

## TCEQ Coatings Sources

### Current Best Available Control Technology (BACT) Guidelines

#### Printing Operations

This information is maintained by the Combustion/Coatings Section and is subject to change. Last update 05/2015.

Year	Source Type	Pollutant	Minimum Acceptable Control	Control Efficiency or Details
2015	Flexographic	VOC	Use of Chapter 115 (30 TAC §115.432) compliant inks unless using an alternate control device.	Inks must meet the requirements of 30 TAC §115.432(c) unless otherwise specified by the rule for named counties.
			Collecting and venting VOC emissions to an add-on control device may be required if VOC emissions are greater than 40 tpy (site-wide).	Thermal control device must achieve an efficiency of at least 98% or greater or a VOC exhaust concentration of 20 ppmv or less.
			Implementation of a soiled shop towel management system.	A soiled shop towel management system should consist of placing soiled shop towels in resealable bags or the placement of the soiled shop towels in closed containers that are located near the process equipment or workstations.
			Good housekeeping for spills.	
			Limiting amount of solvent dispensed to employees through a site-specific solvent management plan.	

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Year	Source Type	Pollutant	Minimum Acceptable Control	Control Efficiency or Details
2015	Flexographic	VOC	Storage of fresh and waste materials in closed containers until recycled or removed from the site.	
		HAPs	For all major sources of HAPs, compliance with the applicable emissions standards in 40 CFR 63, Subpart KK.	
	Rotogravure	VOC	Use of Chapter 115 (30 TAC §115.432) compliant inks unless using an alternate control device.	Inks must meet the requirements of 30 TAC §115.432(c) unless otherwise specified by the rule for named counties.
			Collecting and venting VOC emissions to an add-on control device may be required if VOC emissions are greater than 25 tpy (site-wide).	Thermal control device must achieve an efficiency of at least 98% or greater or a VOC exhaust concentration of 20 ppmv or less.
			Implementation of a soiled shop towel management system.	A soiled shop towel management system should consist of placing soiled shop towels in resealable bags or the placement of the soiled shop towels in closed containers that are located near the process equipment or workstations.
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2015	Rotogravure	VOC	Limiting amount of solvent dispensed to employees through a site-specific solvent management plan.	
			Storage of fresh and waste materials in closed containers until recycled or removed from the site.	
		HAPs	For all major sources of HAPs, compliance with the applicable emissions standards in 40 CFR 63, Subpart KK.	
	Offset/Non-Heatset	VOC	Use of Chapter 115 (30 TAC §115.442) compliant fountain solutions.	Fountain solutions must meet the requirements of 30 TAC §115.442(b)(2) or §115.442(b)(3) unless otherwise specified by the rule for named counties.
			Use of Chapter 115 (30 TAC §115.442) compliant cleaning solutions, including blanket wash.	Cleaning solutions, including blanket wash, must meet the requirements of 30 TAC §115.442(b)(1) unless otherwise specified by the rule for named counties.
			Implementation of a soiled shop towel management system.	A soiled shop towel management system should consist of placing soiled shop towels in resealable bags or the placement of the soiled shop towels in closed containers that are located near the process equipment or workstations.
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2015	Offset/Non-Heatset	VOC	Limiting amount of solvent dispensed to employees through a site-specific solvent management plan.	
			Storage of fresh and waste materials in closed containers until recycled or removed from the site.	
	Offset/Heatset	VOC	Use of Chapter 115 (30 TAC §115.442) compliant fountain solutions.	Fountain solutions must meet the requirements of 30 TAC §115.442(b)(4) unless otherwise specified by the rule for named counties.
			Use of Chapter 115 (30 TAC §115.442) compliant cleaning solutions, including blanket wash.	Cleaning solutions, including blanket wash, must meet the requirements of 30 TAC §115.442(b)(1) unless otherwise specified by the rule for named counties.
			Collecting and venting VOC emissions to an add-on control device may be required if VOC emissions are greater than 25 tpy (site-wide).	Thermal control device must achieve an efficiency of at least 98% or greater or a VOC exhaust concentration of 20 ppmv or less.
			Implementation of a soiled shop towel management system.	A soiled shop towel management system should consist of placing soiled shop towels in resealable bags or the placement of the soiled shop towels in closed containers that are located near the process equipment or workstations.
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