



# Total Productive Maintenance (TPM)

## COURSE DESCRIPTION

Total Productive Maintenance (TPM) is essential to ensure that your plant and machinery are reliable and don't breakdown. It is a fundamental tool for any company to ensure that they can hold minimum inventory, respond to customer needs quickly and be efficient. Total Productive Maintenance can help you to eliminate unwanted breakdowns, ensure that the up time of machines is as high as possible, reduce maintenance costs, increase machine efficiency, help to implement team working between functions. Based on techniques used all over the world the course outlines the importance of TPM to any organization. It then shows how to measure performance and understand where your issues are, and then the tools and methodologies associated with TPM.

## COURSE OUTLINE

- Introduction and admin
- Why is TPM essential in today's business
- The history of TPM
- Lean and the 8 wastes
- Introduction to 5S and visual management - getting your workplace in order
- Understanding the 6 big losses and how to address their root causes
- The basic concepts of TPM and its goals
- How to measure your current performance levels – Overall Equipment Effectiveness (OEE)
- How to collect accurate data
- Displaying, analyzing and understanding performance data – predicting failures
- Autonomous maintenance the 7 steps
- Roles and responsibility / cultural change
- Motivating the operators and building the team
- How to deploy a TPM program in your business and set targets and goals
- How to calculate the benefits of TPM to your organization
- Common mistakes and how to overcome them
- Wrap up

### Who Should Attend

- All who are involved in maintenance or production efficiency

**COURSE DURATION:** 5 Days

**TRAINING HOURS:** 20 hrs

**MINIMUM NO. OF TRAINEES:** 15

**LANGUAGE :** English / Arabic

