



Abrasive Blasting

**REGULATIONS: Hazardous Waste, Solid Waste,
Industrial Stormwater, Air**

Regulatory Requirements

- Determine if your blast wastes are hazardous and manage as required in Maine Hazardous Waste Management Rules 850-857
- Non-hazardous waste must be managed as required in Maine's Solid Waste Management Rules Chapters 400-425
- Contain, collect and manage all blast wastes as required under General Permits for Certain Wastewater Discharges, Ch. 529 (Industrial Stormwater)
- Limitation of visible opacity required by Visible Emissions Regulation Chapter 101; all processes with possible emissions of regulated air pollutants must be managed as required by Maine's Air Licensing Rules (Chapters 115 and/or 140) and all applicable federal regulations

Control Measures

- While sand blasting a boat, enclose the boat to help capture debris and spent blasting media from escaping into the environment and mixing with stormwater. Routinely clean stormwater conveyances of deposits of abrasive blasting debris. Spent blasting media is always considered a Special Waste and sometimes Hazardous Waste depending on the project. Spent blasting media must be contained in a sealed labeled container and disposed of properly.
- Blasting must not take place over open water or during windy conditions.
- During sanding activities, a vacuum sander or other device must be used to completely collect and contain dust particles. This minimizes particles entering the environment and mixing with stormwater.
- Drop cloths, tarps etc. must be used under the scraping area to contain any debris.
- Sand blasting/sanding activities and material storage areas (including waste material storage areas) must be included in the facility's SWPPP (Stormwater Pollution Prevention Plan), areas must be identified on the SWPPP site map and must be inspected monthly.
- Monthly inspections include dust collection systems and routine testing of equipment and systems to uncover conditions that could cause breakdown or failure resulting in discharge of pollutants to the environment.
- At least monthly, clean stormwater conveyances of any deposits of abrasive blasting debris.

