



LEAN 101 with Live Simulation

Overview

In this interactive eight-hour training, your team will learn how to apply the key principles of Lean to your manufacturing processes. High-retention learning is accomplished through both classroom time and four rounds of simulation. Each round of simulation is followed by classroom learning focused on the basic building blocks of Lean Manufacturing; participants then work as a group to modify their simulation work environment based upon their newly-acquired knowledge. Metrics are calculated between rounds to quantitatively measure incremental results of the improvements as the group evolves into a Lean organization.

Project Objectives:

- The basic principles of Lean
- How to identify and eliminate waste
- How to begin implementing Lean practices
- How to modify the organization of your workplace to streamline the flow of people, products, and information

Logistics

The day will run approximately as follows (start time is flexible):

8:00	Welcome
8:10	Introduction to Buzz Electronics
8:30	Simulation, Round One
9:10	Introduction to Lean Thinking: Definition, Value-Added, Eight Wastes
9:45	Break
10:00	Lean Tools – Part I: Standardized Work, Visual Controls, Workplace Organization, Plant Layout
10:20	Simulation, Round Two
11:30	Lean Tools – Part II: Set-up Reduction, Batch Size Reduction, WIP and Inventory Reduction, POUS, Quality at Source, Workforce Practices
12:00	Lunch
12:30	Simulation, Round Three
1:30	Lean Tools – Part III: Pull Systems, Cellular, Takt Time, Management Commitment and Readiness
2:30	Simulation, Round Four
3:30	Workshop Summary: Costs of Implementation, Review Key Benefits of Lean, Discussion of Company Issues
4:00	Conclude