 1:00 pm) On-line class with all participants Day 1 (2:00 pm – 5:00 pm) On-line individual coaching 30 min per person Day 2 (9:00 am – 1:00 pm) On-line calss with all participants Day 2 (2:00 pm – 5:00 pm) On-line individual coaching 30 min per person
Platform	: ZOOM
Fees	: RM 1,007.00 (FMM Member) RM 1,113.00 (Non member) <i>The fee inclusive Service Tax at 6%</i>
Contact Persons & Email	: Ms. Sabrina (sabrina@fmm.org.my) Pn. Astri (astri@fmm.org.my) En. Omar (omar@fmm.org.my) Ms. Jessica (jessica@fmm.org.my)
Closing Date	: 3 August 2022
SBL-Khas code no.	: 10001179772
Training Provider	: FMM Institute Johor MYCOID: 475427W_JOHOR

Quality Excellent through PFMEA (IATF – VGA)

FMEA is one of the key components of TQM and an integral part of International Quality Management Systems such as ISO9001 and TS16949. This training focuses on Process Failure Mode and Effects Analysis (PFMEA). PFMEA allows the organisations to tap into its organizational knowledge in order of predict and prevent potential problems in the design of a product, in its manufacturing process or machinery/equipment used in order to achieve high quality right from the start. In short, proper implementation of PFMEA removes the steep (and costly) part of the learning curve in any process.

This training provides a thorough understanding of the FMEA concepts and implementation steps. The trainees will be able to identify correct and incorrect implementation of PFMEA and suggest improvements in PFMEA implementation.

OBJECTIVES

The trainees will be able to

- Explain purpose of FMEA
- Explain the meaning of DFMEA, PFMEA, MFMEA & MSRFMEA and their relationship
- List and explain the 7 steps in PFMEA
- Complete a PFMEA for a given process
- Review and critique a completed PFMEA

Methodology: Lecture, video, practical exercise (process simulation), Case-study and group discussion



Kindly note the following:

- * Total **16 hours** training including time break.
- * Kindly **download ZOOM apps** on your own laptop/desktop/ mobile phone before the training
- * To log in with own laptop/ desktop - **15 min before** class & enable FMM to keep track the participants attendance records for PSMB audit purposes
- * Stay **FOCUS** & away from distraction
- * **Username and Password** would be provided upon confirmation of the training

COURSE CONTENTS

Overview of FMEA

- * What is FMEA?
- * Historical background of FMEA.
- * FMEA implementation by Industry
- * Benefits of FMEA
- * What is not FMEA?

Types of FMEA

- * DFMEA (Design), PFMEA (Process), MFMEA (Machinery)
- * System, Sub-system and component level FMEAs
- * PFMEA integration with Quality Planning
- * PFMEA and Problem Solving (Trouble shooting)

FMEA Team & Project Selection

- * Importance of team in PFMEA
- * Suggested team selection
- * PFMEA project boundaries

PFMEA steps

1. Planning: Scope, team, time line etc
2. Structure analysis: System to specific component
3. Function analysis: Identify functions, requirements & specification
4. Failure analysis: Identify potential failure modes, effects and causes
5. Risk analysis: Identify current controls, determine Severity, Occurrence, Detection and AP (Action Priority) rating
6. Optimization: Recommend actions (prevention and detection), implementation
7. Verify results: Severity, Occurrence, Detection and AP after optimization

Exercise: Complete an FMEA report for a process step (Simulated process)

- * Signs of robust PFMEA implementation
- * Signs of poor PFMEA
- * Exercise 2: Review and critique a given FMEA



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Online Training

WHO SHOULD ATTEND

Manufacturing, Quality, Engineering, R&D and Supplier Quality professionals.

Methodology: Lecture, video, practical exercise (process simulation), Case-study and group discussion

FACILITATOR - En. Muhsin Ahamed has been in the manufacturing industry for over 10 years, working his way up from Production Supervisor to Manufacturing Section Head to Human Resource Development Manager. He has in-depth hands-on experience in various areas of manufacturing such as production, scheduling, planning and testing. In addition, his manufacturing experience also includes the set-up of new production lines. He has spearheaded implementation of many modern manufacturing systems such as 5S, SPC, Lean Production System, Cycle time reduction, ISO9001 implementation and QCC implementation. A degree holder with a Bachelor of Science in Chemistry, Encik Muhsin also holds several diplomas and certificates in Management, Electronics Engineering, Computer Programming and Technology Based Training. As a Human Resource Development Manager, he has designed, developed and implemented various training programs in Management, Supervisory, Quality Control and Manufacturing Technology.

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Date : **17 – 18 August 2022 (Wed-Thu)**
Time : **9.00am-1.00pm** On-line calss with all participants
: **2.00pm-5.00pm** On-line individual coaching 30 min per person

Venue : **Remote Online Training**

Platform: **Zoom**

SBL-Khas Code No : **10001179772**

Fees

FMM Member : **RM 1,007.00** (FMM Member)
(Inclusive of 6% Service Tax)

Others : **RM 1,113.00** (Others)
(Inclusive of 6% Service Tax)

(Fees include Certificate of Attendance)

Medium of Instruction : English/ Malay

Closing Date : **3 August 2022**

Training fees or cheques made in favour of the “**FMM Institute**” should be forwarded a week before the commencement of each programme.

- There will be no refund for cancellation within 2 days prior to the programme.
- 50% refund for cancellation between 3 – 6 days.
- Full refund for cancellation 7 days prior to the programmed. However replacement can be accepted at no additional cost Cancellation must be in writing.
- The FMM reserves the right to cancel or reschedule the above programme and 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.

For further enquiries, please contact

FMM Institute Johor Branch

Ms. Sabrina / Pn. Astri / En. Omar / Ms. Jessica

Tel: 07-357 7613 / Fax: 07-357 7618

Email : sabrina@fmm.org.my / astri@fmm.org.my / omar@fmm.org.my / jessica@fmm.org.my

REGISTRATION FORM

Dear Sir,
Please register the following participant(s) for the above programme

1 *Name : _____
Designation : _____
*Email : _____
2 *Name : _____
Designation : _____
*Email : _____

** Required information*

Submitted by:

Name : _____
Designation : _____
Company : _____
Address : _____
: _____
: _____

Tel & Fax No. : (T) _____ (F) _____

Email : _____

Please tick (✓) accordingly:

We will be claim under **SBL-Khas Scheme** and full payment would be made to FMM Institute in the event that no disbursement from HRDF under any circumstances

We will **NOT BE CLAIMING** Under **SBL-Khas Scheme**.

Enclosed cheque No. _____ for RM _____ being payment for _____ participant(s) made in favour of the “**FMM Institute**” should be forwarded to the Secretariat **before 17 August 2022**.