TPS for Maintenance
Lean Manufacturing

Continuously pursue optimum streamlining throughout the entire system through the elimination of Muda (non-value added work/waste), build quality in at the process, and achieve continuous cost reduction.

Customer First!

TPS

*Highest Quality * Lowest Cost * Shortest Lead Time*

Jidoka
Achievement of Quality

Right First Time

Pokayoke

Andon

JKK
(Jikotei Kanketsu)

Just-In-Time
Achievement of Productivity

Right Skill Now

Pull System

Takt Time

Stabilized Work

Heijunka

Standardized Work — Event → **Problem Solving** — Setting → *Kaizen*

TOYOTA WAY

Continuous Improvement   *Respect for People*

Maintenance Virtual Value-Added Product

1 unit of Production Takt Time Availability

TOYOTA Earns Profit
By reducing the Cost of Manufacturing

The Most Important Role of Maintenance
Keep the Line Running *Without Breakdown*

3M's of Trouble

MURA Unevenness
MURI Overburden
MUDA Non-Value Added

↓

7 MUDAS

C Muda of **Conveyance**
C Muda of **Correction**
M Muda of **Motion**
O Muda of **Over Production**
O Muda of **Over Processing**
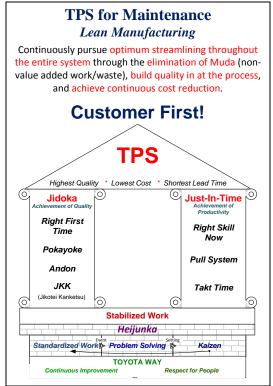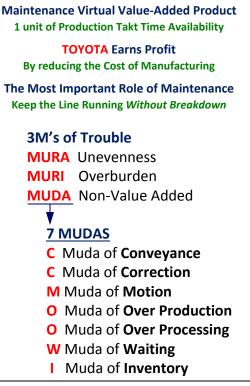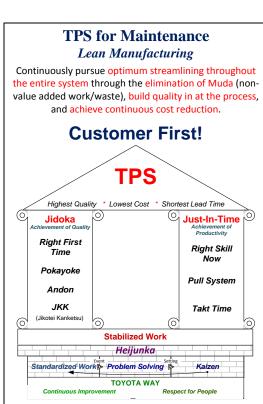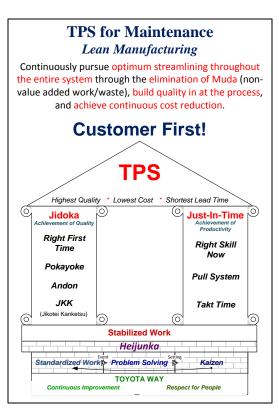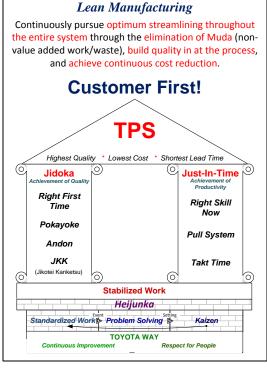**W** Muda of **Waiting**
I Muda of **Inventory**

Maintenance Virtual Value-Added Product

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The Most Important Role of Maintenance
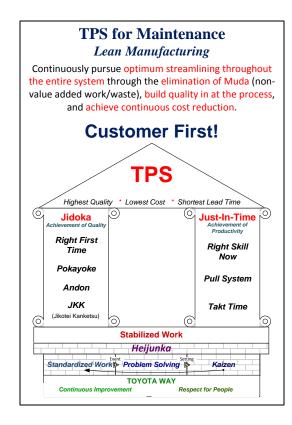
Keep the Line Running *Without Breakdown*

3M's of Trouble

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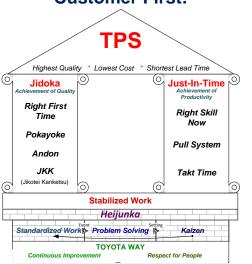**MURI** Overburden
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