

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 7717

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		
1-1	Settling Tank			VOC	<0.10	0.108
				H2S	<0.01	0.033
1-2	Surge Tank			VOC	0.069	2.680
				H2S	0.021	0.820
1-3	Settling Tank			VOC	<0.10	0.108
				H2S	<0.01	0.033
1-4	Surge Tank			VOC	0.069	2.680
				H2S	0.021	0.820
1-5	Oil Storage Tank			Emergency Only		
1-6A	Electrostatic Treater			NOx	0.423	0.185
				CO	0.089	0.039
				VOC	0.016	0.007
				SO2	0.002	0.001
				PM10	0.051	0.022
1-6B	Electrostatic Treater			NOx	0.423	0.185
				CO	0.089	0.039
				VOC	0.016	0.007
				SO2	0.002	0.001
				PM10	0.051	0.022
1-7A	Electrostatic Treater			NOx	0.423	0.185
				CO	0.089	0.039
				VOC	0.016	0.007
				SO2	0.002	0.001

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### AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
			PM10	0.051 0.022
1-7B	Electrostatic Treater	NOx	0.423	0.185
		CO	0.089	0.039
		VOC	0.016	0.007
		SO2	0.002	0.001
		PM10	0.051	0.022
1-8	Flare	Emergency Only		
1-9	Skim Oil Tank	VOC	0.025	0.129
		H2S	0.008	0.039
1-10	Water Storage Tank	VOC	0.003	0.113
		H2S	0.004	0.129
1-11	Water Storage Tank	VOC	0.003	0.113
		H2S	0.004	0.129
1-12A	Electrostatic Treater	NOx	0.423	0.185
		CO	0.089	0.039
		VOC	0.016	0.007
		SO2	0.002	0.001
		PM10	0.051	0.022
1-12B	Electrostatic Treater	NOx	0.423	0.185
		CO	0.089	0.039
		VOC	0.016	0.007
		SO2	0.002	0.001
		PM10	0.051	0.022
1-12C	Electrostatic Treater	NOx	0.423	0.185

		CO	0.089	0.039
		VOC	0.016	0.007
		SO2	0.002	0.001
		PM10	0.051	0.022
FG-1	Process Fugitives	VOC	2.634	11.537
		H2S	0.200	00.877

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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) 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  
H2S - hydrogen sulfide
- (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\_\_\_\_

Dated \_\_\_\_\_