



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.

Hamilton Associates, Inc.

HAMILTON

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Manufacturing
Member since February 2016

Management and Leadership

Environmental Policy Statement

Hamilton Associates' stated purpose is to improve the world through responsible manufacturing. This is expressed not only through the enduring products we manufacture for meaningful applications, but also in the way in which we conduct our business. In keeping with this purpose, the Company has drafted the following Environmental Policy.

Hamilton Associates, and all related entities, will conduct its operations and manage all phases of its business in a manner that is environmentally responsible and befitting of a good neighbor and corporate citizen. This commitment is consistent with, and helps to reinforce, several of our stated values: our Lean approach to management, respect for people, and our standards of integrity and community responsibility. We commit to protect human health, natural resources, and the environment by continuously reducing our waste production and energy consumption in the course of our operations.

The Company thereby adopts the following objectives to further this aim:

- 1. We will maintain strict compliance with all applicable environmental laws and regulations, as well as any voluntary commitments we might make in our local, supplier, or customer communities.*
- 2. We will eliminate, or reduce to the maximum practical extent, the release of contaminants into the environment; first through pollution-prevention practices (giving the highest priority to waste prevention at the source), elimination or reduction of wasteful practices, and finally recycling.*

3. *We will effectively communicate with the Company's employees, suppliers, regulators, and customers, as well as the surrounding community, regarding our environmental performance.*
4. *We will periodically set sustainability and energy reduction goals, and review and demonstrate continuous improvement in our facilities' environmental performance, including in areas not subject to regulations.*
5. *We will assign management responsibility for ensuring that all employees are aware of their individual responsibilities in accordance with this policy, and for providing training that helps foster our goal of continuous improvement with respect to sustainability and energy conservation.*

This policy provides the framework for setting and reviewing Hamilton Associates Inc. environmental objectives and targets. The policy is reviewed periodically by the Green Team and the Executive Committee, communicated to all persons working for or on behalf of Hamilton Associates, and available to the public on request.

*Douglas Hamilton, III
Chief Executive Officer*

Environmental Team

The Environmental team is comprised of employees from Facilities Management, Purchasing, Engineering, Production, and Quality. Our mission is to promote and implement improvements consistent with the Environmental Policy, and the Hamilton Associates Vision Statement, throughout Hamilton Associates and all of its divisions and affiliates. The Team meets monthly to review the status of current initiatives and future plans.

Environmentally Preferable Purchasing

Hamilton Associates has moved in a direction to require RoHS (Removal of Hazardous Substances) compliance for the components that we are currently purchasing for assembly into our electronic products. Compliance with the RoHS initiative controls the allowable limits of Cadmium, Lead, Mercury, Hexavalent Chromium, Polybrominated Biphenyls, and Polybrominated Diphenyl Ethers that can be present in our products or used by our vendors.

Waste

Solid Waste Reduction and Reuse

- *Hamilton has changed the packaging method from Styrofoam peanuts to recyclable air pillows reducing the cost, warehousing space, and*

environmental impact. The cost savings of this action is \$1,783 annually and there is an estimated savings of 99% with respect to shipping and warehousing space prior to use. Additionally, the pillows can be deflated and are recyclable reducing the volume entering the waste stream.

- *Hamilton's larger components are now being received from vendors in plastic and wire reusable containers instead of cardboard gaylords on wooden skids.*
- *Additional products are still being received into our facility on wooden pallets. Hamilton is currently planning to reduce the impact of these pallets to the waste stream through additional agreements with vendors to ship in reusable containers or by locating an appropriate recycling facility than recycle them.*



Recycling

Single stream recycling has been implemented at Hamilton Associate's corporate office. We are now recycling paper, cardboard, metal, glass and plastics in compliance with Baltimore County requirements. The program was initiated as a result of identifying through a "dumpster dive," that approximately 30% of our waste was recyclable. Recycling containers were placed at all desks in the office area and at additional locations through the manufacturing area. In an effort to encourage more recycling, the number of waste containers throughout the facility has been reduced.

In addition to single stream recycling, Hamilton Associates has implemented a battery recycling program. Collection containers for used batteries have been placed centrally in the office and manufacturing areas in order to ensure that they are handled properly and are not disposed of in the waste stream.



Hazardous Waste/Toxic Use Reduction

Hamilton Associates has developed and implemented a process whereby ductile iron chips from our machining operations are now being recycled. This reduces our waste as well as the potential environmental impact of machining fluids that remain on the chips. We have determined that this effort will prevent 36 tons of iron chips per year from entering the waste stream

Energy

Energy Efficiency

Hamilton Associates is saving approximately 20% of its energy usage as a result of updating our HVAC systems, upgrading our lighting, improving our building controls, and repairing compressed air leaks.

We are also pursuing additional energy savings through a plan to upgrade all local fluorescent lighting at the workbenches in our manufacturing facility, with LED lighting. An energy usage audit was also performed after hours which identified equipment that was not powered off for the facility shut down. Additional savings will be realized through updating our closing procedures to address shutting off this equipment.

Water

Water Conservation

We are currently planning a replacement of all toilets within our corporate facility. Existing units will be replaced with low flow equipment which will result in a reduction of our water usage.

Profile Updated April 2017



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

Learn more at green.maryland.gov

