



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.

Bumper Globe Collision Centre

1845 S. Hanover St.

Baltimore, MD 21230

443-708-8352, 443-759-5138

www.bumperglobe.com

Collision Repairs and Refinishing

Member since December 2010

Management and Leadership

Environmental Policy Statement

Bumper Globe Collision was established in 2008 with extensive environmental planning and with a start up budget in mind. We are dedicated to making sure our repair processes and equipment meet the highest standards for environmental protection as well as to meet OSHA and NFPA 33 requirement. We are constantly researching new ways to change the industry as well as the way we interact with our environment.

Annual Environmental Goals

- *On going training to keep environmental conscious. Maintain scheduled spray booth and prep station filtration system changeover.*
- *Implement plan to add layers to the controlled environment to keep the air byproduct contained or funneled to extra set of filtration.*

Waste

Recycling

Scrap metal, plastic and paper are categorized and recycled to the appropriate disposal center.

Hazardous Waste/Toxic Use Reduction

- *We use an eco-friendly, low VOC paint system by PPG Envirobase which is used to refinish the collision damaged cars with capability to duplicate OEM refinishing quality.*
- *We use a Resolv-R2 solvent recycling device to convert wasted solvent, which goes into distilling bags for proper disposal after baking cycling. This eliminates the need to store the wasted solvent into drums.*
- *Solvent will be eliminated completely from our shop when PPG comes with an improved version of low VOC waterborne clear coat this fall 2010. VOC 2.0 achieved.*
- *Bumper Globe Collision is registered with MDE for a permit to have a state-of-the-art full downdraft baking spray booth and two prep stations installed. They are certified by NFPA 33. The multi level filtration system (intake & exhaust) purifies the waste element of paint transfer up to 90 – 95%. We also utilize high volume low pressure (HVLP) spraying guns to produce fine mist to keep the VOC level low whenever possible.*

Energy

Energy Efficiency

- *The office ceiling lighting converted to LED.*
- *Retrofitted all 8-foot-long T12 fluorescent lights to more energy efficient LED lights in November 2015.*
- *PC station, monitor, & facsimile machine are all Energy Star.*
- *Energy efficient 3-phase Kaeser SM10 10 hp compressor has a built in air dryer and automatic cycling shutdown. When the air pressure reaches the optimization level, it stops and restarts when the air pressure drops under 65%.*
- *Additional insulation installed in the fall of 2011.*
- *Implemented some air tools to be replaced by lithium powered tools to minimize the electricity usage.*
- *Installed transparent full view bay doors around the shop entrance to produce natural light and reduce the electricity usage in summer 2013.*

Water

Water Conservation

- *We utilize a water-saving pressure washer in an attempt to reduce water usage rather than using a conventional water pressure nozzle. The pressure washing reduces the water usage by 50%.*

- *On-going employee training to maximize the water conservation.*

Stormwater Management and Site Design

The facility has a wash bay area with a drainage pit/grease interceptor box installed at the time of roughing in. Baltimore city has a regulation that any water run off is not permitted from reaching outside of the shop environment. Wasted water from floor/car washes is being contained inside the wash bay area.

Other

- 2009 Green Business Award recipient of Baltidome Green News
2014 EPA Source Rule Training certificate (40 CFR Part 63, Subpart HHHHHH,
National Emissions Standards for Hazardous Air Pollutants)*

Profile Updated January 2016



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

