GBMP Implementing Kanban – Pull Systems

"PULL" PRODUCTION (ALSO REFERRED TO AS KANBAN) USES "SIGNALS" TO DRIVE PRODUCTION AND/OR PROCUREMENT BASED ON ACTUAL CUSTOMER REQUIREMENTS AS OPPOSED TO FORECASTS. THE CLASS INCLUDES A HANDS-ON SIMULATION THAT CONTRASTS A PULL SYSTEM TO THE MORE TRADITIONAL "PUSH" SYSTEM.

Overview: The class gives attendees an understanding of the key components of a pull system and sets the stage for them to be able to plan and implement a pull system on their own shop floor. It outlines the pros and cons of different pull systems and explains how pull prevents overproduction and associated wastes. This course is designed to show how pull systems can effectively link processes that cannot be combined to create continuous flow. Class time is set aside to allow attendees to engage in specific discussions of how to design and implement a pull system in their own processes.

After taking this class attendees will be able to:

- ✓ Describe the elements of a pull system and explain when a pull system should be used
- ✓ Explain how consumption at the downstream process drives production upstream
- ✓ Plan and set up a simple pull system and explain how kanban levels are arrived at
- ✓ Use a pull system to limit inventory levels and as a visual management tool
- ✓ Understand how continuous improvement is used to drive kanban levels lower and lower

Who should attend? This introductory course is appropriate for employees, supervisors and managers who are considering making the move from "push" to pull production. It is especially relevant for individuals who will be involved in designing, implementing or operating a pull system.

Time Commitment? 16 hours (a mix of classroom and shop-floor)

Course Outline:

- What is a Pull System?
- Benefits of Pull versus Push
- Components of a Pull System
- Simulating a Push and a Pull System
- Prerequisites for a successful Pull System
- Hands-on practice designing a pull system

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