

Specialty Printing Sustainability Initiative Highlights

Contact: Francis Poirier, Sr. Vice President /Operations at Specialty Printing

Website: <http://www.specialtyprinting.net>

Primary business: Labels, Tags, Medical Devices, Printed Electronics

Environmental objectives or summary of sustainability mission statement:

Specialty Printing is committed to excellence and leadership in protecting the environment. In keeping with this policy, our objective is to reduce waste wherever possible. We strive to minimize adverse impact on the air, water and land through pollution prevention, paper recycling and energy conservation. By successfully preventing pollution at its source, we can achieve cost savings, maintain a safe and healthy workplace for our employees and improve the environment.

Sustainability Initiative:

To systematically eliminate all waste in our company and train our people to eliminate their waste at home. (Waste is not just trash, it is anything that is non-productive.)

Major Goals:

- Recycle our heat off the presses and use it to heat and cool the building by using a heat exchanger.
- Continue to purchase energy efficient equipment.
- Compost all compostable waste.
- Become an Energy Star rated plant.

Major Accomplishments:

- Became a Zero to Landfill plant
- Our material went to a landfill and we now send it to IPP and they have it made into fuel bricks to be used in place of coal or oil.
- Reduced total waste by 25% or 716,731 lbs
- Reduced total down time by 67% or 760 hrs by utilization of our TPM program
- Reduced the set-up time of our equipment by 1400 hrs per month
- Reduced internal quality issues by 76% or \$150,000
- Recycled 1,829,975 lbs of pressure sensitive waste
- Reduced water consumption 50% by installing a parts washer
- Heat the warehouse with the air compressor reduced natural gas 42%
- Installed a chemical recycler that eliminates the need to send things out to be reclaimed
- Installed motion sensors throughout the building to turn the lights on and off
- Participated in the Business Sustainability Challenge by North East Utilities
- Eliminated 98% of all disposable cups and we now use reusable cups and mugs
- Painted the roof with an aluminum paint to reflect the heat from the sun during the summer

Lesson(s) Learned:

- The definition of Lean is the elimination of all waste. What better way could there be to be green?

- Need to educate everyone in the company on how and what to recycle and why this is important.
- To help get everyone onboard with recycling all cans, bottles, metals and wires that we recycle, we used the money for a company cookout.
- 80% of what is in a landfill could be used for waste to energy