

CLEAN MANUFACTURING



Clean is smart business - today and for the future.

Clean Manufacturing is part of a continuous improvement strategy helping manufacturers improve their productivity, profitability and competitiveness.

Clean seamlessly integrates with Lean Manufacturing practices to optimize processes resulting in improved environmental, worker health and safety and energy performance.

Generating waste costs money. You pay for it three times over – when you buy it, when you process it and when you dispose of it. CONNSTEP's Clean Manufacturing program will show you how improved environmental performance and increased profitability go hand in hand. Using environmental best practices to eliminate the "other wastes" is the next logical step in the Lean transformation.

The benefits of Clean Manufacturing include:

- Reduced scrap and rework
- Reduced hazardous wastes
- Improved environmental performance
- Prevention of compliance and liability costs
- Reduced quantity of raw materials, resource and energy required to realize your product

CONNSTEP's Clean Manufacturing experts can help you eliminate waste at its source, meet regulatory requirements and maximize the effective use of your resources.

"After working with CONNSTEP, we began using Clean and Lean Manufacturing techniques to reduce waste and decrease rework costs - saving us hundreds of thousands of dollars."

Tim Backus
President
Har-Conn Chrome

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CONNSTEP's Clean Manufacturing Solutions

- Material and resource selection and optimization
- Process improvements
- Energy conservation and management
- Water conservation
- Assessments and audits
- Regulatory compliance
- ISO 14001: Environmental Management System



The Green Suppliers Network Process Improvement Program

The Green Suppliers Network is a collaborative venture among industry, the U.S. Environmental Protection Agency and the U.S. Department of Commerce's Manufacturing Extension Partnership (MEP), offering subsidized Lean/Clean Manufacturing projects for manufacturers.

The GSN Program combines environmental considerations and Lean Manufacturing techniques to enhance process efficiencies, which can lead to substantial environmental and economic benefits.

GSN projects include:

- Top level assessment with estimate of cost saving opportunities;
- Value stream and process maps to identify sources of waste;
- Facilitated opportunities session; and
- A final report with recommendations and cost benefit analysis.

www.greensuppliers.gov

"The GSN program is beneficial to Steelcase Inc., because it helps our suppliers find opportunities to reduce costs while reducing waste. It certainly helps Steelcase when our suppliers are able to support innovative, sustainable product development projects for us in a cost-effective manner.

Suppliers who focus on being Lean strengthen their own financial position, which ultimately strengthens ours. We cannot make our products without our suppliers and we cannot make them sustainable without our suppliers' cooperation and creativity.

Suppliers who understand this message – such as those who have successfully participated in the GSN program—are those with whom we are more likely to establish a long-term relationship."

Mary Ellen Mika
Steelcase, Inc.

About CONNSTEP

CONNSTEP has built a reputation as Connecticut's leading resource for manufacturing businesses. Since 1994, CONNSTEP has provided consulting and training solutions to over one-third of Connecticut manufacturers. We help companies see past the problem and to the solution - our focus is on measurable results and achieving economic impact for our clients. We offer cost-effective solutions for top-line growth and operational efficiency and are committed to building a long-term relationship with you and your company to address and solve your business needs.



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