



ASQ CRE Prep course

Lesson VI. A. 2. b.

Maintenance Strategies

TPM

TPM Elements

- **A goal to maximize equipment effectiveness**
- **A plan to establish preventative maintenance for each piece of equipment**
- **Every department helping to implement TPM**
- **Everyone committed**
- **Operators in small groups actively practicing TPM**



TPM Throughout the Organization

**The goal is zero
breakdowns and zero
defects**

**Maintenance shared
with equipment
operators**



6 Big Losses

- 1. Equipment breakdowns**
- 2. Setup & Adjustment**
- 3. Idling & minor stoppages**
- 4. Speed reduction**
- 5. Process defects**
- 6. Startup yield penalty**



Is TPM different
than quality
circles?



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Maintenance Strategies

Allocation