

# KAIZENS IN YOUR PLANT!

SIGN UP FOR THIS  
CUSTOM SEMINAR DELIVERED  
RIGHT AT YOUR PLANT!

**Some plants  
STALLED on  
the road  
to lean?**

**Others not  
at the  
STARTING  
BLOCK?**

**RESTART OR  
JUMP-START  
YOUR  
COMPANY'S  
LEAN  
PROGRAM**

For more information, contact:

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## The 5-Day Kaizen Process — Maximizing Production Flow

*Schedule an intense, in-depth, hands-on, in-plant workshop that lets you conceptualize, plan, and execute a Kaizen project – all in one week.*

### What You Can Expect

Tackle a real project – inside your plant – with teams focusing on a production area and analyzing the flow of work. Your ultimate goal by week's end: to balance a production line to the customers' needs using the concept of cell design and takt time. Guided by experienced coaches, you'll establish a rhythm to the production flow, establish one-piece flow, and abandon the work in process that may have been hiding production-system problems. Discover in hours – not weeks – how to implement improvements. (BONUS! Take home Kaizen forms and checklists to help you fight waste at your plant.)

### The Weeklong Kaizen Agenda

#### DAY 1 AM (CLASSROOM)

- Introduction
- The tools of improvement
- The concept of standard work
- Takt time; one-piece flow
- The importance of measurement
- Simulation of manufacturing
- Data collection; timing
- Introduction to process-improvement forms

**Kaizen teaches you to simplify complexity.**

#### DAY 1 PM (CLASSROOM)

- The Kaizen process
- Creating a cell in the simulation
- Process-improvement forms, revisited
- Forming teams; visiting the site
- Developing a plan of attack

**Begin by learning and applying the tools  
of Kaizen – the first day.**

#### DAYS 2 TO 4 (AT THE PLANT)

- Daily meetings: team leaders/coaches
- Activities:
  - Establish takt time where applicable
  - Analyze the work
  - Introduce the appropriate improvement tool: 5S, cell design, set-up reduction, or others
  - Measure current cycle times
  - Develop “as is” map of work flow
  - Implement new layouts that cut costs/improve productivity

#### DAYS 2 TO 4 (AT THE PLANT)

- Develop standard work
- Work with maintenance/others to create improved work flow
- Develop the first trial layout to get to one-piece flow
- Coaches/teams analyze approaches

**Discover what has to change at your  
plant – and where to begin.**

- Activities:
  - Find the underlying cause of problems
  - Develop a plan to tackle problems
  - Set agenda to tackle problems
  - Compare cycle times to takt time
  - Balance the line
  - Improve the layout (repeatedly)
  - Continue to remove waste and introduce world-class tools
  - Finalize the new standard work
  - Develop a report and presentation to plant management: process forms, Kaizen action sheets, Kaizen newsletter
- Document the work each day using the process improvement forms

#### DAY 5

- Each team presents results to plant management, UD associates, coaches

**Kaizen events begin early in the morning  
each day and run late into the evening.  
Bring a can-do attitude.**

# KAIZENS IN YOUR PLANT!

## Why Attend a Kaizen

- Reduce lead times
- Simplify production
- Eliminate waste
- Increase throughput
- Improve quality by implementing one-piece flow
- Reduce inventories
- Decrease floor space
- Establish standard work
- Decrease defect rates
- Learn how to produce more with less
- Produce easier, better, faster, and at least cost
- Remain competitive in a global economy

## Past Participants

- Aurora Casket Co.
- BF Goodrich
- BOSCH Automotive Motor Systems
- Cooper Hand Tools Division
- Copeland Corp.
- Delphi Energy & Engine
- Emerson Corp.
- Genzink Steel
- Graco Children's Products
- Honda of America Mfg.
- John Deere Consumer Products
- La-Z-Boy
- Lockheed Martin
- Modine Manufacturing
- Rubbermaid, Inc.
- Sherwin-Williams
- Stihl Inc.
- The Toro Company
- VDO North America
- The Wiremold Company

## Kaizen Coaches

These Kaizen coaches have more than 100 years of combined manufacturing experience and have completed nearly 3,000 Kaizen events across all kinds of manufacturing industries worldwide.

**Alan Lee** has led and participated in more than 200 Kaizen events at more than 50 facilities. He was instrumental in establishing a successful Kaizen continuous improvement program at Copeland Corp.'s Hartselle, Ala., facility, significantly increasing plant capacity, reducing inventory and lead times, and lowering product cost.

**Bill Pensworth** has participated in more than 800 Kaizen efforts around the world. He was instrumental in establishing successful Kaizen continuous improvement programs at Copeland Corp.'s Shelby, N.C., facility and Hartselle, Ala., facility, significantly increasing plant capacity, reducing inventory and lead times, and lowering product cost.

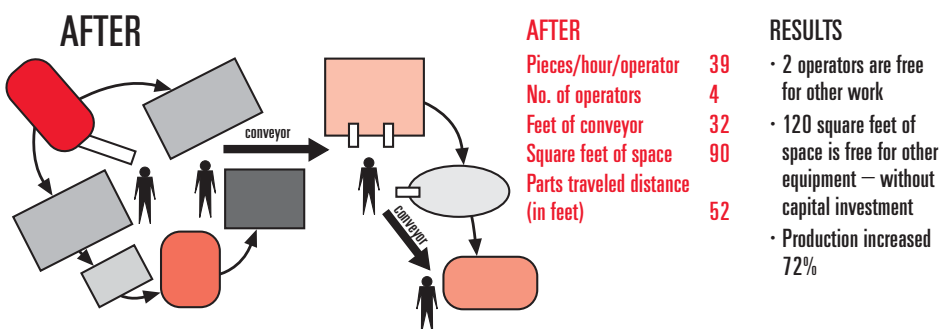
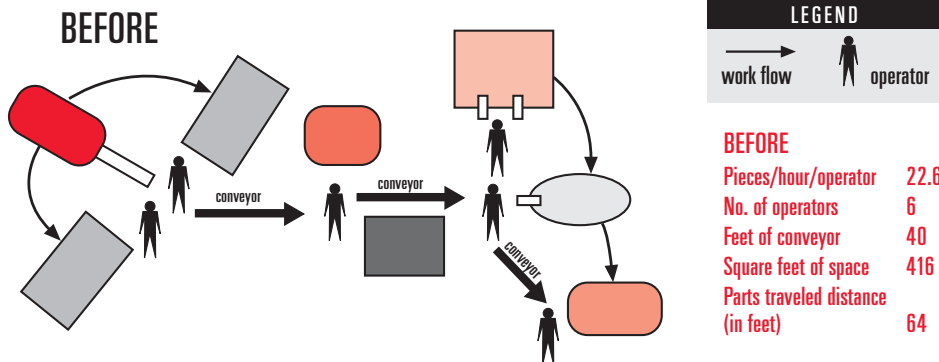
**Skip Quinlivan** was first exposed to Kaizen at Utica Tool in 1982, where he participated in six Kaizens under the direction of Shigeo Shingo. Since then, he has participated in more than 1,000 Kaizen events, including efforts at 40 Danaher Tool Group plants and 50 additional facilities.

**Mike Rowney** has worked with companies such as Alberta Power, Boeing, SmithKline Beecham, Burlington Northern Railroad, Nabisco, Fairchild Fasteners, Alcoa, Anheuser-Busch, Omark Industries, and Weyerhaeuser Paper Co. He has been trained as a lead assessor for ISO 9000 and has consulted in TQM.

**THIS SEMINAR IS AVAILABLE BY CONTRACT ONLY ON SITE AT YOUR PLANT.**

- **Make hands-on improvements**
- **Learn from our world-class Kaizen coaches, trained by Japanese masters**
- **Develop Kaizen facilitators to lead events back at your plant**
- **Extend your company's learning – pair lean plants with start-up plants**
- **Cross-train teams in the supply chain**

## Actual Results Achieved by a University of Dayton Center for Competitive Change Kaizen



**CREATE A FIRED-UP LEAN TEAM!**

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