

TCEQ Coatings Sources

Historical Best Available Control Technology (BACT) Requirements

Coating Manufacturing 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	Process Piping, Mixers, Sand Mills, Dispersers, and Packaging	VOC and Exempt Solvents	Use of hard piping between process phases to reduce fugitive emissions caused by manual filling.	
			Use of covers on mixing containers. A tightly fitting cover with a minimum clearance for the disperser shaft should be in place during charging and mixing.	
			Use of totally enclosed sand mill.	
			Use of ventilation hoods and exhaust system to minimize fugitive emissions during packaging operations.	
			Minimize cleaning solvent usage. An effort should be made to recover and reuse cleaning solvent. Good housekeeping for spills.	
			Collecting and venting VOC to an add-on control device may be required for operations with VOC emissions greater than 80 tpy.	Efficiency of thermal control devices is 95% or greater.
		PM	Use of dust collector system such as a baghouse or cartridge filter to control PM emissions.	Outlet grain loading (\leq) less than or equal to 0.01 grains/dry standard cubic foot or an efficiency of at least 99%.