

Workshop: Lean Material Management

About the Lean Factory Group and Leonardo Group Americas

The Lean Factory Group is an association of like-minded companies committed to Lean thinking and methods within their organizations and within industry. Members include: Bosch Rexroth, Orgatex, Leonardo Group Americas, and Toyota Material Handling.

Leonardo Group Americas is a Lean training and consulting company with offices in the US and Germany. LGA has worked on Lean projects with many of the world's leading companies, including John Deere, Boeing and Toyota.

Workshop Details

- Date:** December 11-13, 2012
3-Day Workshop
- Time:** 8:00 AM to 5:00 PM
- Location:** Toyota Material Handling USA
National Customer Center
5559 Inwood Drive
Columbus, IN 47202-3009
- Cost:** \$1,995/person, breakfast & lunch included.
Group discounts available.

Registration

Attendees will receive a complete copy of the **Lean Material Management Workbook**, a copy of **Fundamentals of Flow Manufacturing**, and a CD with all necessary forms, spreadsheets and checklists.

Register online at www.leanfactorygroup.com

Workshop Agenda

Learn from the Experts. This workshop is a unique partnership between Toyota Material Handling and Leonardo Group Americas. The methods presented in the workshop reflect the best material handling practices known today and the actual methods in operation on the Toyota factory floor, at one of *Industry Week Magazine's* Top 10 Plants of 2011. Tools and equipment are provided by Lean Factory Group members Bosch Rexroth and Orgatex.

Material Management Systems. The future of manufacturing belongs to multi-product manufacturing, and an important aspect of this strategy is the optimization of material delivery. Kanban, the method of choice, includes many different techniques, each appropriate for unique conditions. The focus of this workshop is to present all of the main Kanban methods, and apply them immediately in a simulation environment. Understanding will also be confirmed through two plant tours at Toyota, where the methods can be viewed live.

Physical Implementation. Students learn best by doing, and this Lean Material Management Workshop will include the actual implementation of all of the Kanban tools in a simulation environment. Participants will design a material delivery system, including Kanban supermarkets and workstation design, and then bring the material delivery system live.

Lunchtime Q&A. Managers and engineers from Toyota and Leonardo Group Americas will host a lunchtime Q&A session on the workshop topics, to take further advantage of the time available.

Toyota Plant Tours (2). This program includes two tours of the Toyota Material Handling plant, with a special focus on the material management system in place at this leading factory. The topics for each day will be confirmed by a visit to the shop floor, to see these tools in action.

This workshop is graciously hosted by Toyota Material Handling USA.



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