

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

C-19332

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)	<u>Emission Rates*</u>	
			#/hr	TPY
22	Tank F1003	VOC	0.13	<0.01
408	Tank F1040	VOC	0.03	<0.01
413	Tank F1049	VOC	0.03	<0.01
503	Tank F1047	VOC	<0.01	<0.01
504	Tank F1048	VOC	<0.01	<0.01
22FUG, FUGB2C2, F300FUG, FUGJ2NBR ANUNLDST, FUGJ1NBR	Combined Process Fugitives (4)	VOC	2.56	10.69
		NH3	0.78	3.41
		PM	1.98	3.41
NLTXLGDG	Latex Loading	VOC	<0.01	<0.01
A1-B	B Coag B Dryer	VOC	1.22	2.67
		VOC	12.21	18.53
		PM	0.02	0.09
		SO	<0.01	0.01
		NOx	0.42	1.84
		CO	0.37	0.08
A4-S	S Coag S Dryer	VOC	1.20	2.63
		VOC	11.26	14.87
		PM	0.02	0.07
		SO2	<0.01	0.008
		NOx	0.31	1.36
		CO	0.06	0.27
A4-T	T Coag T Dryer	VOC	1.20	2.63
		VOC	11.26	14.87

PM	0.02	0.07
SO2	<0.01	0.008
NOx	0.31	1.36
CO	0.06	0.27

Emission	Source	Air Contaminant	Emission Rates*			
Point No. (1)	Name (2)	Name (3)	#/hr	TPY		
A2-E		E Vent		VOC	0.23	0.39
		E Duct		VOC	0.45	0.47
A1-D		D Coag		VOC	1.62	3.55
		D Dryer		VOC	12.21	18.53
				PM	0.02	0.09
				SO2	<0.01	0.01
				NOx	0.42	1.84
				CO	0.37	0.08
F243		Tank F-243		VOC	<0.01	0.01
F122		Tank F-122		Mercaptan	0.01	<0.01
F119		Tank F-119		Mercaptan	0.01	<0.01
F410N-F440N		Storage Tanks		VOC	0.07	0.31
F600V1-F600V2		Storage Tanks		VOC	<0.01	0.01
F600Q, F600X, F600R		Storage Tanks		VOC	0.04	0.18
F601		Storage Tank		VOC	<0.01	0.01
F602		Storage Tank		VOC	<0.01	0.01
F600K		Storage Tank		VOC	<0.01	<0.01
F100		Wastewater Tank		VOC	<0.01	<0.01
F200		Wastewater Tank		VOC	<0.01	<0.01
F460A-F460B		Tank F460A		VOC	0.03	0.12
F360KA		Tank F360KA		Mercaptan	<0.01	<0.01
F343J		Tank F343J		VOC	0.04	0.02

FUGB2VP	New Vacuum Pump Fugitives (4)	VOC	0.16	0.71
R1	Flare	VOC	1.20	5.50
		SO2	<0.01	<0.01
		NOx	0.29	1.27
		CO	1.48	0.49

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Emission	Source	Air Contaminant	<u>Emission Rates*</u>		
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>#/hr</u>	<u>TPY</u>	
A1ADDSY		A1/A4 Add System Fugitives (4)	VOC	0.14	0.62
A2ADDSY		A2 Add System Fugitives (4)	VOC	0.30	1.36
A6ADDSY		A3/A6 Add System Fugitives (4)	VOC	0.93	4.13
**	A1, A4, A2 combined	Coag, Vent, and Dryer B, D, E, S and T lines	VOC	25.70	34.14
			PM	0.06	0.25
			SO2	<0.01	0.03
			NOx	1.15	5.40
			CO	0.80	0.44

** See Special Provision No. 18

- (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 General Rule 101.1
NOx - total oxides of nitrogen
SO2 - sulfur dioxide
PM - particulate matter
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:

Hrs/day____Days/week____Weeks/year____or Hrs/year 8,784

Revised_____