



EMS Consulting Group

Lean Production Control and Inventory Management

Description:

Course :LPC01

This course will teach the implementation of a lean production control system in a factory. Learn when to hold finished goods and when to make-to-order; learn how to create and manage a finished goods supermarket; learn how to size supermarkets and trigger production; learn how to control batch processes upstream; and more.

The attendees will work through a case exercise and learn skills they can immediately apply to their workplaces.

Audience

This course is designed for manufacturing and plant managers, production control managers and supervisors, materials managers and analysts, manufacturing and industrial engineers, industrial managers, operations engineers, purchasing personnel, and anyone involved in the changeover to a lean operation.

Benefits

- Higher plant inventory turns
- Less WIP and Finished Goods inventory
- Fewer parts shortages
- Improved on-time delivery to customers
- Higher production output
- Less overtime
- Less expedited production

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Lean Production Control and Inventory Management (Cont.)

Outline

- The benefits of a lean production control system
- Finished Goods Warehouses v. Make-to-Order Operations
- Exercise
- How to Organize and control a finished goods warehouse
- Exercise
- How to schedule a value stream
- Exercise
- How to level production (heijunka)
- How to convey demand to the pacemaker to create pull
- How to Manage upstream Information and Material Flow
- How to size supermarkets
- Exercise
- How to setup and use Kanban systems
- How to control upstream processes
- Exercise
- How to expand your production control system
- Sustaining and Improving

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