

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 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)	16.0	
		PM	1.37	
		VCM	7.0	
71	Dryer No. 2	VOC (5)	16.0	
		PM	1.37	
		VCM	7.0	
72	Dryer No. 3	VOC (5)	16.0	
		PM	1.37	
		VCM	7.0	
83	Dryer No. 4	VOC (5)	20.0	
		PM	1.37	
		VCM	8.8	
89	Dryer No. 5	VOC (5)	20.0	
		PM	1.48	
		VCM	8.8	
90	Dryer No. 6	VOC (5)	20.0	
		PM	1.48	
		VCM	8.8	
92	Dryer No. 7	VOC (5)	27.0	
		PM	2.59	
		VCM	11.7	
70, 71, 72, 83,	PVC Dryer Emission Caps:	VOC (5 and 6)		
	354.0			
89, 90, and 92	Production Lines 1 - 7	PM		48.3
		VCM		70.6

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
77A-H and 77J-X	PVC Storage Silos/Loading 1.5		PM	0.36
77Y	PVC Storage Silo/Loading	PM	0.05	0.22
77Z	PVC Storage Silo/Loading	PM	0.05	0.22
78A	Bagging Silos	PM	0.02	0.1
78B	Bagging Silos	PM	0.02	0.1
112A-E	Surge Hopper	PM	0.12	0.5
F-74	Process Fugitives (4 and 6) 37.01		VOC	8.45
88	Incinerator/Scrubber (6)	VCM	0.10	0.10
		HCl	0.01	0.04
		SO ₂	0.08	0.37
		NO _x	1.73	7.56
		PM	0.004	0.02
		CO	1.08	4.72
		VOC	0.1	0.38
120	Cooling Tower 120 (6)	VOC	0.8	3.5
139	Gas Holder (6)	VCM	2.04	0.41
140	Gas Holder (6)	VCM	0.56	0.112
73 A-K	Reactors	VCM	MAINTENANCE EMISSIONS ONLY	
76 L-M	Reactors	VCM	MAINTENANCE EMISSIONS ONLY	

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Emission	Source	Air Contaminant	Emission Rates *	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
73 N-O	PVC Reactors 13 and 14 MAINTENANCE		VCM	
			EMISSIONS ONLY	
75	Flare (7)		MAINTENANCE/ EMERGENCY USE ONLY	

(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.

VOC - volatile organic compounds as defined in 30 Texas Administrative Code (TAC) Section 101.1

NO_x - nitrogen oxides

SO₂ - sulfur dioxide

CO - carbon monoxide

VCM - vinyl chloride monomer

HCl - hydrogen chloride

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) The maximum allowable total VOC emission rates include the allowable VCM emissions.

(6) VOC (including VCM) emissions subject to non-attainment new source review under NA-TX-002.

(7) The flare is used for maintenance, emergency, and upset conditions only. Upset and maintenance related emissions from the flare are subject to 30 TAC Chapter 101.

* 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

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

Dated _____