



Total Productive Maintenance



Sheraton Dammam Hotel & Towers,
8th - 9th October 2011,
Dammam, Saudi Arabia



Sheraton Jeddah Hotel,
11th - 12th October,
Jeddah, Saudi Arabia

Total Productive Maintenance (TPM) is one of the key concepts of Lean Manufacturing, challenging the view that maintenance is no more than a function that operates in the background and only appears when needed. This of course is simply not true.

The truth is when a manufacturing organisation fully implements and sustains TPM there are several positive outcomes: Increase in capacity and output, lower costs, a more controlled working environment, a cleaner and safer shop-floor, motivated staff who become even more effective in what they do. These are the "Wants" of every manufacturer. They can be yours by attending this highly interactive 2 day workshop.

Sadly the average productivity on the shop-floor is less than <45%. However, 85% is the World Class measure to target your business at.

Course Overview

This 2 day course utilizes practical examples to demonstrate the positive improvements of a successful implementation of TPM

What you will learn

At the conclusion of the course each delegate will be able to:-

- Install a structured 5S into their company ahead of TPM introduction
- Calculate the Overall Equipment Effectiveness (OEE) of their machinery
- Understand how to improve the efficiency of their machinery
- Predict where failures are likely to occur
- Be able to design and implement a TPM programme
- Get the buy-in of their team



Bonus Takeaways



*5S and Quick Change-Over (QCO) software for your cycle reduction initiatives. Plus tools & techniques like TOPS 8D problem solving techniques



*A manual detailing workshop materials & activities with additional handouts



Instructor Profile



Roger G. Edmonds

Roger G. Edmonds has over 21 years experience in developing companies and their employees. Roger has vast practical experience in implementing Lean Manufacturing having assisted vehicle manufacturers and their tiered supplier base, plastic injection moulding companies, foundries, major food processing organisations, security products manufacturers, International machining suppliers and fabricators.

Roger's career has ranged from Managing Director to Chairman & CEO of International manufacturing companies. Some of the companies he worked with are: *Lotus Cars, Motorola, Ford, British Sugar, Jaguar, Aston Martin, Yamazaki Mazak UK, Timken Aerospace, City Hospital, Red Cross, Land Rover, Post & Mail Newspapers, Webasto.*

Roger has undertaken both consultancy and training within the Middle East for over 8 years. He is always received by his delegates with great warmth and loyalty.

Here are just a few highlights of his successful consultancy:

JCL

- Turned a major loss of \$2.8m into profit in 12 months.
- Gross Profits rose from 33% to 57%.
- Price of Non-conformance 37.3% to <8%.
- Reduced inventory by \$1.4m, & Working Capital by 65%.

West Midlands Fabricators Ltd.

- Shop floor re-organised. Lead time reduced by 47%.
- Stores re-organised saved \$180k.
- Machine shop team set-up. Sales increased by 150%.
- Process Flow improved. & Lead Times reduced by 56%.

Jaguar Cars Ltd

- Team Leader Development & Lean Manufacturing trainings.
- Implementation of Problem Solving.
- TOPS 8D Problem Resolution Technique now used.

Thomas Dudley Ltd

- Installed the principles of Lean.
- Kaizen Teams. Saved \$270k to date.
- Kanban in-place.
- 5S used through-out. 27% extra space.
- Cells & One Piece Flow. Takt time achieved.
- Strategy Development. 5 Year plan in place.

Developed the acclaimed Sensei programme for the Centre of Engineering Excellence, which is approved by the Manufacturing Advisory Service, in UK.

2 Day COURSE CONTENTS

The Total Productive Maintenance training course covers the following topics:-

- Course Objectives & Definitions
- Getting your workplace in order -5S Workplace Organisation
- Understanding the basic concepts of TPM - The 12 Key Strategies
- What is Overall Equipment Effectiveness (OEE) and how to measure it
- Understanding the 6 Big Losses and how to address their root causes
- Quick Change Over
- Autonomous Maintenance
- Planned Maintenance
- TPM Training
- Kaizen - Continuous Improvement

Daily Schedule

8.00 am	Registration and Welcome Coffee
8.30 am	Training Starts
10.30 am	Break for refreshments
11.00 am	Training Resumes
12.30 pm	Lunch
1.30 pm	Training Resumes
3.00 pm	Break for refreshments
3.30 pm	Training Resumes
5.00 pm	End of Training

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REGISTRATION FORM

(Use copies of this form for additional participants)

1st Delegate

Name Mr/Mrs/Ms

Position

Telephone

Mobile

Email

2nd Delegate

Name Mr/Mrs/Ms

Position

Telephone

Mobile

Email

3rd Delegate

Name Mr/Mrs/Ms

Position

Telephone

Mobile

Email

AUTHORIZATION

(This form is invalid without a signature or company stamp)

Organization

Address

Country

Telephone

Fax

Authorising Manager

Position

Signature

Date

3 EASY WAYS TO REGISTER



Call: +603 2162 5485



Fax the registration form to: +603 2162 7485



Email this form to: register@inversion-i.com



INVERSION International

www.inversion-i.com

Tel: 603 2162 5485 Fax: 603 2162 7485
General Enquiries: info@inversion-i.com

TRAINING LOCATION

8 - 9 October, Dammam

11 - 12 October, Jeddah

PRICES AND OFFERS

Total Productive Maintenance

Single Booking :

USD 1,795.00 per delegate

Multiple Bookings :

2 - 3 seats : USD 1,595.00 per delegate

4 seats and above : USD 1,395.00 per delegate

METHOD OF PAYMENT

Cheque/Draft

Payable to

INVENSION INTERNATIONAL SDN BHD

Bank Transfer

**A/C No. 205-418510-725
HSBC Bank, Main Branch,
Kuala Lumpur, Malaysia
SWIFT: HBMBMYKL**

For Invoice Purpose

Contact Person Name:

Position:

Tel:

Fax:

Email:

Terms and Conditions

1. Professional Training Fee

Registration Fee is inclusive of course materials and refreshments, and does not include accommodation or transportation.

2. Payment Terms

Once a completed registration form is received, full payment is expected within 5 business days from receipt of invoice. PLEASE NOTE: payment must be received prior to the event date. A receipt will be issued once payment is received.

3. Confirmation Details

Joining instructions such as Confirmation Letter, Location Map, etc will be sent to the concerned delegate (s) or contact person once a completed registration form is received.

4. Cancellation/Substitution/Addition of Delegate (s)

Substitutes for registered delegates is welcome at any time, provided the organizer is notified either by official fax or email. Additional delegates are welcome too subject to seat availability. All cancellations after a registration is communicated to the organizer either by fax or email will be subjected to a 10% penalty of the regular fee. Cancellation must be received in writing by mail or fax. Non-payments and non-attendance does not constitute cancellation.

5. Late Registration

The organizer reserves the right to reject any registration that is received after the last day of registration that is advertised in our brochure and promotional materials.

6. Certificate

All participants who complete the course will receive a Certificate of Attendance, signed by the trainer. Please ensure when registering that your name is written the way you want it to appear on your Certificate.

7. Copyright

All intellectual property rights in all materials produced or distributed in relation with this event is expressly reserved with INVENSION International and any unauthorized duplication, publication and distribution is prohibited.

Important Note: While every reasonable effort will be made to adhere to the advertised package, INVENSION reserves the right to change event dates, sites, location or omit event features or alternate offers shall be made.