WELCOME
Lean in Washington – The Basics!
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Today We’ll…

• Hear how we define Lean in Washington state
• Gain insight into our state’s journey
• Learn about common Lean tools or terms
• Understand that Lean is much more than tools
• Reflect and take action toward future learning
History of Lean
Washington State’s Journey

Practitioners & Private Partners

Training & Projects

Results Washington EO 13-04

Every Employee a Problem Solver, Every Leader a Coach

Lean is how we work and get results

Keep Advancing

2012

2013

2018

2019+
Lean is...

a way of leading and working,
built on respect and humility,
that uses continuous improvement,
to produce great results for customers.
Lean is for EVERYONE every day.
Way of Working

Lean is for everyone every day.
Human Experience Matters

- Respect
- Humility
- Diversity
- Problems are good
- Ok to make mistakes
Customers
Change for the BETTER
You don’t have to use foreign or technical terms to be able to use Lean.
Consistency

Principles

PREScriptive
FLEXible
gPDCA

- Grasp the Situation
- Plan
- Do
- Check/Study
- Adjust/Act
8 Wastes
Mapping
Problem Solving

Managing to Learn — A3 Example #3: Reducing Assembly Defects — Mary’s Case

Title: Reduce Scratches in Assembly

1. Background
   - Device-K is our next main product!
   - Increase in variety of mounting/casing types
   - Quality is a key success factor in assembly as well as in the chip process

Data Analysis

2. Current state (Based on November data)
   - Device-K Sales Plan by Product Type
   - Sales Forecast
   - No. of Major Types 3-10

3. Target
   - Zero scratches! 15% to Zero
   - Reduce missed crimp 10% to Zero

4. Analysis
   - Scratches are most often identified at inspection: 47% of assembly defects
   - Most scratches are repaired by re-pointing = Waste!
   - 92% of defects were caused by Assembly!

5. Countermeasures and plan

6. Result & next challenge
   - Remaining Defects
     a) Scratches (2%)
     b) Missed crimp (1%)
     c) Others
   - Why after current countermeasures
     a) Broken head - why?
     b) Burr - why?
Produce Great Results for Customers
Lean is a way of leading and working, built on respect and humility, that uses continuous improvement to produce great results for customers.
Take Action!
THANK YOU :)

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