



EMS Consulting Group

Lean Supply Chain: Extended Value Stream Analysis

Description:

Course: EVM01

This course will teach you how to extend lean manufacturing beyond your four walls into the entire supply chain or extended value stream. In this course, you will learn how to effectively identify and eliminate waste and sources of waste in the entire value stream, which includes suppliers and customers. You will learn how to map a current state extended value stream map, analyze the current state map and associated metrics, and create a future state extended value stream map. Then, you will learn how to implement the future state including identifying and evaluating suppliers, developing and/or changing relationships with suppliers, helping suppliers implement lean through value stream mapping and kaizen, and creating a supplier association that effectively sustains lean throughout the entire supply chain.

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 of Extended Value Stream Improvement

- The ability to plan and identify improvements for an entire supply chain.
- The ability to dramatically reduce inventory and improve lead-time throughout the entire supply chain.
- The ability to implement and sustain a lean supply chain that extends to customers and suppliers.

www.emsstrategies.com

888-291-9745

Copyright © 2004-2005 By EMS Consulting Group, Inc.



EMS Consulting Group

Extended Value Stream Mapping and Analysis (Cont.)

Outline:

- Lean and VSM Overview and Definitions
- Value Stream Identification
- Extended Current State Value Stream Mapping
- Current State Analysis/Mapping
- Class Exercise: Current State Map
- Types of Waste in an Extended Value Stream
- Creating a Lean Future State
- Mapping a lean future state
- Class Exercise: Future State
- Implementation Planning
- Supplier Selection and Evaluation Techniques
- Outsourcing Evaluation
- Value Stream Mapping at Supplier Sites
- Implementing Kaizen Events at Supplier Sites
- Sustaining and Improving a Lean Extended Value Stream
- Application to Client (on-site training only)

www.emsstrategies.com

888-291-9745

Copyright © 2004-2005 By EMS Consulting Group, Inc.

EMS_TRAINING_GUIDE_REV_11-05-05.pdf