

16th Year = New Material + New Learnings

Getting TPM & Lean to Work

in an Australasian Workplace
covering Manufacturing, Process, Mining & Utilities

TPM engages your people

Lean transforms your business

Without engaged people, your transformation will not sustain

"Coming together is a beginning. Keeping together is progress. Working together is success" Henry Ford

"If you do not know how to ask the right question, you discover nothing"
W. Edwards Deming

Have your improvement initiatives stalled or taking too long?

Are the road blocks to Operational Excellence just too great?

Are your Team Leaders ineffective and everyone else in the Leadership Chain managing down a level?



A lot was packed into 2 days and represented very good value for the time invested. The program is an ideal and motivational way to unify existing and new improvements and deliver measurable outcomes.

Manufacturing Manager,
Criterion Manufacturing NZ

This Interactive 2-day Workshop will take the mystery out of integrating all the principles, tools, and concepts from TPM & Lean.

It will cut through all the confusion and provide an approach that works in an Australasian workplace environment.

Learn:

- How to engage your people and achieve significant sustained improvement
- A means to integrate your existing improvement activities into a proven pathway that ensures sustained results
- The subtleties of on-going improvement that differentiates the best from the average

Hear:

- A Case Study from a site that has made significant progress in their transformation to Operational Excellence



Presented by Ross Kennedy and the team from CTPM who are currently assisting over 30 sites throughout Australia, New Zealand, Thailand and Indonesia on their journey to Operations Excellence.

Auckland - 06 & 07 March 2012

Gain a greater understanding of the Journey to Operations Excellence

Workshop Timing (Day 1 & 2):

- 08.15 Registration Tea & Coffee
- 08.30 Commence
- 10.30 Morning Tea & Coffee
- 12.15 Lunch
- 14.15 Afternoon Tea & Coffee
- 15.45 Afternoon Break
- 17.00 Conclude
- 17.00 Networking Drinks (Day 1)

You will receive:

- Comprehensive workshop manual
- Operations, Maintenance and Culture rating sheets
- 10 Year Study into the Operations Capability of Australian Industry to allow comparison of your site
- Latest papers on TPM & Lean
- Lunch, morning and afternoon teas each day
- Networking drinks (Day 1)



Raves from Previous Attendees:

This workshop is a very valuable investment for anyone embarking on a TPM Journey. It has the right mix of education, case studies, group activities and experiential learning.

Brian Levitan, Public Officer, Lean Network NSW

The payback from OEE improvement once understood will convince the recipient to take on TPM³.

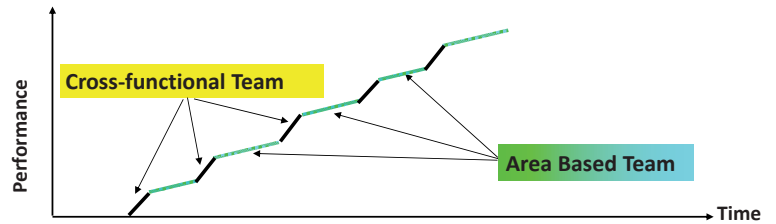
John Pretorius, Production Manager, Criterion Manufacturing NZ

This workshop is based on over 15 years of hands-on refinement of what is now acknowledged as one of the most comprehensive strategic pathways and frameworks for Operations Excellence.

Recognises the need for On-going Improvement activities that progressively develop the skills and abilities of all employees so as to unleash their full potential

Cross-functional Team improvement focusing on developing **Problem Solving** skills using key improvement drivers while breaking down barriers

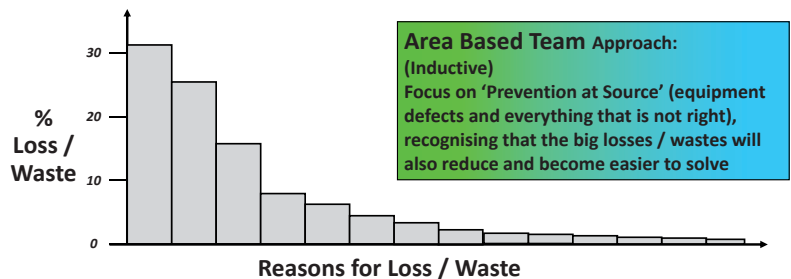
Area Based Team improvement focusing on **Visual Workplace** and **Prevention at Source** abilities and enhancing Problem Solving skills



Key Improvement Drivers: TPM - Overall Equipment Effectiveness (OEE)
Lean - Lead Time Reduction

Recognises the need to approach Losses & Waste from both ends of the Pareto Chart

Cross-functional Team Approach: (Deductive)
Identify the big losses / wastes and try to find the best solution



Area Based Team Approach: (Inductive)
Focus on 'Prevention at Source' (equipment defects and everything that is not right), recognising that the big losses / wastes will also reduce and become easier to solve

This workshop will teach you how to:

- Break down barriers and build relationships between Production & Maintenance and Management & Shopfloor
- Understand the entire equipment and process losses within the plant along with whether they relate to technical or people issues
- Improve equipment performance to allow time for operator development through synergistic Area Based Teams
- Improve Communications between shifts to promote sharing of learnings
- Establish agreed standards across all shifts to reduce variation in operation and sustain improvements
- Train operators to identify safety, quality and equipment problems at the source, at the earliest possible time
- Change the equipment so it is easy for operators to find the problems
- Create a maintenance support capability that can respond to small problems and issues identified by the operators to encourage operators to continue to find problems
- Establish stability of the production plan through Flow logic to promote and enable Formal Continuous Improvement

TPM is the most effective proven means of addressing 'poor equipment care', eliminating and avoiding 'equipment defects' and becoming a 'best performer'

Workshop Outline

The Evolution of TPM & Lean

- how equipment reliability through TPM underpins Lean

Operations Excellence Rating - how does your site compare?

3 Key Foundations required to sustain TPM & Lean in a non-Japanese plant

- holistic measurement, workplace ownership through teamwork and on-going continuous improvement involving everyone

Measuring Overall Equipment Effectiveness (OEE)

- a key driver for TPM Improvement

Hands-on Simulation - demonstrating OEE measurement

Development of the 10 Improvement Activities of TPM & Lean

- what's required to make it work

Role of Leadership

- the underpinning foundation to the 10 Improvement Activities

How to Apply the 10 Improvement Activities Systemically / Organically

1. Safety & Environment Management

- the ingredients to achieving zero accidents or incidents

2. Focused Equipment & Process Improvement

- building relationships between production and maintenance while creating time for on-going operator Improvement Activities

3. Work Area Management

- sorting out the workplace while improving communications and standards between shifts

4. Operator Equipment Management

- developing world class operators while achieving zero breakdowns, zero quality problems and zero accidents or incidents

5. Maintenance Excellence Management

- freeing up maintenance time to support on-going operator Improvement Activities

Maintenance Excellence Rating - how does your site compare?

6. New Equipment / Product / Area Management

- applying 'prevention at source' to design and planning

7. Support Department Improvement

- addressing the 'cause for pause' in support departments

Hands-on Simulation - reactive vs pro-active behaviours

8. Value Stream Management

- achieving flow and a stable production plan

9. People & Leadership Development

- developing the skills and leadership capability to support on-going continuous improvement

10. Process Quality Management

- the ingredients to achieving zero quality problems

Changing Workplace Culture - addressing the 'road blockers'

Workplace Culture Excellence Rating - how does your site compare?

Developing an Implementation Plan

- getting the biggest return in the shortest time

Measuring & Recognising Success

- what best sites strive for

The Road Ahead

- mapping a path forward

**PLUS: Case Study
from a local site**

This is an essential concept for companies to involve all their people in. From management through to workers to enable them to survive in an ever increasing competitive world.

Plant Manager - Boral Bricks Bringelly NSW



Our proven TPM & Lean methodology (TPM³) recognises the need for both Cross-functional improvement teams and Area Based Teams engaged in formal improvement activities. The Cross-functional Teams focus on creating 'breakthroughs' using effective Pro-active and Frontline Problem Solving using a range of 'improvement drivers' to allow the prioritising of opportunities. Area Based Teams practice 'on-going improvement' to develop their Visual Workplace and Prevention at Source abilities and further enhance their Frontline Problem Solving skills.

Area Based Team improvement is about engaging everyone to systematically look at their workplace and identify and eliminate any imperfections or defects that can ultimately lead to early equipment failure or poor performance and hence increased costs and frustrations. By providing everyone the framework and encouragement to not only 'remove' the imperfections or defects but to find out where they are coming from and implement changes to 'avoid' their reoccurrence, significant savings and performance improvement can be achieved along with a high degree of ownership to the solutions by the people who do the work. This approach of engagement is referred to as 'pull' culture change and is a critical ingredient in achieving Operations Excellence.

To register, visit our online events page at www.ctpm.org.au/events or fill out the following form and fax or email to **CTPM Australasia**
Fax: +61 2 4226 6218
Email: ctpm@ctpm.org.au

Registration Form

Getting TPM & Lean to Work 2012

Please photocopy for multiple bookings. One form per delegate.

PERSONAL DETAILS

Name: _____

Position: _____

Company: _____

Mailing Address: _____

Phone: _____

Email: _____

PAYMENT DETAILS

CTPM MEMBER NON CTPM MEMBER

Please send me a **CTPM** membership application form

Send me free email updates on TPM & Lean (TPM³)

EFT - Westpac - BSB 032 695 - Account Number 120 426

Cheque enclosed, payable to: **CTPM** Australasia
PO Box 1039 Wollongong NSW 2500

INVOICE MY COMPANY ON PURCHASE ORDER No: _____

Please charge my Credit Card: Total \$ _____

Visa Mastercard Amex

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CARDHOLDER'S NAME: _____

EXPIRY: _____ SIGNATURE: _____

Confirmation of your registration and tax invoice will be sent once payment has been received

QUALITY GUARANTEE

We back our training with an unconditional money-back guarantee.
If this workshop fails to meet your expectations return your manual at the conclusion of the workshop and we will refund your attendance fee.

Dates & Venues

■ **06 & 07 March 2012**
Jet Park Hotel
63 Westney Road
AUCKLAND

Workshop Fees

CTPM Member = \$1,350 + GST (\$1,552.50NZ)

Register 3 or more CTPM Members & pay only \$1,200 (\$1,380NZ per delegate)

Non CTPM Member = \$1,500 + GST (\$1,725NZ)

Register 3 or more Non CTPM Members & pay only \$1,350 + GST (\$1,552.50 NZ per delegate)

*All prices are in New Zealand Dollars
Accommodation not included in workshop fee*

PROGRAM CHANGES

CTPM reserves the right to make changes in venue, to cancel program if enrolment criteria are not met, or when conditions beyond its control prevail. Every effort will be made to contact each delegate if a program is cancelled.

CANCELLATION

Where an alternative delegate is not possible, CTPM requires written notice at least 7 days prior to the event in order to issue a refund. No refunds will be made within 7 days notice.

