

PTPM1 - Total Productive Maintenance

This workshop will introduce the principles of Total Productive Maintenance. TPM is an essential component of a Lean manufacturing program.

The **TPM system** addresses production operation with a solid, team-based proactive program. It helps eliminate losses from breakdowns, defects, and accidents and improves Overall Equipment Effectiveness (OEE).



This workshop teaches the methodology of team based practical problem solving related to plant and equipment to identify and prevent losses that work towards a GOAL of: ✓ Zero Defects; ✓ Zero Accidents; ✓ Zero Downtime

The workshop covers the following topics:

1. What is TPM?
2. TPM Principles and how TPM Works
3. Eight Pillars of TPM
4. Self-Assessment of TPM
5. Autonomous Maintenance
6. Equipment and Process Improvement, 6 Big Losses
7. OEE
8. Planned Maintenance
9. Early management of new equipment
10. Process quality management
11. TPM in administrative and support departments
12. Education and training
13. Safety and Environmental management
14. TPM Implementation

Benefits –

- Improved Productivity
- Improved Equipment Uptime and Effectiveness
- Improved Quality
- Lesser (or Nil) breakdowns
- Improved Ability to Respond to Customer Needs due to equipment reliability

This workshop can be linked to the following unit standards, depending on the scope of the project undertaken and involvement of the individuals:

- 18935 (Level 3, Credits 10)** - Explain principles of TPM used in a CM organisation
- 21516 (Level 3, Credits 5)** - Contribute to a proactive maintenance strategy
- 21529 (Level 4, Credits 8)** – Assist in implementing a proactive maintenance strategy
- 24785 (Level 4, Credits 5)** – Lean proactive maintenance strategy in a CM organisation
- 24796 (Level 6, Credits 15)** – Analyse cost implications of maintenance strategy
- 24804 (Level 6, Credits 20)** – Develop a proactive maintenance strategy for a CM Organisation
- 24805 (Level 6, Credits 15)** – Adapt a proactive maintenance strategy ([process manufacturing](#))
- 24806 (Level 6, Credits 15)** – Adapt a proactive maintenance strategy ([seasonal manufacturing](#))

Note: To be awarded these unit standards, evidence must be provided from the work place as proof of implementation. The participants need to undergo work place assessments. There would be additional cost involved for this service.

**Contact Productivity Institute to book
your workshop(s) or for further information**



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