

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 17573

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
EA-1	"A" Pneumatic Stack		VOC		19.9	11.4
EA-2	"B" Pneumatic Stack		VOC		19.9	11.4
EA-3	"C" Pneumatic Stack		VOC		19.9	11.4
E4-1	Butadiene Absorber Vent		VOC		1.5	6.6
E11-1	NH3 Compressor 440 HP		VOC		0.1	0.5
			NOx		8.6	37.7
			CO		6.0	26.2
E11-2	NH3 Compressor 440 HP		VOC		0.1	0.5
			NOx		8.6	37.7
			CO		6.0	26.2
E11-3	NH3 Compressor 550 HP		VOC		0.1	0.6
			NOx		10.7	47.2
			CO		7.5	32.7
E11-4	NH3 Compressor 440 HP		VOC		0.1	0.5
			NOx		8.6	37.7
			CO		6.0	26.2
E11-5	NH3 Compressor 440 HP		VOC		0.1	0.5
			NOx		8.6	37.7
			CO		6.0	26.2
E15-1	Thermal Oxidizer		VOC		13.5	16.1
			NOx		7.7	33.7

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *			
			lb/hr	TPY		
				SO2	0.02	0.1
				PM	0.2	0.9
				CO	0.2	0.7
F3-1		Reactor Area Fugitives (4)		VOC	1.76	9.2
				NH3	9.0	39.4
F4-1		Recovery Area Fugitives (4)		VOC	2.15	10.0
F5-1		Latex Area Fugitives (4)		VOC	0.4	1.8
F6- 1		Coagulation Area		VOC	5.8	22.8
F10-1		Carbon Black Fugitives (4)		PM10	0.3	1.5
F11-1		Compressor Building		NH3	3.86	16.9
	Fugitives (4)					
F12-1		Wastewater Fugitives (4)		VOC	8.32	28.1

(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

PM10 - particulate matter less than 10 microns in diameter

VOC - volatile organic compounds as defined in General Rule 101.1

NOx - total oxides of nitrogen

SO2 - sulfur dioxide

CO - carbon monoxide

NH3 - ammonia

(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:

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
	Hrs/day	Days/week	Weeks/year	or Hrs/year <u>8,760</u>

Dated_____