

Continual Improvement Champion: Total Productive Maintenance (TPM) Method & Skills

This continual improvement course, “Total Productive Maintenance Method and Skills”, teaches you how to help teams get involved in creating/improving maintenance operations and processes and create fast and meaningful benefits in equipment reliability, labor waste and capacity!

TPM is a method that helps to:

- Reduce the “Six Big Losses” of equipment utilization: Unplanned outages, brief stops, running at low rate, production defects, reduced yield, and setup
- Increase the *safety and productivity* of your team
- Increase *capacity* of production
- Build *teamwork, ownership and understanding* in the equipment management and understanding of the equipment capabilities

Losses reduced: from 60% to 15%

Overall Equipment Effectiveness increased from 40% to 85%

DOUBLING CAPACITY!

(typical current state to world class operations)

Course Deliverables:

- **Training** in the WHAT, WHY and HOW of TPM, including its concepts, losses that are addressed, strategies (“pillars”) that are used to make improvement, measures of performance, a roadmap for implementation and a project template to guide success.
- **Application** knowledge through real-world applications that gains immediate results for the organization and application knowledge
- One-on-one **Coaching** during classroom exercises, during and after the application
- **Certification** based on classroom comprehension, application results, use of method, and team survey.
- And **membership** (one year free) into the Continual Improvement Community of practitioners

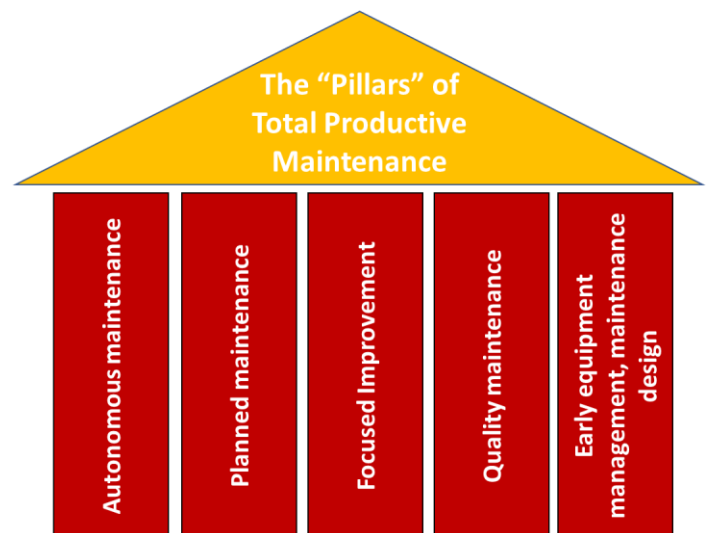


Course Goal:

To increase your TPM strategies knowledge and skills and ability to use TPM to decrease the “Six Big Losses”, improve equipment effectiveness, productivity, and safety, and continue progress to a culture of improvement.

Knowledge and Skills Gained:

- Ability to identify opportunities in each of the TPM pillars
- Ability to build a team that is prepared for the change, engaged in problem solving and actions, and owning the results and ongoing improvement



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- Understand each TPM strategy/pillar process, approach, and templates; learning in their application; how a TPM project is executed
- Understand the roadmap to follow from start to progression through the pillars based on a diagnosis and data from each
- Ability to successfully install the solutions, measure performance, and continually improve

Time Frame: (Training framework: tell, show, do, recycle; with simulation/role play/application)

- 3 classroom training days; 1 month of application
- 2 classroom training days; 1 month of application
- 2 classroom training days; application coaching and certification
- One-on-one coaching during training, during all application, and certification (on-site and telecom)

Who Should Participate?

- Continual Improvement Champions - those selected to create significant organization improvements and benefits by leading teams through eliminating specific wastes and problems with targeted improvement methods
- Prerequisites of CI foundational skills, Kaizen, and 5S

Agenda:
Module 1: 3 days classroom training
1. The WHAT, WHY and HOW of Total Productive Maintenance
2. How to get started; project chartering (using PrISM™) and creating the case for change
3. Measurement
4. Building the TPM team
5. Communicating the case for change
6. Details of TPM Pillars and the roadmap to establish them: <u>Autonomous maintenance</u>
Application (one month)
Module 2: 2 days classroom training
7. Details of TPM Pillars and the roadmap to establish them: <u>Focused Improvement</u>
8. Details of TPM Pillars and the roadmap to establish them: <u>Planned Maintenance</u>
Application (one month)
Module 3: 2 days classroom training
9. Details of TPM Pillars and the roadmap to establish them: <u>Quality maintenance</u>
10. Details of TPM Pillars and the roadmap to establish them: <u>Early equipment management/maintenance design</u>
11. Installing effectively and continual improvement
Certification (after completion of additional event/project lead by CI Champion)
▪ Pre-event review of event selection (Confirm/Prepare)
▪ Event documentation review and team survey & CERTIFICATION RECOGNITION!