

TOTAL PRODUCTIVE MAINTENANCE (TPM)

Introduction:

Total Productive Maintenance (TPM) is a maintenance program which involves a newly defined concept for maintaining plants and equipment. The goal of the TPM program is to markedly increase production while, at the same time, increasing employee morale and job satisfaction.

TPM was introduced to achieve the following objectives:

- Avoid waste in a quickly changing economic environment.
- Produce goods without reducing product quality.
- Reduce costs.
- Produce a low batch quantity at the earliest possible time.
- Send only non-defective parts to the customers

Course Objectives

This two-day interactive workshop will enable the participants to:

- Understand the concept and management philosophy of TPM as one of the foundations for Lean transformations.
- Learn the 8 pillars of TPM activities, TPM implementation strategy, roadmap and step-by-step approach.
- Learn the tools for TPM implementation and be able to identify and eliminate loss through TPM Implementation.
- Understand the roles and responsibilities of a TPM implementation organisations and the critical success factors.

Course Contents:

- Introduction to Total Productive Maintenance (TPM)
- Objectives and Benefits of a TPM Program
- TPM Principles
- TPM Tools
- Overall Equipment Effectiveness (OEE) and Loss Analysis
- Eight Major Pillars of TPM
 - Focused Improvement (Kobetsu Kaizen)
 - Autonomous Maintenance
 - Planned Maintenance

- Training
- Early Equipment Management
- Quality Maintenance
- Office TPM
- Safety and Health Management
- Roles and Responsibilities and Team Involvement in TPM
- Developing an Implementation Strategy and Plan
- TPM Implementation Roadmap
- Critical Success Factors for TPM implementation

Who Should Attend:

This workshop is highly beneficial for Managers, Engineers, Supervisors, TPM steering committee and other operational staff from production, manufacturing, engineering and maintenance.

Training Methodology:

Lecture, Workshop Activities, Group Discussion, Examples of applications of TPM tools, Case Studies of TPM activities and implementation.

Award of Certificate:

Participants will be issued with a Certificate of Successful Completion upon meeting 75% of the required course attendance.

Duration:

2 days (14 hours)

Course Fee:

\$550 nett per trainee (GST is not applicable).

(Course fee is inclusive of all training materials and light refreshments.)