



IMPROVED PERFORMANCE THROUGH AUTONOMOUS MAINTENANCE AND OVERALL EQUIPMENT EFFECTIVENESS

February 4-5, 2026 (Wednesday-Thursday)
8.45am – 5.00pm **FMM Institute, Perak**

This training is designed to ensure participants have a good understanding on Total Productive Maintenance, Autonomous Maintenance and Overall Equipment Effectiveness. To ensure Establishing Total Productive Maintenance implementation plan complete with planned Maintenance Activities.

COURSE CONTENTS

- Origin and Development of TPM.
- Definition of TPM.
- The Spread of TPM.
- The 6 Big Losses.
- Keys to successful TPM.
- Who makes TPM activities happen.
- What is Autonomous Maintenance.
- Role of Maintenance and Engineering personnel.
- Role of Technicians and Operators.
- Overview of Seven Steps of Autonomous Maintenance.
- Basic Tools.
- Equipment Maintenance activities.
- Planning for Implementation.
- Related skills for operators and maintenance technician skills.
- Training Plan.
- Overcoming barriers to successful implementation.
- A step-by-step approach to carrying out Autonomous Maintenance activities.
- Planning for Implementation.
- Standardization of Maintenance Activities.
- Maintenance Planning.
- Keeping and Using Maintenance Records.
- The Need for Predictive Maintenance.
- Application and Aims of Predictive Maintenance.
- Strong Maintenance Skills.
- Maintenance Training for Operators and Maintenance Personnel.
- Responsibilities of Operators and Maintenance Personnel.



OBJECTIVES

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

- Stabilize shop floor conditions and reduce sudden equipment breakdowns.
- Promote cooperation between Maintenance and Production departments.
- Help to standardize routine maintenance and inspection.
- Reduce equipment failures errors through greater emphasis on visual management.
- Enhance operator knowledge in the structure of the equipment.
- Increase equipment capacity to produce more.
- Understanding the concept of Autonomous Maintenance as part of Total Productive Maintenance.

WHO SHOULD ATTEND

Maintenance Managers, Engineers, Supervisors, Technicians and Maintenance & Production Personnel involved in the planning and executing maintenance activities.

TRAINER

Ts. BALASUBRAMANIAM A/L SANYASI is an experienced Instructor with more than 40 years' experience in the Industry. He has been working in the Electrical, Facilities & Maintenance field for more than 40 years and has vast knowledge in this area. He holds an Executive Diploma in Facilities and Building Maintenance Management from Universiti Teknologi Malaysia, an Executive Masters in Facilities & Building Maintenance Management from Open University Malaysia and a Diploma in Electrical Engineering from Butterworth Institute of Technology. Ts. Balasubramaniam who is a competent Chargeman, is currently holding "Penjaga Jentera Elektrik Voltan Tinggi" Sekatan BO 33kV registered with Suruhanjaya Tenaga, a registered Asean Engineering Technologist, a Professional Technologist in Electrical & Electronics Technology with Malaysia Board of Technologist and also a Qualified Technician in Building & Construction Technology registered with Malaysia Board of Technologist. He is a registered trainer with PSMB.

Ts. BALASUBRAMANIAM had been a Chargeman AO Trainer since 2000 and a Technical Trainer since 2008 having conducted numerous trainings such as Trouble Shooting Skills, Electrical Maintenance, Preventive Maintenance, Facilities Systems. He is also conducting "Executive Diploma in Facilities & Building Maintenance Management" for University Teknologi Malaysia. He is the Secretary of Technological Association of Malaysia, Penang Branch. He has worked with various Multinationals namely Hitachi Metals Electronics Perai, Advanced Disk Technology/Hoya Electronics Kulim, Johnson Controls Malaysia Sdn. Bhd., Boral Plasterboard (Lafarge) Malaysia Sdn. Bhd., Sony Electronics Perai, Honeywell Aerospace & Avionics Malaysia and Lam Research International.

Closing Date: JANUARY 28, 2026

COURSE DETAILS

Date **February 4-5, 2026 (Wednesday-Thursday)**
Time **8.45am – 5.00pm**
Venue **FMM Institute Perak**
No 1, Lorong Raja DiHilir, 30350 Ipoh, Perak
Medium of Instruction **English**
CPD **14 hours**
Fees **Members RM1,134.00/pax**
 Non-Members RM1,296.00/pax
(Fees inclusive of Service Tax at 8%, Course Materials, Refreshment, Lunch and Certificate of Attendance)

ADMINISTRATIVE DETAILS

HRD CORP CLAIMABLE COURSE DETAILS

- Training Provider: **FMM Institute Perak** ■ MyCoID : **475427W_PERAK**
- HRD Corp Programme No: **Provided upon confirmation**

DISCLAIMER

The FMM Institute reserves the right to change the facilitator, date and to vary / cancel the course should unavoidable circumstances arise. All efforts will be taken to inform participants of the changes.

REGISTRATION

- Upon **Faxing/Mailing** the completed **Registration Form** to FMM Institute, you are **deemed** to have read and **accepted** the terms and conditions. The **course** would also be **deemed** as **confirmed** unless informed otherwise.
- Will be based on First-Come-First served basis.

PAYMENT

- Cheques** made in favour of "FMM Institute" should be forwarded to FMM Institute Perak.
- For **HRD Corp Claimable Course**, an **Attendance of 100% is a must**, in any case, **employers will be billed in full**.
- FMM Institute SST Registration No. **W10-1901-32000105**
- FMM Institute TIN No. **C10626805080**

CANCELLATION

- Must be in Writing with Reasons ■ 7 days before the course – No payment charged ■ 3 – 6 days before the course - 50% payment charged ■ < 3 days before the course – Full payment charged ■ Participants who did not turn-up will be charged full payment ■ Replacements can be accepted at no additional cost

~ Registration Form ~

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FMM Institute

No 1, Lorong Raja DiHilir, 30350 Ipoh, Perak

Fax: 05-5488221

Dear Sir / Madam, please register the following participant(s) for the above programme.

1.	Name	Designation	
	NRIC	HP No	
2.	Name	Designation	
	NRIC	HP No	
3.	Name	Designation	
	NRIC	HP No	
		Email	

(Please attach a separate list if space is insufficient)

We hereby confirmed that *(Please tick (✓) in appropriate box):-*

- We **will be claiming from HRD Corp** and full payment would made to FMM Institute in the event that no disbursement from HRD Corp under any circumstances
- We will **NOT BE CLAIMING from HRD Corp**. Enclosed cheque/bank draft No _____ for RM _____ being payment for _____ participant(s) made in favour of the "FMM Institute".

Submitted by:

Name:	Designation:		
Company:	Tel:	Fax:	
Address:			
Email:	FMM Membership No		