

TCEQ Coatings Sources

Historical Best Available Control Technology (BACT) Requirements

Abrasive Blasting Operations

This information is maintained by the Mechanical/Coatings Section and is subject to change. Last update 9/2018.

Year	Source Type	Pollutant	Minimum Acceptable Control	Control Efficiency or Details
2008	Enclosed Abrasive Blasting	PM	The use of a fabric filter such as a baghouse or cartridge filter system.	Outlet grain loading of ≤ 0.01 grains/dry standard cubic foot or an efficiency of at least 99%. Air to cloth ratio should be based on manufacturers recommendations for the abrasive blast media being used and the fabric filter cleaning method used.
			Storage of waste materials in closed containers or in covered piles prior to disposal offsite.	
			Good housekeeping for spills.	
	Outdoor Abrasive Blasting	PM	The use of low dusting abrasives.	Coal slag, copper slag, steel grit or other media with a free silica content of less than 1.0%.
			The use of shrouds.	Shroud materials shade factor should be 85% or greater.
			Storage of waste materials in closed containers or in covered piles prior to disposal offsite.	
			Good housekeeping for spills.	