



Delivering business success through the continuous improvement of the capabilities of people and process

Total Productive Maintenance

THE NEED:

Modern manufacturing enterprises are a complex mix of people, products, processes and machines and during these times of cost-down pressures and limited capital for new equipment every effort must be made to optimise the performance of existing facilities whilst eliminating losses in the processes.

THE SOLUTION:

For more than 40 years the Japan Institute of Plant Maintenance (JIPM) have refined the TPM approach to create a company-wide culture for achieving maximum effectiveness of the entire manufacturing system. Industry Forum were the first non-Japanese organisation appointed by JIPM to manage the global spread of TPM through the prestigious TPM Excellence Awards.



skills ►► productivity ►► competitiveness ►► profitability



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Total Productive Maintenance – Training Programmes

Introduction to TPM – 1 Day Programme

Overview

This course gives an introduction to the concepts and methods that lie behind TPM. Using the tried and tested JIPM approach, delegates will learn that TPM is much more than a maintenance technique and how it can become an organisation-wide improvement programme.

Course structure

The course combines presentations, worked examples and practical application. Using a normal everyday example, a bicycle, some basic TPM concepts and techniques are explained and applied using our Learning by Doing approach.

Who should attend

The course is suitable for people who will be involved in the development, application and support of TPM within their organisation. It is aimed at all levels from junior staff to senior management.

Topics covered

Topics include

- Introduction to TPM
- 12 steps of deployment
- Overlapping small groups
- The 8 Pillars of TPM
- Basic concepts of TPM
- 16 losses and OEE
- Deterioration and reliability
- Achieving zero losses - accidents, breakdowns, defects.

Practical TPM – 4 Day Programme

Overview

This practical activity takes a progressive approach to applying TPM in a manufacturing environment. Building on the basic concepts at the heart of TPM the course gives a clear understanding of how TPM can develop into a company-wide improvement programme.

Course structure

The course is based around a simulated manufacturing process. This enables the practical application of the structured approaches covered during the course. The activity builds logically showing the cumulative effect of TPM which will aid application.

Who should attend

The course is suitable for delegates wanting to gain a detailed understanding of the concepts, structure and approach to TPM. It is aimed at those directly involved in the application of TPM. Ideally the company will have decided it intends to adopt TPM and candidates will understand the roles and responsibilities at all levels in the organisation.

Topics covered

Topics include

- The concepts of TPM
- 12 steps of deployment
- Overlapping small groups
- The 8 Pillars of TPM
- Focussed improvement
- Autonomous maintenance
- Planned maintenance
- Training and education
- Early equipment management
- Quality maintenance
- Office TPM
- Safety, health and environment.

THE RETURN ON INVESTMENT:

Whether delegates are plant managers or line supervisors, maintenance technicians or staff training officers, these two courses will provide the necessary depth of understanding for commencing a TPM programme, as developed by the Japan Institute of Plant Maintenance over the past 40 years.

NEXT STEP:

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