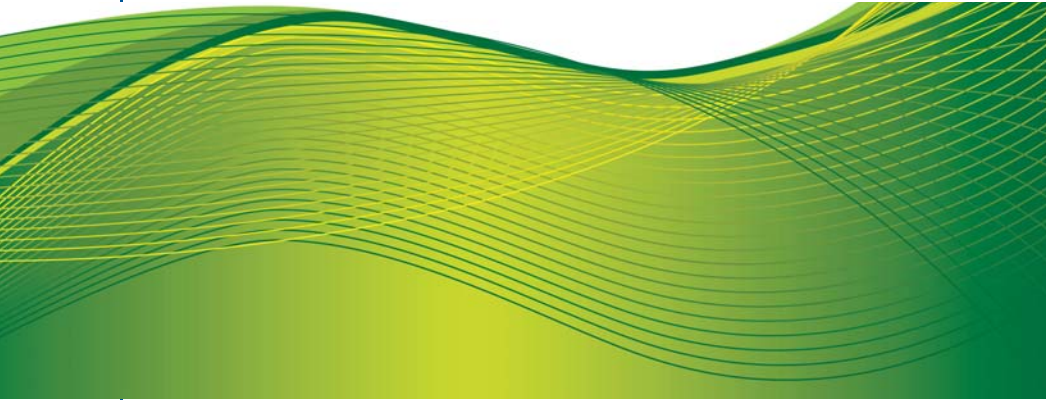


LEAN AND GREEN MANUFACTURING



Training a Green Collar workforce...

Combining Lean and Green methodologies is fast becoming one of the foremost methods to cut costs, increase productivity, retain jobs and implement sustainable practices, while minimizing the impact on the environment.

As with Lean, "Green thinking" requires a change in focus and within the culture. This training is designed to begin the change.

Objective

Raise workers' awareness of the important of becoming more environmentally focused, educate people at all levels in the company to ask pointed questions and make decisions based on sustainable criteria.

Approach

The two-day event combines training and mentoring -

- Overview of Lean principles
- Learn to see "Green" opportunities
- Learn to develop Lean/Green value stream map
- Interactive team activity on the shop floor to identify Lean and Green opportunities
- Facilitated brainstorming and prioritizing opportunities
- Developing and implementing action plans for change

After one month, the company will be revisited to see the results of the implementation and outline the next stage for growth.

"This type of activity leads to additional opportunities through a shift in mindset - enabling everyone to look at our daily processes - in the office or in the plant - in a new way and identify ways to continuously improve.

CONNSTEP has given us the Green tools to complement our SYNCHRO Program, reducing our impact on the environment while saving us money."

Bob Castonguay
SYNCHRO Improvement Services
TRUMPF

LEAN & GREEN - PATHWAY TO SUSTAINABILITY

Training a "Green Collar" Workforce

Agenda

Day One

- 8:30 AM **WELCOME, OVERVIEW AND OBJECTIVES OF THE SESSION**
- 8:45 AM **LEAN OVERVIEW**
Brief overview of Lean wastes, trends, principles and methods
- 9:30 AM **INTEGRATING LEAN AND GREEN**
- Implications for Lean trends of Green issues
 - Multiplying Lean benefits by incorporating Green issues
- 10:00 AM *Break*
- 10:15 AM **LEARNING TO SEE GREEN OPPORTUNITIES**
Training and an interactive exercise in preparation of the activity on the facility floor
- 11:00 AM **MAPPING THE PROCESS**
Understanding how to use value stream maps and process maps to identify opportunities
- 12:00 PM *Lunch*
- 1:00 PM **INTRODUCTION TO FACILITY EXERCISE**
- Review process to identify opportunities for Lean and Green
 - Develop a value stream map
- FACILITY EXERCISE**
- Shop floor tour and observations
 - Brainstorming and prioritizing opportunities
 - Report out

Day Two

- 8:30 - 4:00 **FACILITATED KAIZEN EVENT**
- Review prioritized opportunities
 - Select top one or two
 - Develop action plan
 - Begin implementation



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