



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.

H.G. Roebuck & Son, Inc.



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Printing

Member since July 2014

Management and Leadership

Environmental Policy Statement

H.G. Roebuck & Son is committed to be a good example of principled corporate social responsibility. H.G. Roebuck & Son has been certified for sustainable paper usage through both SFI and FSC paper chain of custody.

We operate in an environmentally sensitive and responsible manner and in compliance with all local and federal regulations; using them as a baseline, not just a goal. We pursue continuous improvement and best practices in our environmental performance, reducing our waste, recycling our excess material, and reducing our carbon footprint.

We make available to our clients products that are environmentally sensitive. We monitor and measure operations continually to help assure that practices conform properly by using an environmental management system, and we continually involve ourselves to improve the community in which we live.

Our goal is to continue to maintain unparalleled service and steadfast printing standards as we evaluate and implement practices that allow our company to meet its environmental and civic missions, and effectively utilize and help preserve our resources.

Environmentally Preferable Products and Services

Our company is recognized by both the Forest Stewardship Council (FSC) and the Sustainable Forestry Initiative (SFI) for our efforts in forest management

through environmentally friendly purchasing. FSC and SFI are recognized as worldwide leaders in helping maintain responsible forestry management practices. We have also printed many educational materials on environmental sustainability and 'green' practices, and will continue to do so moving forward.

Environmentally Preferable Purchasing

Our company purchases all of its raw paper materials from responsible sources, and when possible uses FSC and/or recycled stock for common projects. Our largest supplier recently installed solar panels which reduced their energy consumption by 60%. Additionally, we purchase basic cleaning and janitorial supplies that have recycled and environmentally friendly content, and we require our landscapers to use environmentally friendly products as well to maintain the local outdoor environment.

Environmental Restoration or Community Environmental Projects

This past Earth Day, company employees and executives alike spent the day clearing trash and debris from the forested area around the plant.

Waste

Solid Waste Reduction and Reuse

Film printing techniques have been completely eliminated from the company's processes. We now operate fully on heat press systems that use 100% recyclable aluminum plates as opposed to traditional, non-recyclable film materials. This is also a more cost-effective option as film materials cost approximately \$90,000/year to purchase.

Recycling

The company recycles all excess paper and aluminum that gets used in the printing process. This is about 1.5 tons of aluminum and 50 tons of paper every month, and due to the company's agreement to recycle our excess materials, we get on average \$4,500 back for those materials every month. Every pound of paper is accounted for and either used or recycled helping us produce nearly zero unusable production "waste".

Hazardous Waste/Toxic Use Reduction

By eliminating film materials from the plant's pre-press processes, the company has reduced the inherent silver disposal issues and solvent usage that

accompanies those practices. Silver waste has since been removed altogether, and new printing technologies have significantly reduced the solvent usage. This saves the company money both by reducing what needs to be purchased and by reducing the amount of hazardous materials that need to be disposed of.

Energy

Energy Efficiency

The company recently installed a “cool roof” over a significant part of our building. This has already reduced air conditioning costs and energy usage. We have also volunteered ourselves for the EnerNoc program to help conserve energy usage on the grid.

Water

Water Conservation

About 15 years ago, the company purchased and installed a water chilling unit from McQuay International (unit no. AG050BH27-ER11). This unit conserves water by recycling it within the plant as opposed to standard in-out press cooling techniques. This change has resulted in a more than 4000% decrease in water usage as the company, which used to use approximately 3.4 million gallons of water every year; now we use only 85,000 gallons/year. This has saved the company an average of about \$11,000 on its water bill every year, which over the span of time the company has had the cooling unit, means it has saved us more than 35 million gallons of water and \$120,000 in total.

Profile Updated December 2021



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

Learn more at green.maryland.gov

