

Total Productive Maintenance



TPM is a proactive maintenance approach aimed at maximizing equipment effectiveness and minimizing downtime in manufacturing and operational environments. It emphasizes the involvement of all employees, from operators to management, in maintaining and improving equipment performance.

Overview: This class will discuss an overview of TPS and how it TPM is critical to any TPS implementation. We will review the history of TPM and how it compares to what most companies are doing related to maintenance. We will review the Four Stages of TPM and the Five Goals. There will be an in-depth discussion of OEE or Overall Equipment Effectiveness and how to calculate OEE. From there we will review common issues related to maintenance and discuss countermeasures. We will do a TPM Gemba Walk and identify opportunities for TPM Implementation.

After taking this class attendees will be able to:

- Understand the connection between TPM and TPS.
- Understand the importance of Total Employee Involvement.
- Understand what OEE is and how to calculate it in your facility.
- Students will be able to discuss the Four Phases of Maintenance.
- Define the Five Goals of TPM.
- Be able to develop an Operator Walkaround
- Understand the importance of a Spare Parts Inventory and what parts would be important to have in stock and why.
- Identify the Obstacles to TPM

Who should attend? This class is designed for Management, Maintenance Technicians as well and Machine Operators. One of the goals of TPM is Total Employee Involvement so having representation from Management, Maintenance and Machines Operators is key.

Time Commitment? 8 or 16 hours

Course Outline:

- Overview of TPS
- How TPM supports TPS
- Benefits of TPM
- Understanding OEE
- Spare Parts Management
- Measuring TPM Results
- Gemba Activity –Define an Operators Daily Walkaround



61 7-71 0-7 03 3



JMillman@gbmp.org
www.gbmp.org



60 Austin Street
Newton, MA 02460