

TCEQ Coatings Sources

Historical Best Available Control Technology (BACT) Requirements

Degreasing 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	Hand Wipe Solvent	Exempt Solvent, VOC and Halogenated Solvents.	Use of low vapor pressure solvents, aqueous solutions.	A soiled wipe management system should consist of placing soiled wipes in sealable bags or the placement of the soiled wipes in closed containers that are located near the process equipment or workstations.
			Limiting amount of solvent dispensed to employees.	
			Implementation of a soiled wipe management system.	
			Good housekeeping for spills.	
			Storage of fresh and waste materials in closed containers.	
		HAPs	For all major sources of HAPs compliance with the applicable emissions standards in 40 CFR 63.	
	Remote Reservoir Cleaner	Exempt Solvent, VOC and Halogenated Solvents.	Use of low vapor pressure solvents, aqueous solutions.	Vapor pressure less than 0.6 psia at 100°F.
			Limiting the drain area of the cleaner.	Drain area shall be less than 16 square inches.
Good housekeeping for spills.				

Year	Source Type	Pollutant	Minimum Acceptable Control	Control Efficiency or Details
2008	Remote Reservoir Cleaner	Exempt Solvent, VOC and Halogenated Solvents.	Storage of fresh and waste materials in closed containers.	The solvent may exit the spray line through a nozzle or brush.
			If a solvent spray is used, it must be solid fluid stream and not a fine atomized or shower type spray.	
		HAPs	Meet the control requirements for exempt solvent, VOC and halogenated solvents	Drain area shall be less than 16 square inches. Solvent vapor pressure shall be less than 0.6 psia at 100°F. The solvent may exit the spray line through a nozzle or a brush.
	Cold Solvent Cleaner	Exempt Solvent, VOC and Halogenated Solvents.	Meet the control and work practice standards of 30 TAC 115.412(1) unless the unit qualifies for an exemption from these requirements under 30 TAC 115.417.	The units should be equipped with a cover, an internal parts drainage facility, a freeboard ratio ≥ 0.7 and work practices to minimize solvent dragout.
		HAPs	For all major sources of HAPs compliance with the applicable emissions standards in 40 CFR 63, Subpart T.	

Year	Source Type	Pollutant	Minimum Acceptable Control	Control Efficiency or Details
2008	Open Top Vapor Degreaser	Exempt Solvent, VOC and Halogenated Solvents.	Meet the control and work practice standards of 30 TAC 115.412(2) unless the unit qualifies for an exemption from these requirements under 30 TAC 115.417.	The units should be equipped with a cover, an internal parts drainage facility, automatic sump heat shutoffs, a spray safety switch, and work practices to minimize solvent dragout. For units that have an opening of greater than 10 square feet, a powered cover shall be used. The unit shall also include a freeboard ratio greater than or equal to (\geq) 0.75 or a refrigerated chiller, an enclosed design or a carbon adsorption system.
		HAPs	For all major sources of HAPs compliance with the applicable emissions standards in 40 CFR 63, Subpart T.	
	Conveyorized Degreaser	Exempt Solvent, VOC and Halogenated Solvents.	Meet the control and work practice standards of 30 TAC 115.412(3) unless the unit qualifies for an exemption from these requirements under 30 TAC 115.417.	The units should be equipped with a refrigerated chiller, drying tunnel or parts tumbling, automatic sump heat shutoffs, entrance and exit silhouettes, and downtime covers.
		HAPs	For all major sources of HAPs compliance with the applicable emissions standards in 40 CFR 63, Subpart T.	