

TRAINING OVERVIEW

Quick Productivity – Line Balancing

TRAINING



CONTENT / REMARKS

- Introduction to Lean Manufacturing
- 5S basic training
- Workplace design
- TIM WOOD – Muda Analysis
- Cycle Time / Takt Time / OEE
- Manual and machine time (waste & value added)
- Video Dynamic (times measurement)

Gemba Walk and Analysis

- Process measurement (Cycle time observation)
- Draw Takt time, cycle time bar chart
- Identify potential opportunities

Process Combination (Just Do It & Plan)

- Layout optimization
- Execution and simulation for just do it activities
- Line balance project plan

Run at rate

- Validation of defined activities (2 hours run at rate)
- Documentation of new process (Standard work)



TARGET GROUP

Project Management

Engineering

Quality

Logistics

Production

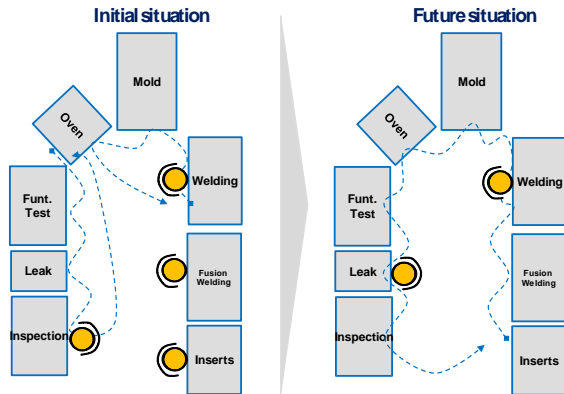
Maintenance



TOP GOALS

- ✓ Reduction of stoppage time due to changeover
- ✓ Increase of OEE indicators
- ✓ Reduction of set up downtimes
- ✓ Increase quality level
- ✓ Increase of production flexibility
- ✓ Machine set up standardization

Layout organization



INITIAL SITUATION

- Unbalanced workload: Processes running under expectations (low production, high inventory)
- Wrong layout and workplace design (Improper material flow, high transportation, high work in progress, etc.)