

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1257A

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
B-3-1	Flare	SO <sub>2</sub>	81.0	340.2
		CO	52.8	221.7
		VOC	46.0	193.2
		NO <sub>x</sub>	3.0	12.5
		NH <sub>3</sub>	<0.01	<0.01
		Acetone	3.6	15.0
B-3-2	Tank 34249	VOC	1.89	0.05
B-3-3	Tank 34361	VOC	1.07	0.53
		SO <sub>2</sub>	<0.01	<0.01
B-3-4	Tank 34120	VOC	1.02	0.11
		Acetone	<0.01	0.03
B-3-5	Tank 34125	VOC	1.72	0.17
		Acetone	<0.01	0.04
B-3-6	Tank 34220	VOC	0.02	0.1
B-3-7	Tank 34290	VOC	9.88	0.62
B-3-8	Tank 34291	VOC	8.10	0.28
B-3-9	Tank 34326	VOC	3.11	0.13
B-3-10	Tank 34327	VOC	3.81	0.06

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
B-3-11	Tank 34335	VOC	6.05	0.34
		NH <sub>3</sub>	0.03	<0.01
		Acetone	9.71	0.53
B-3-12	Tank 34343	VOC	22.12	1.48
		NH <sub>3</sub>	0.04	<0.01
B-3-14	Tank 34352	VOC	6.81	2.06
B-3-16	Tank 34354	VOC	6.81	2.06
B-3-18	Tank 34402	VOC	0.20	0.49
		NH <sub>3</sub>	<0.01	<0.01
		Acetone	0.32	0.78
B-3-19	Tank 34426	VOC	0.18	0.48
		NH <sub>3</sub>	<0.01	<0.01
		Acetone	0.29	0.75
B-3-20	Tank 34430	VOC	3.6	0.19
B-3-21	Tank 34560	VOC	0.17	0.92
		Acetone	0.21	0.08
B-3-22	Tank 96600	VOC	1.1	0.35
B-3-23	Tank 96609	VOC	0.09	0.65
B-3-24	Tank 96616	VOC	0.95	0.47
B-3-25	Tank 96623	VOC	0.95	0.53
B-3-26	Tank 22002	VOC	0.21	0.55
		SO <sub>2</sub>	<0.01	<0.10
B-3-27	Tank 22003	VOC	0.21	0.55
		SO <sub>2</sub>	<0.01	<0.10

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
B-3-29	Tank 22060	VOC	0.05	0.11
B-3-31	Tank 22065	VOC	0.05	0.11
B-3-33	Tank 22070	VOC	1.54	0.27
B-3-35	Tank 22075	VOC	1.54	0.27
B-3-36	Tank 22079	VOC	21.22	0.20
		NH <sub>3</sub>	0.04	0.01
B-3-38	Tank 22090	VOC	<0.01	<0.1
B-3-39	Tank 22100	VOC	<0.01	<0.01
		SO <sub>2</sub>	<0.01	<0.01
B-3-40	Tank 22119	VOC	<0.03	<0.1
		SO <sub>2</sub>	<0.01	<0.01
B-3-41	Tank 22120	VOC	<0.01	<0.02
		SO <sub>2</sub>	<0.01	<0.01
B-3-42	Tank 22150	VOC	0.14	<0.01
B-3-43	Tank 22155	VOC	0.06	0.16
		SO <sub>2</sub>	<0.01	<0.10
B-3-46	Tank 34730	VOC	0.17	0.92
		Acetone	0.4	0.08
		SO <sub>2</sub>	<0.01	<0.10
B-3-44	Tank 34670	VOC	0.07	<0.1

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
B-3-47 and B-3-48 0.70 total	B-3 Rack Fugitives (4)	SO <sub>2</sub> CO NH <sub>3</sub> VOC	<0.01 0.36 0.16 0.86	0.04 1.58 0.16 3.79
B-3-49 and B-3-50 <0.1 total	GMAA Rack Fugitives (4)	VOC CO SO <sub>2</sub>	0.62 <0.01 <0.01	2.73 <0.1 <0.01
B-3-51	Scrubber	Acetone CO SO <sub>2</sub>	<0.01 <0.01 0.32	<0.01 <0.01 0.97
B-3-52	Tank 34276	VOC	0.06	0.02
B-3-53	Loading	VOC Acetone NH <sub>3</sub>	11.95 20.12 0.12	0.36 0.60 <0.01
B-4-2	Tank 22125	VOC	<0.01	0.02
B-4-3	Tank 33291	VOC	12.28	0.11
B-4-4	Tank 33327	VOC	5.24	0.04
B-4-5	Tank 33336	VOC Acetone NH <sub>3</sub>	9.19 14.91 0.04	0.16 0.24 <0.01

B-4-6	Tank 33281	VOC	0.01	<0.01
		Acetone	<0.01	<0.01
		NH <sub>3</sub>	0.04	<0.01
B-4-9	B-4 Rack Fugitives (4)	VOC	1.10	4.80
		Acetone	0.07	0.33
		NH <sub>3</sub>	0.08	0.34
		CO	0.07	0.30
		SO <sub>2</sub>	<0.01	0.01

- (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.

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#### EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (3) SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide  
VOC - volatile organic compounds as defined in General Rule 101.1  
NO<sub>x</sub> - oxides of nitrogen  
NH<sub>3</sub> - 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 8,760

Dated\_\_\_\_\_