

Agenda
Lean and Environmental Management Systems (EMS) Integration Workshop
National Shipbuilding Research Program
Environmental Technologies Panel Meeting

Thursday, June 2, 2005, 8:45 – 12:30 PM
Sheraton Norfolk Waterside Hotel, 777 Waterside Drive, Norfolk, VA

Workshop Objectives:

- Review the purpose, structure, and benefits of an environmental management system (EMS).
- Learn the principles of lean thinking and how lean production relates to EMSs.
- Discuss opportunities for environmental health and safety (EHS) professionals to connect to lean initiatives and improve environmental performance through lean-EMS integration.
- Identify recommended next steps for EPA and NSRP related to lean and EMS integration.

8:45 Review of Workshop Objectives and Structure (15 minutes)

9:00 Review of Environmental Management Systems (15 minutes)

- Review the purpose, structure, and benefits of formal environmental management systems (e.g., an ISO 14001 EMS)

9:15 Introduction to Lean Production and the Environment (1 hour)

- Presentation and Question & Answer Session on:
 - What is lean production
 - How lean and EMS compare
 - How lean can add value to EMS
 - How EMS can add value to lean

10:15 Break (15 minutes)

10:30 Discussion of Opportunities to Improve Environmental Performance and Management through Lean-EMS Integration (90 minutes)

- Examples of how organizations within and outside of the shipbuilding sector have successfully integrated lean and environmental management approaches
- “Entry points” and strategies for integrating EMS and lean methods

12:00 Next Steps Discussion and Workshop Evaluation (30 minutes)

- Identify actions that EPA and/or NSRP could take to improve environmental performance related to lean and EMS
- Complete workshop evaluation

12:30 Adjourn