

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 5348A

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
5 Fan Scenario				
BTH1-2	Booths 1 and 2 and Solvent Wipe Off	PM/PM ₁₀	<0.01	<0.01
		VOC	15.96	7.23
INC-1	Oven 1, Booths 3-6 and Equipment Cleaning vented to a Thermal Oxidizer	CO	1.04	4.56
		NO _x	1.24	5.43
		PM/PM ₁₀	0.26	0.51
		SO ₂	0.01	0.04
		VOC	7.07	3.55
BTH7-8/OVN-2	Booths 7 and 8, Oven 2, and Solvent Wipe Off	CO	0.10	0.44
		NO _x	0.12	0.53
		PM/PM ₁₀	0.02	0.04
		SO ₂	<0.01	<0.01
		VOC	23.20	9.36
TNK-1	Pre-Treatment Heaters	CO	0.25	1.10
		NO _x	0.30	1.31
		PM/PM ₁₀	0.02	0.09
		SO ₂	<0.01	<0.01
		VOC	0.02	0.09
FAN-1	Roof Vent Fan No. 1	VOC	3.69	1.70
FAN-2	Roof Vent Fan No. 2	VOC	3.69	1.70
FAN-3	Roof Vent Fan No. 3	VOC	3.69	1.70
FAN-4	Roof Vent Fan No. 4	VOC	3.69	1.70

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FAN-5	Roof Vent Fan No. 5	VOC	3.69	1.70
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<i>2 Fan Scenario</i>				
BTH1-2	Booths 1 and 2 and Solvent Wipe Off	PM/PM ₁₀	<0.01	<0.01
		VOC	18.74	8.51
INC-1	Oven 1, Booths 3-6 and Equipment Cleaning vented to a Thermal Oxidizer	CO	1.04	4.56
		NO _x	2.04	5.80
		PM/PM ₁₀	0.26	0.51
		SO ₂	0.01	0.04
		VOC	7.07	3.55
BTH7-8/OVN-2	Booths 7 and 8, Oven 2 and Solvent Wipe Off	CO	0.10	0.44
		NO _x	0.12	0.53
		PM/PM ₁₀	0.02	0.04
		SO ₂	<0.01	<0.01
		VOC	27.35	11.27
TNK-1	Pre-Treatment Heaters	CO	0.25	1.10
		NO _x	0.30	1.31
		PM/PM ₁₀	0.02	0.09
		SO ₂	<0.01	<0.01
		VOC	0.02	0.09
FAN-1	Roof Vent Fan No. 1	VOC	5.77	2.66
FAN-2	Roof Vent Fan No. 2	VOC	5.77	2.66
ALL	Various (Site-wide)	Individual HAPs		<10.00
		Total HAPs		<25.00

(1) Emission point identification.

(2) Specific point source names.

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- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}
- PM₁₀ - particulate matter equal to or less than 10 microns in diameter
- CO - carbon monoxide
- HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (4) The 5 Fan Scenario represents all 5 building ventilation roof fans (EPNs FAN-1 through FAN-5 in operation. The 2 Fan Scenario represents only 2 building ventilation roof fans (EPNs FAN-1 and FAN-2) in operation.

Dated September 22, 2008