

TCEQ Coatings Sources

Historical Best Available Control Technology (BACT) Requirements

Printing 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	Offset/Non-heatset	VOC	Use low VOC blanket wash.	
			Use low VOC (alcohol substitutes) fountain solutions.	
			Use low VOC cleaning materials.	
			Storage of waste materials and shop towels in closed containers.	
			Good housekeeping for spills.	
	Heatset	VOC	Collecting and venting ink oil emissions (VOC) to an add-on control device for operations with VOC emissions of 25 tpy or more.	Minimum of 90% destruction efficiency for catalytic oxidizers and 95% for other thermal combustion devices.
			Use low VOC blanket wash.	
			Use low VOC (alcohol substitutes) fountain solutions.	
			Use low VOC cleaning materials.	
			Storage of waste materials and shop towels in closed containers.	
		Good housekeeping for spills.		

Year	Source Type	Pollutant	Minimum Acceptable Control	Control Efficiency or Details
2008	Flexographic	VOC	Use water-based (low VOC) inks.	Minimum of 90% destruction efficiency for catalytic oxidizers and 95% for other thermal combustion devices.
			Collecting and venting VOC to an add-on control device may be required for flexographic operations with VOC emissions greater than 50 tpy.	
			Storage of waste materials and shop towels in closed containers.	
			Good housekeeping for spills.	
	Rotogravure	VOC	Collecting and venting ink emissions to an add-on control device.	Minimum of 90% destruction efficiency for catalytic oxidizers and 95% for other thermal combustion devices.
			Storage of waste materials and shop towels in closed containers.	
Good housekeeping for spills.				