

# **Supermarket-Pull with Kanbans / Hazunka.**

## **Workshop Content**

This 2 day workshop develops knowledge and skill for deploying pull-scheduling systems to be used where continuous flow is not yet possible. Participants will learn how to determine appropriate levels of inventory needed to maintain production schedules with minimum waste. Participants will learn how to develop and deploy kanbans/ Hazunka for real-time shop floor scheduling and inventory management. Participants will also learn how to determine the cost savings realized from supermarket-pull scheduling.

## **Who Should Attend**

This workshop is intended for Lean/Six Sigma Champions and Black Belt Candidates responsible for planning, organizing and completing Lean/Six Sigma Projects.

## **Prerequisites**

This is the fourth workshop in the Lean/Six Sigma Training Series. Participants must have completed Champion Training; and, have produced current and future state value stream maps, prior to enrolling in this program.

## **Workshop Materials**

Each participant will receive a Lean Scheduling Manual that contains all workshop materials.

## **Workshop Goals**

This workshop is intended to develop understanding of supermarkets, pull scheduling and Kanban / Hazunka. This workshop will develop knowledge and skill for deploying supermarkets & Kanban / Hazunka to control inventory levels and to schedule the production and delivery of raw materials, work-in-process and finished goods inventories. This workshop will provide the opportunity to practice the deployment of supermarket pull systems using Kanban / Hazunka in a live manufacturing, assembly or purchasing process. This workshop will provide instruction to identify and quantify the cost savings from the improved inventory control and production scheduling performance resulting from the use of pull scheduling.

## **Workshop Outline**

- Introduction to Pull Systems
- Introduction to Supermarkets
- Introduction to Kanban / Hazunka
- Introduction to Heijunka (leveling)
- Determining Appropriate Inventory Levels
- Designing Supermarkets
- Creating Kanban / Hazunka for Production Scheduling & Inventory Control
- Determining Cost Savings from the Supermarket Pull System
- Management and Continual Improvement of the Supermarket Pull System