

## **Lean Manufacturing OR Office Overview and Simulation**

The one day presentation will provide introduction and basic training in lean concepts, including application of tools in a simulation, to an audience of 7 -12 participants. The program will consist of a combination of classroom instruction with direct application of lean principles. Through direct application of the tools learned, the participants will be able to understand and demonstrate the opportunities and improvements created by transitioning from traditional batch processing to uninterrupted continuous flow.

We will put the audience to work on the “factory floor” of the “office area”. During the course of several phases--each introducing various lean tools--you can quickly and easily see for yourself how much smoother the process becomes. And you also find out the smoother the process, the better the results look. We will provide a workbook that discusses in detail all the concepts presented.

### **Program Objective:**

To provide introduction and understanding in the concepts of lean manufacturing or office including the following:

- The eight wastes
- Standardized work
- Workplace organization
- Visual controls
- Set-up time reduction
- Batch-size reduction
- Point of use storage
- Quality at the source
- Workforce practices
- Pull systems
- Calculation of takt time and line balancing for production to customer demand

### **Expected Benefits:**

- The company will have an introduction into lean which is an excellent precursor for launching a lean initiative. The program in itself is not designed to serve as “the training vehicle” for lean and should not be used in lieu of a formal training program.
- The company will come away with a basic understanding of the advantages of lean as well as lean tools and techniques.
- The company will experience hands on application of lean tools and techniques resulting in demonstrated lower costs/cycle time, increased profitability and customer satisfaction.

After companies have transitioned to lean, surveys indicate the following improvements:

- Reduction in manufacturing cycle time up to 90 percent.
- Improvement in on-time shipments up to 90 percent.
- Reduction of work in process up to 90 percent.
- Improve quality up to 50 percent.
- Reduction in floor space up to 75 percent.

## **Customer Feedback**

Mike provided the foundation for our Lean initiatives, taking our National Technical Service Center from ground zero to "full speed ahead" in all aspects of "Lean" within a few months.

If you really want to impact your organizational efficiency, bring Mike in for the anti-batch, "Lean" training, provide a strong leader, and watch your organization bloom.

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