

TOTAL PRODUCTIVE



TPM, or Total Productive Maintenance, is an internationally recognized program for optimizing equipment and machinery performance. It is often used in companies that are applying Lean Manufacturing concepts.

It uses a measure known as OEE (Overall Equipment Effectiveness) to measure equipment capabilities based on availability, performance capability – throughput, and quality. This is a powerful tool that quickly identifies operation and maintenance improvement opportunities.



TPM comprises of a three stage process:

- Stage One – Equipment Stabilisation
- Stage Two – Maintenance Excellence
- Stage Three – Performance Optimisation

During our two day TPM training program maintenance and operational staff will learn how to apply the principles of TPM in their workplace. They will apply these in a series of hands on “learn-do” activities.

Participants will learn the importance of operations and maintenance staff working collectively to ensure maximum equipment and machinery capability.

We provide a complete framework to implement and manage your TPM initiatives for sustainable competitive advantage.

For more details contact +61 7 3488 2143
or visit our website www.improvegroup.com.au



Two Day Training Schedule

Day One

Session One

- Introduction to TPM – OEE and Six Machine Losses
- Action based exercise including
 - TPM assessment of plant and equipment – hands on exercise specific to their site equipment
 - Opportunity assessment (identifying the opportunities)
 - Ranking the opportunities (Operational and Maintenance)



Session Two

- TPM – How to do it (Part One) - initial inspection and cleaning
- Action based exercise including
 - Inspect and clean – blue tagging
 - Development of outstanding equipment repair lists and action plan
- End of day review

Week 1-2 Workplace activities related to TPM implementation

Day Two (approximately two weeks after initial training day)

Session Three

- Review of activities and learning's
- TPM – how to do it (part two) – development of maintenance standards (cleaning, lubrication, inspection), one point lessons
- Action based exercise including
 - Development of standards – team broken into groups to work on different elements (lubrication, inspection, preventative/predictive)
 - Development of one point lessons

Session Four

- Review of the mornings activities and learning's
- TPM – how to do it (part three) – reduction of maintenance requirements
- Action based exercise including
 - Identification of opportunities
 - Development of action plan
- TPM – how to do it (part four) – Sustaining the gains, World-Class performance measurement and setting 12 week goals
- Review of two day program, development of action plan for team, Q&A

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Customer Results



- Doubled throughput in eight weeks – avoided ~\$2m capital expenditure
- Reduced breakdowns by 80% in two weeks



Other Training Options

One Day Introductory workshop

Discover the impact that availability, performance and quality losses have on plant and business performance, and what you can do about it. This workshop is suitable for operators, maintainers, supervisors and managers

Formal 12 month TPM program linked to the Certificate IV in Competitive Manufacturing – a nationally recognized training program.

This hands-on improvement program will make a dramatic difference to your plant performance and capabilities.

Combining operations and maintenance functions this program provides your staff with a real business related goal that can make a significant difference to your culture and business performance.

The Improve Group provides all training and implementation resources for this unique program which may be eligible for government funding.

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