

TRANSFORMATIONAL TOTAL PRODUCTIVE MAINTENANCE (TPM) FOR OPTIMAL UPTIME

"Driving Zero Breakdowns, Zero Defects, and Maximum Equipment Effectiveness"

Schedule

Date	Venue	Fees (Face-to-Face)
26 - 30 Oct 2026	London, UK	USD 3,495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

Total Productive Maintenance (TPM) is a proven, holistic approach that integrates people, processes, and equipment to achieve maximum operational efficiency. When effectively implemented, TPM transforms maintenance from a reactive function into a proactive, value-generating system that supports organizational excellence.

This intensive 5-day training provides participants with a structured and practical understanding of TPM principles, pillars, and implementation strategies. The program focuses on driving sustainable uptime improvements, enhancing Overall Equipment Effectiveness (OEE), and embedding a culture of ownership, continuous improvement, and operational excellence across the organization.

Objectives

By the end of this course, participants will be able to: Understand TPM philosophy, principles, and pillars

- Implement autonomous and planned maintenance programs
- Improve Overall Equipment Effectiveness (OEE)
- Reduce breakdowns, defects, and losses
- Engage operators and maintenance teams collaboratively
- Apply continuous improvement tools within TPM
- Develop and sustain a TPM roadmap

Why Attend

- Learn how to implement TPM effectively, not just conceptually
- Achieve sustainable improvements in equipment uptime
- Reduce maintenance costs and unplanned downtime
- Strengthen operator ownership and accountability
- Improve productivity, quality, and safety
- Build a continuous improvement culture

Target Audience

This program is designed for:

- Maintenance and reliability professionals
- Production and operations managers
- Continuous improvement and lean practitioners
- Plant and engineering managers
- Supervisors and team leaders
- TPM coordinators and champions

Individual Benefits

Key competencies that will be developed include:

- Practical understanding of TPM implementation
- Ability to analyze and improve equipment performance
- Enhanced leadership and change management skills
- Improved problem-solving and teamwork capabilities
- Stronger knowledge of OEE and loss elimination

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Increased equipment availability and reliability
- Improved Overall Equipment Effectiveness (OEE)
- Reduced maintenance and operational losses
- Enhanced safety and workplace discipline
- Stronger cross-functional collaboration and ownership

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - TPM philosophy, pillars, and implementation frameworks
- Case Studies - Successful TPM transformations and lessons learned
- Workshops - OEE calculation, loss analysis, and TPM pillar deployment
- Peer Exchange - Group discussions on TPM challenges and best practices
- Tools - TPM roadmaps, pillar checklists, and performance dashboards

Course Outline

Detailed 5-Day Course Outline

Training Hours: 7:30 AM – 3:30 PM Daily Format: 3–4 Learning Modules Coffee Breaks: 09:30 & 11:15 Lunch Buffet: 01:00 – 02:00

Day 1: TPM Foundations & Organizational Readiness

- Introduction to TPM and its strategic importance
- The eight pillars of TPM
- TPM implementation roadmap and leadership commitment

Day 2: Autonomous Maintenance & Operator Engagement

- Principles of autonomous maintenance
- Operator roles and responsibilities
- Equipment cleaning, inspection, and standardization

Day 3: Planned Maintenance & Reliability Improvement

- Planned maintenance strategies and scheduling
- Failure analysis and preventive maintenance optimization
- Maintenance standardization and best practices

Day 4: OEE Improvement & Loss Elimination

- Understanding and calculating OEE
- Six big losses and improvement techniques
- Continuous improvement and kaizen within TPM

Day 5: Sustaining TPM & Continuous Improvement

- TPM audits and performance measurement
- Cultural change and sustainability
- Developing a long-term TPM master plan

Certification

Participants will receive a Certificate of Completion in Transformational Total Productive Maintenance (TPM) for Optimal Uptime, validating their ability to implement and sustain TPM initiatives that deliver measurable improvements in equipment reliability, productivity, and operational excellence.

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