



# Total Productive Maintenance

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Total Productive Maintenance (TPM) is a process that maximizes the productivity of equipment for its entire life cycle and will extend the life of the equipment. Through the participation of all employees, TPM creates an environment that encourages improvement efforts in safety, quality, cost, delivery, and creativity.

In order to be sustainable, TPM must be a continual process that involves people, engages their creativity and expertise, and maximizes overall equipment effectiveness. TPM is a vehicle to empower people, without each of these pieces, TPM is at best incomplete.

Topics include:

- Overall Equipment Effectiveness (OEE)
- Maximizing Equipment Capacity
- TPM Implementation Process

## Objectives:

- Explain how the TPM process is integrated with other Lean tools to increase productivity.
- Gather and analyze Overall Equipment Effectiveness (OEE) data to determine equipment constraints.
- Know what constitutes the six major equipment-related losses and how to minimize them in order to increase OEE.
- Know how implementation of the TPM process fosters improvement efforts in safety, quality, delivery, cost, and creativity by all employees.

