

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 18384 and NA-TX-002

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**
70	Dryer No. 1	VOC (5)	15.90	
		PM	1.37	
		VCM	7.00	
71	Dryer No. 2	VOC (5)	15.90	
		PM	1.37	
		VCM	7.00	
72	Dryer No. 3	VOC (5)	15.90	
		PM	1.37	
		VCM	7.00	
83	Dryer No. 4	VOC (5)	20.00	
		PM	1.37	
		VCM	8.80	
89	Dryer No. 5	VOC (5)	20.00	
		PM	1.48	
		VCM	8.80	
90	Dryer No. 6	VOC (5)	20.00	
		PM	1.48	
		VCM	8.80	
92	Dryer No. 7	VOC (5)	26.50	
		PM	2.26	
		VCM	11.66	
70, 71, 72, 83, 89, 90, and 92	PVC Dryer Emission Caps: Production Lines 1 - 7	VOC (5 and 6)		356.44
		PM		46.86
		VCM		62.23

77A-H, 77J-N, and 77P-Y	PVC Storage Silos	PM VOC	0.59 0.40	2.58 1.75
77A-L-77H-L, 77J-L-77N-L, and 77P-L-77Y-L	PVC Loading	VOC	0.02	0.03
78A	Off-Loading Silos	PM VOC	0.01 0.01	0.01 0.01
78B	Off-Loading Silos	PM VOC	0.01 0.01	0.01 0.01
78A-L	Railcar Reloading Spot	VOC	0.01	0.01
78B-L	Railcar Reloading Spot	VOC	0.01	0.01
F-74	Process Fugitives (4)	VOC (5 and 6) VCM	6.85 6.52	30.01 28.57
88/140	Incinerator/Scrubber	VCM HCl SO ₂ NO _x PM CO VOC (5 and 6)	0.13 0.05 0.06 2.00 0.15 1.68 0.24	0.57 0.22 0.26 8.76 0.66 7.36 1.05
120	Cooling Tower 120 (6)	VOC	0.83	3.64
130	Solution Preparation	VOC	4.58	0.42
139	Gas Holder (6)	VCM	2.04	0.41
140	Gas Holder (6)	VCM	0.56	0.11

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- (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) 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
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1 (30 TAC § 101.1)
NO_x - nitrogen oxides
SO₂ - sulfur dioxide
CO - carbon monoxide
VCM - vinyl chloride monomer
HCl - hydrogen chloride
- (4) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (5) The maximum allowable total VOC emission rates include the allowable VCM emissions.
- (6) The VOC (including VCM) emissions subject to non-attainment new source review under NA-TX-002.

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

_____ Hrs/day ____ Days/week ____ Weeks/year or 8,784 Hrs/year

** Annual emissions are based on a rolling 12-month average.

Dated July 16, 2004