

# TCEQ COATINGS SOURCES CURRENT BEST AVAILABLE CONTROL TECHNOLOGY (BACT) GUIDELINES

## DEGREASING OPERATIONS

This information is maintained by the Combustion/Coatings Section and is subject to change. Last update 10/2006

Year	Source Type	Pollutant	Minimum Acceptable Control	Control Efficiency or Details
2006	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 resealable 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 until recycled or removed from the site.	
			HAPs	
	Remote Reservoir Cleaner	Exempt Solvent, VOC and Halogenated Solvents	Use of low vapor pressure solvents, aqueous solutions	Solvent vapor pressure shall be less than 0.6 psia at 100°F
			Limiting the drain area of the cleaner	The solvent drain area shall be less than 16 square inches.
			If a solvent spray is used, it must be a solid fluid stream and not a fine atomized or shower type spray.	The solvent may exit the spray line through a nozzle or a brush.
			Storage of fresh and waste materials in closed containers	
			Good housekeeping for spills	
			HAPs	Meet the control requirements for exempt solvent, VOC and halogenated solvents
Cold Solvent Cleaner	Exempt Solvent, VOC and Halogenated Solvents	The control and work practice standards of 30 TAC §115.412(1) should be met 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 $\geq 0.7$ and work practices to minimize solvent dragout should be followed.	
		HAPs	For all sources of specified HAPs compliance with the applicable emissions standards in 40 CFR 63, Subpart T.	

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	Open Top Vapor Degreaser	Exempt Solvent, VOC and Halogenated Solvents	The control and work practice standards of 30 TAC §115.412(2) should be met 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 should be followed. For units that have an opening of greater than 10 ft <sup>2</sup> a powered cover shall be used. The unit shall also include a freeboard ratio ≥ 0.75 or a refrigerated chiller, an enclosed design or a carbon adsorption system.
			The use of low vapor pressure solvents.	
		HAPs	For all sources of specified HAPs compliance with the applicable emissions standards in 40 CFR 63, Subpart T.	
	Conveyorized Degreaser	Exempt Solvent, VOC and Halogenated Solvents	The control and work practice standards of 30 TAC §115.412(3) should be met 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.
			The use of low vapor pressure solvents.	
		HAPs	For all sources of specified HAPs compliance with the applicable emissions standards in 40 CFR 63, Subpart T.	