

**TCEQ Coatings Sources  
Current Best Available Control Technology (BACT) Guidelines  
Planned Maintenance, Startup, and Shutdown**

**Abrasive Blasting Operations**

The information is maintained by the Combustion/Coatings Section and is subject to change. Last update 9/12.

<b>Year</b>	<b>Source Type</b>	<b>Pollutant</b>	<b>Planned MSS Activity</b>	<b>Minimum Acceptable Control</b>	<b>Control Efficiency or Details</b>
2012	Enclosed Abrasive Blasting	Particulate matter including PM, PM <sub>10</sub> and PM <sub>2.5</sub>	Media storage silos, hoppers or storage bin filter replacement.	Removal of spent filters in such a manner to minimize PM emissions and placing the spent filters in sealable bags or other sealable containers prior to removal from the site.	Bags or containers shall be kept closed at all times except for the addition of additional spent filters.
			Blast booth filter replacement.	Removal of spent filters in such a manner to minimize PM emissions and placing the spent filters in sealable bags or other sealable containers prior to removal from the site.	Bags or containers shall be kept closed at all times except for the addition of additional spent filters.
			Cleanup of spent abrasive blast media.	Collection and removal of spent or waste abrasive blast media in such a manner to minimize emissions and placing the waste in covered containers prior to removal from the site.	Activity should already be authorized in the permit. During cleanup the blast booth ventilation and control systems shall be operating. Containers shall be kept closed at all times except for the addition of additional spent or waste blast media.
	Non-enclosed Abrasive Blasting	Particulate matter including PM, PM <sub>10</sub> and PM <sub>2.5</sub>	Media storage silos, hoppers or bin filter replacement.	Removal of spent filters in such a manner to minimize PM emissions and placing the spent filters in sealable bags or other sealable containers prior to removal from the site.	Bags or containers shall be kept closed at all times except for the addition of additional spent filters.

Year	Source Type	Pollutant	Planned MSS Activity	Minimum Acceptable Control	Control Efficiency or Details
			Cleanup of spent abrasive blast media.	Collection and removal of spent or waste abrasive blast media in such a manner to minimize emissions and placing the waste in covered containers prior to removal from the site.	Activity should already be authorized in the permit. Spent media shall be collected regularly and placed in covered piles or containers. Containers shall be kept closed at all times except for the addition of additional spent or waste blast media.