



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.

Phoenix Mecano Inc.

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<http://www.pm-usa.com/index.htm>

Manufacturer

Member since May 2012

Management and Leadership

Environmental Policy Statement

Phoenix Mecano, Inc is committed to reducing its impact on the environment. We implement practices and initiate projects and activities that make efficient use of natural resources, materials and energy.

Examples of Initiatives at PM-USA Frederick

Initiating and maintain environmental sustainable practices throughout our business processes:

Conserving Natural Resources

- *Use efficient lighting*
- *Light motion detectors and timers in the Warehouse and Office areas*
- *Use programmable thermostats to regulate climate during off hours*
- *Correctly dispose of waste diluted acids and oils*
- *Reduce amount of machine coolant used by filtration and circulation of soluble oil*
- *Use of low Volatile Organic Compound (VOC) paints*
- *Compact and recycle all cardboard, plastic bottles, paper, and aluminum cans*
- *Recycle aluminum and metals*
- *Collect, shred and recycle office and confidential papers*
- *Install compressed air system upgrades to improve efficiency of system*
- *Improve efficiency of Powder Coat oven and reduce waste in paint cleaning process*

- *Meeting or exceeding applicable International, Federal, State and local environmental regulations*

Strive to be Paperless

- *Install central printers*
- *Minimize hard copy print outs*
- *Printers set to black and white double sided printing*
- *Electronic storage of documents rather than hard copies*

Phoenix Mecano strives to educate, train and advocate eco-friendly practices
 ○ *in the workplace, at home and in the community.*

Environmental Team

Environmental Focus Group

Team: Philip Brown President CEO

Malcolm Senior – Quality Manager / H&S representative

Anne Buckman – Lean Production Manager

Chris Howes – Purchasing & Logistics Manager

Christian Prantl – Production Manager

Purpose: To initiate, co-ordinate, report and communicate sustainability efforts that impact the bottom line

Meetings are held quarterly.

The group determines projects, status and metrics for sustainable projects.

Annual Environmental Goals

We strive to be paperless.

Waste

Solid Waste Reduction and Reuse

In striving to be paperless, we have installed central printers which are set to print black & white double sided. We encourage electronic storage of documents rather than hard copies.

We have also introduced a CRM computer system to save printing, Customer communication is maintained within the computer system accessible to relevant employees.

We have purchased a laptop and projector to use for meetings rather than printing hard copies of documents for all meeting attendees.

We will be developing a metric for the reduction of paper use as well as ink cartridges purchase and recycling.

Recycling

Aluminum – Scrap, off-cuts and rejects from processes are all recycled through Potomac Metals. We average 4,000 lbs per month.

Cardboard – Project was initiated in 2012 and data collection is in process. We have a cardboard compactor on lease for all packaging and cartons from receipt of product which cannot be cut up and used on final product packaging or internal use.

Paper – All paper is collected via bins strategically placed around offices and manufacturing area. Confidential paper is collected, shredded and recycled.

Hazardous Waste/Toxic Use Reduction

We have reduced the amount of coolant waste by increasing the life of soluble oil coolant in CNC machining centers.

We have reduced the amount of waste paint gun cleaner by using a closed loop `Crystal Clean` wet paint gun cleaning unit.

Energy

Energy Efficiency

We have reduced the amount of electricity used by changing types of fluorescent tubes installed in production and warehouse areas. We added sensors and timers to warehouse aisles and throughout offices saving of 3.3% of KWH from 2007 – 2011.



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

