

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3126A

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
Primary Boiler				
2-107	Steam Generator B	CO	3.20	13.95
		NO _x	12.81	55.81
		PM ₁₀	0.46	1.99
		SO ₂	1.90	8.33
		VOC	0.26	1.12
Backup Boiler				
2-108	Steam Generator A	CO	3.19	13.95
		NO _x	12.74	55.81
		PM ₁₀	0.46	2.01
		SO ₂	1.90	8.33
		VOC	0.25	1.12
3-105	Solvent Tank 1704	VOC	15.72	0.17
3-106	Tank 1705	VOC	15.72	0.17
3-107	Tank 1706	VOC	23.31	0.27
3-108	Tank 1901	VOC	1.65	0.38
3-109	Tank 1902	VOC	1.65	0.38
3-110	Tank 1903	VOC	1.65	0.38
3-114	Propane Loading	VOC	0.81	3.53
3-115	PP Mix Solvent Tank	VOC	15.18	0.38

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			<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
3-143, 3-144A, and 3-144B	Extruder Feed Tank ½	PM ₁₀	0.04	0.18
3-147, 3-148A, and 3-148B	PP Pellet Dryers	PM ₁₀ VOC	0.02 **	0.10 **
3-149, 3-150A, and 3-150B	PP Classifiers	PM ₁₀ VOC	0.11 **	0.50 **
3-151 to 3-158	PP Preblend Test Silos	PM ₁₀ VOC	0.11 **	0.50 **
3-159 to 3-172	PP Silo Vent Filters	PM ₁₀ VOC	0.11 **	0.50 **
3-173 to 3-175	PP Blend Silos	PM ₁₀ VOC	0.11 **	0.50 **
3-176 to 3-178	PP Utility Silos	PM ₁₀ VOC	0.11 **	0.50 **
3-180	PP Loading Separator	PM ₁₀ VOC	0.07 **	0.30 **
3-189	Gas Heater A	CO NO _x PM ₁₀ VOC	0.01 0.09 0.01 <0.01	0.05 0.04 0.05 0.01
3-206	Burn Pit	CO NO _x PM VOC	85.30 11.81 0.10 122.50	1.10 0.18 0.10 1.02
3-209	PP Flare	CO NO _x VOC	238.83 33.07 350.00	38.47 5.33 56.66

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			<u>lb/hr</u>	<u>TPY</u>
3-210	PP Fugitives	VOC	5.62	24.62
3-211	PP Additives Vent Filter	PM	0.20	0.35
3-217	Eductor Exhaust	PM	0.01	0.01
3-218	Additive Storage Silo	PM	0.10	0.20
3-219	Additive Storage Silo	PM	0.10	0.20
3-300	Cooling Tower (4)	VOC	0.63	2.76
3-220	Weigh Bins Filters Vent	PM	0.15	0.45

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title30 Texas Administrative Code § 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 PM - particulate matter, suspended in the atmosphere, including PM₁₀
 PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
 CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day____Days/week____Weeks/year____or Hrs/year 8,760

** The combined maximum allowable emission rates for EPNs cited are 19.98 pounds per hour and

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			AIR DATA	CONTAMINANTS
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY

87.5 tons per year of VOC.

Dated March 3, 2004