



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.

Lion Brothers Company Inc.

10246 Reisterstown Road

Owings Mills, MD 21117

410-363-1000

www.lionbrothers.com

Manufacturer

Member since June 2012

Management and Leadership

Environmental Policy Statement

Lion Brothers is committed to:

- *Implementing sustainable practices throughout the organization*
- *Educating and training our workforce on key principles of sustainability*
- *Recycling waste in our offices and manufacturing facilities*
- *Incorporating the use of natural and/or recycled materials wherever appropriate*
- *Utilizing the resources of suppliers to offer recycled products*
- *Working to improve our sustainability efforts and minimize our impact on the environment.*

Environmental Team

Lion Brothers is a participant in RMI's Green Team Energy Conservation program, a pilot for Baltimore County manufacturers. RMI's Green Team funding has been provided by Baltimore County under a U.S. DOE energy conservation grant.

As a part of its green initiative, Lion has established a self-directed green team to ensure a sustainable commitment to energy conservation. The members of the Green Team participated in a twelve-week training program in order to provide instruction in measuring and evaluating energy usage, promote behavior change, instill the value of energy conservation and sustainable principles and create an action plan for continued sustainability efforts throughout the Company.

Environmentally Preferable Products and Services

Sustainable Product Design: In order to ensure that every attention is made to utilize sustainable materials and processes, Lion has implemented a product review in the initial development stage. Lion's product development teams review designs, materials, technical objectives and application considerations with the customer up front. Together we make sure that every effort has been made to minimize the impact on the environment before the sample process begins.

Restricted Substances and Hazardous Materials: Lion's objective is to ensure that our products are manufactured free from restricted substances and hazardous materials.

Lion Brothers has been granted Oeko-Tex® Standard 100 certification status. Authorization to use this mark indicates that the materials used in Lion products have met the human-ecological requirements of the standard presently established.

Environmentally Preferable Purchasing

Supply Chain Initiatives: Lion's global sourcing team actively collaborates with suppliers on ways to align our raw material supply chain objectives in order to deliver sustainable and eco-friendly products.

Waste

Recycling

Lion Brothers currently recycles:

- *Paper/Cardboard/Corrugated*
- *Plastic bottles*
- *Plastic spools*
- *Aluminum cans*
- *Shrink wrap*

Lion continues to look for more opportunities to recycle and to use recycled products.

Energy

Energy Efficiency

Lion Brothers has:

- *Conducted a leak detection survey and repaired approximately 35 leaks throughout the facility, resulting in an estimated saving of 28,168 kWh.*
- *Installed a 7 day programmable thermostat on the office HVAC rooftop unit.*
- *Installed a digital, programmable time clock on each of the 3 air handling units, resulting in an estimated savings of 68,765 kWh per year.*
- *Plant Air Compressor – estimated saving 93,800 kWh per year*
 - *Turned off compressors nights and weekends*
 - *Re-piped equipment more directly to main compressor*
 - *Reduced use of backup compressor*
- *Adjusted equipment schedules and shut off unnecessary equipment to reduce energy consumption, resulting in approximately 34,245 kWh savings.*
- *Approved the implementation of a Lighting Efficiency proposal that will reduce production lighting by approximately 77% or 147,480 kWh per year. From an environmental standpoint (based on EPA conversion of 1 kW = 1.37 lbs of CO₂), this represents*
 - *acid rain emission reduction 11,061 lbs of SO_x*
 - *smog emission reduction 5,309 lbs of NO_x*
 - *2,134 barrels of oil not consumed*
 - *198 cars off the road*
 - *104,478 gallons of gas not consumed*
 - *planting 764 acres of carbon reducing pine trees.*



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

