



Maryland Green Registry MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

Braswell Precision

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Precision and Production Machine Shop

Member since October 2010

Management and Leadership

Environmental Policy Statement

Braswell Precision Inc. is committed to reducing its impact on the environment. We will strive to improve our environmental performance over time and to initiate additional projects and activities that will further reduce our impacts on the environment.

Our commitment to the environment extends to our customers, our staff, and the community in which we operate. We are committed to:

- *Comply with all applicable environmental regulations;*
- *Prevent pollution whenever possible;*
- *Train all of our staff on our environmental program and empower them to contribute and participate;*
- *Communicate our environmental commitment and efforts to our customers, staff, and our community; and*
- *Continuously improve over time by striving to measure our environmental impacts and by setting goals to reduce these impacts each year.*

Environmentally Preferable Purchasing

We use System 4 Ever to clean our floors. We have a "System 4 Ever Green Program" that provides cleaning services to customers that reduce chemical usage, energy waste, resulting in better air quality.

Our vendor, Unifirst, which washes our mops and rags, uses eco-friendly cleaning supplies. The company also washes in bulk, which uses less water, and has invested in water recycling at the plant.

We use an Energy Star efficient air conditioner in our inspection room and purchase recycled office products. We will also be looking at more Green Seal products.

One of our vendors, Safety-Kleen, recycles more than 200 million gallons of used oil annually, eliminates 331,000 tons of greenhouse gases, and saves the carbon-emission equivalent of 220,000 cars. They collect and recycle the solvent we use to clean our parts. We are also currently looking at Safety-Kleen to collect our coolant as well.

Environmental Restoration or Community Environmental Projects

Our Sustainability Director is volunteering at DC's Green Festival and will be looking at other opportunities to get involved.

Independently-Audited Environmental Management System

Braswell Precision participated in the MDE/UMMAP EMS Implementation Program in 2010 - 2011.

Waste

Solid Waste Reduction and Reuse

We reuse cutting tools until they are no longer functional. When our electrical discharge machine (EDM) cutting machine wasn't sharp enough to do its job, we began using it for deburring, rather than throwing it out.

We use a service that washes our mops and rags for reuse and we ship products in reused boxes and reuse bubble wrap and Styrofoam peanuts. We also encourage employees to bring in their own coffee mugs or reuse the cups provided by the company. We purchase Deer Park's 5-gallon recyclable jugs and ask that employees use their own cup, rather than using individual water bottles.

Recycling

Through BPI's continuing policy changes and employee training, we have been able to increase our recyclable materials 23% in the first half of 2010. Our projected level for the second half of 2010 is 43% due to adding recycling centers in the work and lunch areas of the facility. We encourage recycling by having

strategically placed recycling bins throughout the shop. One of our employees even brought in recycling bins. We also collect old cutting tools for recycling. One of our vendors recycles our scrap metal and another vendor recycles our coolant.

Hazardous Waste/Toxic Use Reduction

We switched from an oil-based coolant to a water based coolant. We have also implemented a just-in-time purchasing policy to reduce the chance of expired inventory which must be discarded.

Transportation

Efficient Business Travel

We minimize the number of trips and shipments by combining shipments and ship out products that are too far to deliver by car.

We also increase the efficiency of our business travel by implementing teleconferencing whenever possible.

Fleet Vehicles

Our fuel consumption has decreased an average of 34% per company automobile, due to the replacement fuel economy models our facility now utilizes. For instance, to cut fuel costs, one manager has switched from a 17.5 mpg company truck to a 23 mpg company car.

Energy

Energy Efficiency

Our energy usage has decreased 16% in the first half of 2010 from 2009 due to a more energy efficient roofing system installed in December 2009.

Machines and lights are shut down when not in use. Our printers have power savers in them so they automatically turn off when they have sat idle for awhile and we have consolidated office equipment by using one multi functional printer for everyone in the shop.



Help build a greener, more sustainable Maryland through voluntary practices that reduce environmental impacts and save money.

Learn more at www.green.maryland.gov/registry

