

# Total Productive Maintenance



March 16, 17 to 18, 2011, El Cielito Inn, Sta. Rosa, Laguna, Phils.,



## Seminar Package Includes:

- Morning / Afternoon meals and Lunch
- Complete Handouts on the course
- Selected Articles on TPM
- Exercises and Handouts on TPM
- Actual Case Study on TPM
- CD Copy of TPM Training
- Certificate of completion

## Who Should Attend:

- Management and Decision Makers
- Continuous Improvement Group
- TPM Office Staff, TPM Facilitators
- TPM Manager
- Production Managers
- Maintenance Managers
- Facilities Managers
- Preventive Maintenance Group
- Reliability Engineers and Managers
- Technical Training Group
- People in charge of their assets

## Reasons why you need to attend:

- **LEARN** what TPM can achieve to your company if done correctly ?
- **UNDERSTAND** the role TPM Office will play in its implementation on the goals of each TPM pillar
- **KNOW** TPM's 12 Developmental Steps and why they should be implemented in sequence
- **UNDERSTAND** TPM and RCM which is the best lb for lb improvement methodology? Do they contradict each other or complement one another and what are their strenghts ?
- **LEARN** what TPM pillars will bring the most impact to the equipment and why?
- **LEARN** why Planned Maintenance should be the strongest TPM Pillar and the role it will play with the Autonomous Maintenance activities
- **UNDERSTAND** the common pitfalls in implementing TPM and tips on TPM and how to implement TPM right the first time around
- **KNOW** what TPM can and cannot do?
- **LEARN** major reasons why many companies fail • in their TPM implementation?
- **LEARN** why management support is not enough to drive TPM Activities?
- **LEARN** what are the requirements for achieving TPM Excellence Awards from JIPM?
- **PERSONAL** experiences with JIPM Consultants and what they are looking in TPM implementation

**AND MUCH MORE . . .**

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## TPM Course Objective:

- Provide a clear structure on what Total Productive Maintenance (TPM) is and how to implement it successfully right the first time around
- 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 the goals each pillar will achieve in their TPM implementation.

## TPM 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 the 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).
- This course is about understanding what it takes for an industry to achieve World Class Structure by understanding the process of TPM and what TPM can do with the bottomline if correctly applied to the workplace.

## About the Resource Speaker

**Rolly**, is a seasoned international reliability and maintenance consultant with 23 yrs of solid experience in the field. He had been invited in different countries and have conducted reliability and maintenance trainings in United Arab Emirates, India, Kuala Lumpur, Indonesia, Nigeria and Bangladesh. His portfolio of maintenance trainings include Maintenance Management courses on TPM, Lubrication, Tribology, Condition-Based Maintenance, RCM, RCFA, Planned Maintenance, World Class Maintenance Management, The Twelve Disciplines, Oil Contamination Control, Maintenance Indices and KPI's, Maintenance Management System and much more. Rolly previously worked with Amkor Technology Phils., as a TPM Senior Engineer, an industry engaged in the manufacture of IC products and spearheaded their Planned Maintenance organization composed of maintenance managers and engineers. He was responsible for the dramatic reduction of unplanned breakdowns in their TPM Journey as well as RCM implementation on their Facilities AHU and as well as their sub-station equipment. Rolly is currently working as an independent reliability and maintenance consultant. Rolly had released his first book on World-Class Maintenance Management - The 12 Disciplines a book that makes every maintenance feel proud that they belong to the maintenance function.



TPM Master Class, 2009, CADP

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## TPM Program Contents:

### 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**
  - How TPM originated from Japan
  - Lessons learned from the Japanese
  - Kaizen and Innovation
- 1000 - 1015 **Morning Break / Meals**
- 1015 - 1200 - **Module 2 : TPM Basic Concept**
  - History of TPM
  - Basic Concept of TPM
  - TPM and RCM Strengths
- 1200 - 1300 - **Lunch**
- 1300 - 1500 - **Module 3 : TPM 12 Developmental Steps**
  - TPM Preparatory Stage
  - TPM Implementation – Pillars of TPM
  - Stabilization Stage
- 1500 - 1515 - **Afternoon Break / Meal**
- 1515 - 1600 - Take TPM Exercises
- 1600 - 1700 - **Module 4 : TPM Pitfalls**
  - What TPM can and cannot do?
  - Mistakes in TPM implementation
  - Reasons why many industries fail in their TPM implementation
- 1700 - End of Day 1

### DAY 2

- 0745 - 0815 - Coffee
- 0815 - 1000 - **Module 5 : Implementing TPM**
  - TPM Fast track - 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**
  - Exercises on Equipment Losses
- 1430 - 1500 - **Afternoon Break / Meal**
- 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 and 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 Story**
- 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

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## Cost of TPM Training :

- 1 Delegate: Php 22,500.00
- 2 Delegates: Php 44,000.00
- 3 Delegates: Php 64,000.00
- 4 Delegates: Php 82,000.00
- 5 Delegates: Php 100,000.00



World Class Maintenance Book Included

## Payment Procedure and Policy:

- Payment can only be accepted through cash or check basis. For payments in check kindly Pay to RSA Reliability and Maintenance Consultancy Firm.
- An Official Receipt will be provided after issuance of complete payment for this event.
- Payment should be done during registration, kindly advise the delegates to carry with them the payment for this training. To avoid future problems on our part No payment, No entry policy would be enforced on this training workshop.

## How To Register for this Event:

Step 1: Send us an email on the following:

- Full Name of Delegates: (FN, MI, LN)
- Position or Designation
- Department
- Name of Industry
- Type of Industry
- How is payment to be made Cash or Check

Step 2: We will send you the exact amount of fee to be paid for this event. With discount for 2 or more delegates as stated above.

Step 3: Once we have confirmed the names of the people you are going to send, we shall provide you a confirmation email. Strictly no walk-in.

## Cancellation, Postponement Policy

- For delegates who will not complete the duration of the seminar and workshop, RSA Reliability and Maintenance Consultancy Firm will offer no refunds regarding this matter, certificates of attendance will only be provided to those delegates that will complete the three day seminar and workshop
- In the event that the seminar will be cancelled as a result of unforeseen events such as Acts of God or others uncontrolled reasons, RSA Reliability and Maintenance Consultancy Firm shall assume no liability whatsoever in the event this seminar and workshop be cancelled, postponed, move or rescheduled due to this fortuitous and unforeseen event.
- In case of a low turn out of delegates for this event, RSA Reliability and Maintenance Consultancy Firm reserves the right to cancel the event. An email will be sent to concerned parties.
- In the event you would like to cancel your participation in this seminar, kindly send us an email one week before the event is due. If you have made an advance payment and your delegates did not attend and have not informed us one week before the event, you will be charged with the full amount of the training fee.

## Our Contact Details:

**RSA Reliability & Maintenance Consultancy Firm**

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