



FMM INSTITUTE

(C10626805080/ 199901000527/ 475427-W)

Centre for Professional Development



EFFECTIVE 8D PROBLEM SOLVING REPORTING

Industry becomes more challenging every day. As soon as one problem is solved, new problems crop-up. Even worse, old problems recur leaving operations personnel constantly in the fire-fighting mode, barely able to meet their goals and targets. What is needed is a systematic problem solving methodology using modern data collection and analytical tools so that problems are solved effectively, efficiently and permanently. This hands-on training is designed to give participants knowledge and skills to implement the 8D (8 Discipline) Systematic Problem Solving methodology

WHO SHOULD ATTEND

All Operations, QA-QC, Logistics, Maintenance and Engineering Personnel who need to solve problems on a day to day basis. Especially suited for middle level managers and shop floor personnel.

All cancellations must be made in writing. There will be no charge for cancellation received 14 or more working days before the start of the programme. Cancellation received 7-13 working days before the start of the programme is subjected to a cancellation fee of 50% of the course fees. Cancellation received 6 working days and below before the start of the programme is subjected to 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.

ADMINISTRATIVE DETAILS

Date : **October 14 - 15, 2026**
(Wednesday-Thursday)

Time : **2 Days (9:00 am - 5:00 pm)**

Venue : **FMM Institute, Johor Branch**
No. 1 & 3, Jalan Kencana Mas 1/1,
Tebrau Business Park III,
81100 Johor Bahru, Johor

Fees : **RM 1,215.00 (FMM Member)**
RM 1,350.00 (Non member)
The fee inclusive Service Tax at 8%
(SST No: W10-1901-32000105)

Closing Date : **September 30, 2026**
(Wednesday)

Training Provider : **FMM Institute Johor**
MYCOID: 475427W_JOHOR



COURSE CONTENTS

Overview of Systematic Problem Solving

- Examples of Problem Solving
- Containment, Correction. Corrective and Preventive actions
- Checking, verification and validation
- Basic approaches: PCDA, RCA, CAR, 8D

8D approach/report

- History of 8D methodology
- What are the 8D?
- 8D report format
- Advantages of 8D approach
- Practical 1: Review and improve sample 8D report

8D and Root Cause Analysis tools

Tool 1:

- Pareto Chart
- Purpose and use
- How to develop Pareto Chart
- First and second level analysis
- Practical 2: Pareto

Tool 2

- 4W-2H & 5W-2H analysis
- Purpose and use
- Practical 3: 4W-2H report

Tool 3

- Why-why analysis (5-Why analysis)
- Purpose and use
- How to perform why-why? Analysis
- Practical 4: Why-why analysis

Tool 4

- Fishbone chart
- Purpose and benefits
- How to develop Fishbone chart
- Practical 5: Fishbone chart

Systematic problem solving and data analysis tools

- Tools matrix
- Which tools to use?
- Tools for verification & Validation
- How to incorporate tools into 8D report
- Tying it all together

Systematic problem solving using 8D

D 0: Plan

D 1: Form team

D 2: Problem definition

D 3: Containment action

D 4: Identify and verify root cause (s)

D 5: Identify and verify corrective actions

D 6: Implement Corrective action and validate

D 7: Preventive actions & Standardisation

D 8: Recognition and Celebration

Practical 6: Prepare an 8D report

Review session

- Q&A session
- Knowledge quiz

FACILITATOR

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.

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**EFFECTIVE 8D PROBLEM SOLVING REPORTING****OCTOBER 14 - 15 , 2026 | VENUE: FMM INSTITUTE, JOHOR BRANCH**

FMM Institute (475427-W)

Puan Sabrina / Pn. Astri / Pn. Ain**Email : sabrina@fmm.org.my / astri@fmm.org.my****/ nur_ain@fmm.org.my****Tel: 07-357 7613 / 14 / 15 / 16 Fax: 07-357 7618****Please tick accordingly:**

Fees: ☐ **FMM Member: RM 1,215.00/pax**
(inclusive of 8% Service Tax (SST No: W10-1901-32000105))

☐ **Non Member: RM 1,350.00/pax**
(inclusive of 8% Service Tax (SST No: W10-1901-32000105))

Dear Sir/Madam,

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

(To be completed in BLOCK LETTERS)

1.Name:	IC No:	Nationality:
.....		
Designation:	Email:	Mobile No.:
.....		
2.Name:	IC No:	Nationality:
.....		
Designation:	Email:	Mobile No.:
.....		

*(if space is insufficient, please attach a separate list)***Disclaimer**

Registration is on a first-come first-served basis. All cancellations must be made in writing. There will be no charge for cancellation received 7 or more working days before the start of the webinar. **Cancellation received 5 working days** before the start of the webinar is **subject to a cancellation fee of 50%** of the webinar fees. **Cancellation received 3 working days and below** before the start of the webinar is **subject to a cancellation fee of 100%** of the webinar fees. **If the participant fails to attend the programme, the full webinar fees are payable.** However, replacement can be accepted at no additional cost. The FMM Institute reserves the right to change the speaker, reschedule or cancel the webinar and all efforts will be taken to inform participants of the changes.

We hereby confirmed that (please tick accordingly):

☐ We will be claiming under **HRD CORP CLAIMABLE COURSES** and full payment would made to FMM Institute in the event that no disbursement from HRD Corp under any circumstances.

☐ I (self-sponsor) / We will **NOT BE CLAIMING** under **HRD CORP CLAIMABLE**. Payment will be made to the account payee **FMM Institute** by cheque or bank transfer to **Maybank Account No. 501280056601**.

Tin No. : C10626805080**BRO No. : 475427-W****SST No. : W10-1901-32000105****Submitted by:**

Name: **Email:**

Designation: **Tel No:** **Moblie No:**

Company: **Address:**

Tin No. : (Company Tax Number) **Business Registration No. (New/Old)** **SST No (If Applicable):**

Company Stamp & Signature: **Date:**