



CONNSTEP: Helping Business Reduce Waste & Liability

CONNSTEP

Who is CONNSTEP?

- A consulting organization that helps small and midsize Connecticut companies take advantage of expert business solutions to compete and grow profitably
- CONNSTEP operates as a fee-for-service 501(c)(3) non-profit
- One of 59 affiliate organizations connected to the national network of Manufacturing Extension Partnership (MEP) organizations

Focus on Manufacturing



- October is manufacturing month!
- Showcasing products made in CT and the manufacturing community's contributions.

made-in-ct.com



Lean & Green Manufacturing Training

Program Objectives

- Cross the streams of Lean thinking and Green principles
- “Learn to see“
- Solid & Haz waste, Electricity, Gas, Oil, Rare Gases, office & shop floor
- Quantify & incentivize & implement
- In last 21 months all have had an ROI >100%

Chemical & Process Waste

- Three projects

1. Chemical waste

- \$150,000 savings per year

2. Order entry

- \$4,200 savings per year
- Reduction of 2,000 hours per year
- Eliminated 233 printouts

3. Laboratory samples size

- \$7,500 savings per year



\$161,700 savings

SQG to CESQG

- Three projects
 1. Solvent parts cleaning
 - Change in shape & size of cleaning bath
 - Eliminated 10 of 12 bath changes (F001)
 2. Nitrogen use
 - \$50,000 saved per year with valve install
 - Reduction of 40% labor
 3. Thermo / Humidistat control
 - \$1,000 savings per year

\$60,000 savings

Energy Reduction

- Potential energy savings of \$50,000
 - Compressor leaks
 - Motors running
 - Weather stripping
- Potential green savings \$100,000
 - Pallet recycling
 - Cardboard reuse

\$150,000 savings

Other Services for Business

- Energy & Sustainability
 - Performance Benchmarking (GRI, CDP, ASHRAE, etc...)
 - Project Management
 - Green Product Development
 - Process improvements
 - Energy & water conservation and management
 - ISO 14001 & 50001 Environmental Management System (EMS)
 - OHSAS 18001 Occupational Health and Safety Management System

Other Services for Business

- Enterprise Growth Services
 - Business Assessment
 - Strategy Development
- Quality
 - ISO 9001 Quality Standards
 - Aerospace, Automotive, Medical Device, Environmental Standards
- Continuous Improvement
 - Lean Manufacturing
 - Lean Office
 - Product Development

CONNSTEP

- Mitch Kennedy, ND, CEM, LEED-AP
- Sustainability & Energy programs
- mitch.kennedy@connstep.org
- direct: (860) 712-4792
- office: (800) 266-6672