

Essential Total Productive Maintenance (TPM)

Duration: 2 days

Course Overview

This training will provide participants with a good overview of the concepts and practical approaches in implementing an effective TPM program. It takes participants through in details the 8 Pillars of TPM and the TPM implementation roadmap. In addition, participants can identify production losses due to low Overall Equipment Effectiveness (OEE) and establish appropriate action plans.

Objectives

- Understand the origin and development of TPM, and its purpose and impact
- Define the difference between conventional maintenance versus the world class maintenance that is TPM
- Grasp in details TPM's 8 Pillars that is required for shop floor implementation
- Comprehend well the 8 major equipment losses
- Capture the correlation between equipment losses and OEE
- Have an overview of TPM and understand the roadmap.

Course Content

- Improvement Philosophies and relevance to TPM
- History and Development of TPM
- Objectives and Benefits of a TPM Program
- The 8 Pillars of TPM expounded in details:
 - Focused Improvement (Kobetsu Kaizen)
 - Autonomous Maintenance
 - Planned Maintenance
 - Training
 - Early Equipment Management
 - Quality Maintenance
 - Office TPM
 - Safety and Health Management
- 8 major equipment losses and measure of machine productivity –OEE
- Gantt Chart Schedule - TPM Implementation Roadmap.

Benefits Participants would be able to:

- Initiate a maintenance improvement program
- Understand equipment losses and take preventive actions
- Establish a company-wide implementation plan
- Improve machine downtime and enhance productivity
- Develop autonomous teams with ownership and commitment & form improvement teams.

Mode of Delivery

The course is Tutor-led, classroom training.

Audience/Pre-requisites

For Management, Engineers, Maintenance and Production professionals, responsible for development, implementation and/or improvement of the maintenance system.

Also, those responsible for enhancing production capacities in the company.