

# WORKSHOP #4

## Creating a Lean Factory Lead Time Reduction Simulation

A “Hands-On” Learning Activity involving the transformation of a manufacturing plant which includes interfacing with the supplier and customer along with detailed performance and cost analysis.

Increase your understanding of Lead Time Reduction as a means to analyse and improve Value Streams.

Illustrate the hidden pit falls of Traditional / Mass Production on quality, delivery and cost.

Experience for yourself the frustrations that employees experience as a result of Traditional / Mass Production approach to manufacturing versus a Lean approach.

### Who Should Attend?

- Managers
- Supervisors
- Support Staff
- Production
- Maintenance
- Quality Staff
- Engineers
- Shop Floor Operators
- Improvement Staff

## Host Site Training Opportunites

*Does your company have its own on-site Training Room?*

*Consider hosting one or more of these*

*One-day Lean Support Workshops at your site!*

### WHAT IS INVOLVED?

Host Sites are required to provide an on-site training room with equipment and catering for the duration of the event.

Maximum number of participants per workshop is dependant upon the training facilities available.

We ask the Host to consider arranging a BRIEF SITE TOUR for visiting participants.

### WHAT ARE THE BENEFITS OF HOSTING?

- Considerable savings on Training Costs
- Address the needs of your company by hosting a workshop which is relevant to your current situation
- Nominate a suitable workshop date to fit in with your other work commitments
- Reduce travel expenses – we come to you!
- Invite representatives from companies in your supply chain to attend the event
- Increased networking opportunities
- Enriched learning from sharing with different companies on the journey

### FOR MORE INFORMATION:

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Assisting companies since 1996 to develop and unleash the full potential of their people, equipment and processes.

## One-day Lean Support Workshops

# 1

### Toyota Frontline Problem Solving

- Problems keep coming back?
- Can't get to Root Cause?
- Need to improve the frontline problem solving capability in your organisation?

*This workshop provides an easy to follow 7-Step Frontline Problem Solving Process and includes a comprehensive manual, 2 User Workbooks and A3 Templates.*

# 2

### Mistake Proofing for any workplace

- Quality problems just seem to happen?
- Human Error is often the excuse?
- Need simple solutions to eliminate mistakes?

*This workshop provides a pathway to improve quality and eliminate mistakes from your workplace.*

# 3

### Maintenance in a Lean & TPM Environment

- Maintenance too busy to support Lean Activities?
- Maintenance struggle to train operators to care for their equipment?
- Need to understand the new role of Maintenance in a Lean & TPM Environment?

*This workshop will show you how to free up 25% of your Maintenance Resources and motivate them to support your Lean Activities.*

# 4

### Creating a Lean Factory Lead Time Reduction Simulation

- Graphically illustrate the pit falls of Traditional / Mass Production
- Understand the frustrations that can result from a Mass Production approach to Manufacturing
- Trial your Lean improvement ideas in a 'hands-on' simulated factory

*This workshop will challenge you and your team to find step by step ways to create a Lean Factory.*

## Workshop Timing: 9am - 4pm

*Supporting your organisation in the boardroom, classroom, and shopfloor*

# WORKSHOP #1

## Toyota Frontline Problem Solving

This workshop provides an overview of the CTPM Strategic, Tactical and Frontline framework for addressing all workplace problems.

It then outlines and demonstrates Toyota's scientific method of frontline problem solving through the highly effective Plan-Do-Check-Act improvement cycle, in an **easy to follow** 7-step process.

Participants use a user-friendly Frontline Problem Solving Workbook, A3 Worksheet, Cause & Effect diagram and 5-Why chart to summarise their results as they solve a workplace problem / incident covering such issues as safety, quality and maintenance.

### Who Should Attend?

- Managers
- Supervisors
- Support Staff
- Production
- Maintenance
- Quality Staff
- Engineers
- Improvement Staff
- Shop Floor Operators

### By the end of this workshop you will be able to:

- Define problems more clearly
- Develop Containment Strategies
- Construct a Cause & Effect Diagram
- Work through a 5-Why Chart to get to Root Cause
- Summarise your results on an A3 worksheet to allow sharing of your learnings

### Raves from previous attendees...

*It was fantastic to see that the whole problem solving process has been combined into an A3 sheet. This will definitely make it easier for us to use within our workplace to achieve results.*

**Nolan De Lange, Production Manager - Alphapharm**

*Very well presented and informative. We need to run this workshop in-house to improve our problem solving process.*

**Craig Disher, Maintenance Supervisor - General Motors Holden**

*A great introduction into Problem Solving Tools and techniques for the guys on the shop floor.*

**Stephen Cook, Lean Facilitator - Sanitarium**

# WORKSHOP #2

## Mistake Proofing for any workplace

### Is it possible to eliminate errors in any workplace? Yes we can!

Zero errors and Zero quality defects must be the goal of every organisation if they are to succeed in the future.

This workshop shows how simple error proofing processes can be applied to any type of business including manufacturing, food processing, job shops or service providers. Mistake proofing processes can be used to effectively eliminate errors and quality defects without expensive and time consuming post production testing.

### Who Should Attend?

- Managers
- Supervisors
- Support Staff
- Production
- Maintenance
- Quality Staff
- Engineers
- Improvement Staff
- Shop Floor Operators

### By the end of this workshop you will be able to:

- Identify and prevent errors before they become quality defects
- Achieve zero quality defects through prevention at source inspection and mistake proof systems
- Eliminate your quality problems without major investment
- Produce superior quality products and services that improve customer satisfaction and increase your competitive advantage
- Create a highly motivated workforce by tapping into the creativity of your operations teams

### Raves from previous attendees...

*Training was well presented and the instructor demonstrated a clear understanding of the topic.*

**Reden De Guzman, Process Engineer, Hunter Douglas**

*An excellent way of improving our business through employee development. A great return for a little outlay. Very enjoyable and thought provoking. Training money well spent.*

**Stephen Cook, Warehouse Manager, Sanitarium**

*Well presented and structured workshop. Great approach to mistake proofing in the workforce. Certainly will be a benefit to our organisation going forward.*

**Shane Warman, Production Scheduler, Sanitarium**

# WORKSHOP #3

## Maintenance in a Lean & TPM Environment

This workshop focuses on how maintenance fits into your Lean Journey. It will help you understand the importance of the reliability of equipment to the Lean Journey and how to free up your Maintenance Resources in order to support and sustain your Improvement Activities

If TPM is implemented, then Maintenance need to take on the new responsibility of training and supporting operators in equipment care and training for inspection activities.

A framework and pathway will be provided to allow maintenance to re-invent itself as a critical pro-active support function capable of delivering maintenance practices that will support your Lean Journey.

### Who Should Attend?

- Managers
- Supervisors
- Support Staff
- Production
- Maintenance
- Quality Staff
- Engineers
- Improvement Staff
- Frontline Trades

### By the end of this workshop you will be able to:

- Understand the importance of reliability of equipment to the Lean Journey and the challenges to address
- Understand the Lean & TPM activities that Maintenance will need to support, and the implication for maintenance resources
- Understand the impact of training operators to carry out detailed equipment inspections
- Benchmark your maintenance capability and understand the sequence of activities required to transform Maintenance so you can support Lean at your site

### Raves from previous attendees...

*I got a better understanding of how important maintenance support is for us to improve.*

**Vic Filipendin, Production Manager - PZ Cussons**

*This workshop gave me a much better understanding of how to get to best practice, and what I can do to support operations.*

**Aaron Dalziel, Maintenance Fitter - Unilever Australasia**

*I now have a method to reduce time wasted and change the nature of our maintenance work, to be more proactive.*

**Daniel Moga, Engineering Manager - Willow Ware Australia**