

Delivering Asset Reliability Under Cost & Resource Pressure

Lean Maintenance - Total Productive and Predictive Maintenance to drive sustained ideal results

Practical strategies to increase uptime, reduce cost, and stabilise production — without increasing headcount and inventory costs.



Why attend this webinar?

In today's competitive industrial environment, performance isn't just about technology, it's about **how people, systems, and culture work together**.

Lean Maintenance - TPPM engages everyone in your organisation to care for equipment, prevent breakdowns, and **continuously improve** how work is done.

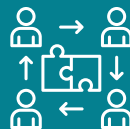
By combining the principles of Total Productive Maintenance (TPM) and Predictive Maintenance (PdM) with an **Agile Improvement Sprint** approach, teams learn by doing — applying tools immediately to deliver measurable results.

The outcome is more than reliable machines, it's a reliable organisation, where engagement, quality, and productivity thrive.

Outcomes achieved:



Increase equipment reliability and uptime - >99%



Build engagement across functions



Improve quality, safety, and productivity >99%



Develop capability for sustainable continuous improvement - Productivity gains of >4X





Delivering Asset Reliability Under Cost & Resource Pressure Workshop Details

Durations: 1 hour

Format: Virtual or in person

Topics Covered:

- History of asset reliability
- Achieving a baseline of Total Productive Maintenance
- Incorporating predictive JIT maintenance to reduce costs and enhance performance
- Making it sustain



TPPM Steps Overview

At the heart of TPPM is **Purpose and People**. TPPM Unites cross-functional teams under a shared purpose and goal. We form cross-functional teams including leadership. Create a unified plan and improvement backlog and build ownership and accountability across departments focused on machines as a customer.

1. Baseline & Targets

Define what success looks like.

- Voice of Customer & Employee
- Measure OEE, productivity, quality & uptime
- Set SMART goals for sprints or projects

2. Condition Appraisal

Go, see, and understand.

- Go See – Look, Listen, Learn (LLL) Walks
- Apply 5S with meaning
- Build prioritised improvement backlog
- Rapid improvement sprints (RCA, PDCA, SMED)

3. Prevention System

Create stable, reliable routines.

- Implement CILT (Clean, Inspect, Lube, Tighten)
- Develop maintenance & operator systems
- Visualise processes & apply Leader Standard Work (LSW)

4. Predictive Capability

Anticipate failures before they occur.

- Use FMEA to identify high-risk points
- Apply sensor technology for condition monitoring
- Integrate software for alerts and planning

5. Work Execution

Turn plans into action.

- Execute PM & Predictive JIT Work
- Apply LEAN RFS (Right First Support) to part management
- Strengthen cross-functional teamwork & ownership

6. Continuous Improvement

Lock in and build on success.

- Daily Huddles & Visual Management Boards
- Maintain 5S discipline and LSW
- Ongoing RCA, PDCA, SMED cycles
- Continue to Look, Listen, Learn (LLL)

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