



## **SEMINAR TITLE : TOTAL PRODUCTIVE MAINTENANCE - JIPM Approach**

**Reasons why you need to attend this course, learn . . . .**

***NO OTHER COURSE AVAILABLE CAN GIVE YOU THIS WEALTH OF INFORMATION***

- The history of TPM and where did it originate ?
- What TPM can achieve to your company if done correctly ?
- The role TPM Office will play in its implementation
- The goals of each TPM pillar
- TPM's 12 Developmental Steps and why they should be implemented in sequence
- What are the major strengths of RCM & TPM respectively ?
- What TPM pillars will bring the most impact and why ?
- Role of Planned Maintenance in Autonomous Maintenance activities
- Common pitfalls in implementing TPM and save time in your TPM implementation by reversing them ?
- What TPM is not ?
- Strength of RCM and TPM respectively.
- What are the major reasons why many companies fail in their TPM ?
- How to make TPM a focal strategy for continuous improvement ?
- Requirements for attaining TPM Excellence Awards from JIPM
- Sample actual case study on TPM's Planned Maintenance
- How to prepare for the JIPM -TPM Excellence Awards ?
- My personal experiences with JIPM consultants and what they are looking for in your TPM implementation





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### **Brief Course Overview**

- In today's manufacturing industries, more and more companies are seeking ways to improve their plant's performance through the application of continuous improvement tools such as TPM. Although it originated from Japan, TPM is not culture bound but rather its principles can be applied to any culture as long as the people accept TPM as a way of life
- TPM improves the manufacturing process through utilization of employee involvement, empowerment and closed loop measurement of results
- Learn and apply the Basic Principles of TPM and the correct way of implementation as patterned from Japan Institute of Plant Maintenance (JIPM)

### **Who Should Attend**

- These course is best suited for the following people in charge of implementing TPM and continuous improvement in their plant
  - TPM Manager, facilitators,
  - TPM Office Staff
  - Reliability Managers, engineers
  - Continuous Improvement Manager
  - Maintenance Engineers and Managers
  - Facilities Engineers and Managers
  - Quality Control group
  - Production Supervisors and Managers
  - Technical Training Engineers

illuminate

the possibilities...

with

**Total Productive Maintenance**

### **Course Objective**

**At the end of the seminar participants will be able to . . . . .**

- Provide a clear picture on Total Productive Maintenance (TPM) & how to implement it successfully
- Know the pitfalls of TPM and why many have failed in their implementation and most importantly learn from them
- Decide if TPM is right for your plant to implement
- Understand the different ways of measuring OEE in your equipment



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### Program Proper

#### DAY 1

- 0745 - 0815 - Coffee and Registration
- 0815 - 0830 - Welcome and Introduction of resource speaker
- 0830 - 0900 - Take Pre Test on TPM IQ Quiz
- 0900 - 1000 - **Module 1 : TPM Introduction**
  - Lessons learn from Japan
  - Kaizen and Innovation
- 1000 - 1015 **Morning Break / Meals**
- 1015 - 1200 - **Module 2 : TPM Basic Concept**
  - History of TPM
  - TPM and RCM Strengths
- 1200 - 1300 - **Lunch**
- 1300 - 1500 - **Module 3 : TPM 12 Developmental Steps**
  - TPM Preparatory Stage
  - TPM Pillars
- 1500 - 1515 - **Afternoon Break / Meal**
- 1515 - 1600 - Take TPM Exercises
- 1600 - 1700 - **Module 4 : TPM Pitfalls**
- 1700 - End of Day 1

#### DAY 2

- 0745 - 0815 - Coffee
- 0815 - 1000 - **Module 5 : Implementing TPM**
  - TPM Fastrack - 3 years
  - **Bonus Module: Visual Control**
- 1000 - 1015 - **Morning Break / Meals**
- 1015 - 1200 - Continuation of Visual Control
- 1200 - 1300 - **Lunch**
- 1300 - 1430 - **Module 6 : Major Equipment Losses**
- 1430 - 1500 - Exercises on Equipment Losses
- 1500 - 1515 - **Afternoon Break / Meal**
- 1515 - 1700 - Perform Workshop on TPM
- 1700 - End of Day 2

#### DAY 3

- 0745 - 0815 - Coffee
- 0815 - 0900 - **Module 7 : Understanding OEE**
  - Understanding Availability
  - Performance Rate & Quality Rate
- 0900 - 1000 - Workshop on OEE
- 1000 - 1015 - **Morning Break / Meals**
- 1015 - 1200 - Continue workshop on OEE
  - Present Answer on OEE
- 1200 - 1300 - **Lunch**
- 1300 - 1400 - **Module 8 : JIPM Certification**
  - Criteria for JIPM Awards
- 1400 - 1500 - **Bonus : Sample Case Study of TPM Success**
- 1500 - 1515 - **Afternoon Break / Meal**
- 1515 - 1630 - **TPM Workshop**
  - **TPM Lessons**
- 1630 - 1700 - Take Post Test on TPM
  - **Awarding of Certificates**
  - **Summary and Closing**
  - **Final Quote on TPM**
- 1700 - End of Seminar

