# 7 Steps of Highly Effective Autonomous Maintenance

## Introduction

Autonomous Maintenance (AM) is one of the eight pillars could be implemented to ensure the success of TPM. The objectives of AM is to develop knowledgeable production operators who will be able to take care of small maintenance tasks, thus freeing up the skilled maintenance personnel to spend time on more value added activity and technical repairs. The operators are responsible for upkeep of their equipment to prevent it from deteriorating. Ultimately AM is aimed at improving machine condition hence achieving zero breakdown, zero defects and zero accident.

## Contents

1) Introduction to Autonomous Maintenance  
2) Teamwork for Autonomous Maintenance  
3) Initial Cleaning and Inspection  
4) Eliminating Sources of Contamination and Inaccessible Areas  
5) Lubrication and Establishing Provisional Standards  
6) Training and Conducting General Inspection  
7) Improving Workplace Management and Control  
8) Striving Onwards with Advanced Improvement Activities

## Objectives

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

- Understanding the framework and concept in implementing an effective Autonomous Maintenance  
- Focusing on team and support efforts for Autonomous Maintenance effectiveness  
- Developing a provisional standard for routine cleaning and inspection  
- Eliminating sources of contamination and inaccessible areas  
- Determining lubrication procedures, performing lubrication and documenting the procedures in a provisional standard  
- Conducting training and general inspection  
- Improving workplace management and control

---

**Trainer**

Mr. Lim Kim Yook an author of a book on 5S, has more than 15 years of working experience in Quality, Engineering and Production areas. Majoring in Mechanical and Electrical Engineering, he has training experience in the field of ISO 9001, Quality, Environmental Management System, QS9000, ISO/TS16949, Safety & Health Management System, 5S, 7 QC Tools, FMEA, SPC and Supervisory Skills. With more than 6 years of experience at the Managerial level, he had lead companies such as Meisei Electric, Taiyo Technology and Precico in achieving ISO 9000 and ISO/TS 16949 QMS. Mr Lim who has worked as an Engineering Manager at Armstrong Cycle Parts, had developed automotive control cables for Proton, Perodua and Honda cars such as Waja, Kelisa, Kenari, Kembara and Civic. He had set-up the Reliability Test Section and designed the Speedometer Cable and Gear Shift Endurance Tester for Armstrong Cycle Parts. In addition, with his wide experience in semiconductor, electronics, automotive and constructions industries, Mr. Lim is an active Trainer and Analyst in the areas of ISO 9001, ISO 14001, QS 9000, ISO/TS 16949 and OHSAS 18001.

**Organised by:**

**FMM Institute**  
Sabah Representative Office  
No. 143, 1st Floor, Block Q  
Alamesra Plaza Permai  
Sulaman Costal Highway  
88400 Kota Kinabalu, Sabah
**Who Should Attend**

Managers, Executives, Officers, Engineers, Supervisors, Line Leaders and Technicians.

**Administrative Details**

**Registration:**
- Completed registration form received by fax or mail to FMM Institute would be deemed as confirmed.

**Payment:**
- Cheques made in favour of **FMM Institute** should be forwarded to the FMM Sabah Representative Office.

**Closing Date:**

**Cancellation and Refunds:**
- Must be in writing with reasons
- 7 days before the course - 100% refund
- 3-6 days before the course - 50% refund
- < 3 days before the course - No refund
- Replacement can be accepted at no additional cost.

Those who register but fail to turn up for the programme will be billed accordingly. FMM Institute reserves the right to change the facilitator, cancel or reschedule the above course and all efforts will be taken to inform participants of the changes.

**In-House/In-Plant Training Available**

**7 Steps of Highly Effective Autonomous Maintenance Training**

March 9-10, 2015 & May 18-19, 2015

- **Registration Form** -

Dear Madam,

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

1. **Name:** ____________________________  
   **Designation:** ____________________________  
   **Nationality:** ____________________________  
   **I/C No:** ____________________________

2. **Name:** ____________________________  
   **Designation:** ____________________________  
   **Nationality:** ____________________________  
   **I/C No:** ____________________________

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

**Submitted by:**

- **Name:** ____________________________  
- **Designation:** ____________________________  
- **Company:** ____________________________  
- **Address:** ____________________________

**Tel:** 088-447 580  **Fax:** 088-447 570

E-mail: fmmsabah@fmm.org.my / nelly@fmm.org.my

**GST**

6% GST is to be added to the fees for programme commencing on or after April 1, 2015.

For further enquiries, please contact: Nelly/Florisa

**Date:** March 9-10, 2015 (Mon & Tue)  
May 18-19, 2015 (Mon & Tue)

**Time:** 8.30am – 4.30pm

**Venue:** FMM Sabah Rep Office  
Lot 143, 1st Floor, Block Q  
Alamesra Plaza Permai 1  
Sulaman Coastal highway  
88400 Kota Kinabalu

**Fees:**

- **RM650.00 per pax** (FMM member)  
- **RM880.00 per pax** (Others)

(Fees include course materials, Certificate of Attendance and meals)