

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 Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
1-1	Settling Tank	nm-VOC	<0.10	0.108
		H ₂ S	<0.01	0.033
1-2	Surge Tank	nm-VOC	0.069	2.680
		H ₂ S	0.021	0.820
1-3	Settling Tank	nm-VOC	<0.10	0.108
		H ₂ S	<0.01	0.033
1-4	Surge Tank	nm-VOC	0.069	2.680
		H ₂ S	0.021	0.820
1-5	Oil Storage Tank	nm-VOC	0.049	6.091
		H ₂ S	0.015	1.864
1-6A	Electrostatic Treater	NO _x	0.423	1.853
		CO	0.089	0.389
		nm-VOC	0.016	0.071
		SO ₂	0.002	0.011
		PM ₁₀	0.051	0.223
1-6B	Electrostatic Treater	NO _x	0.423	1.853
		CO	0.089	0.389
		nm-VOC	0.016	0.071
		SO ₂	0.002	0.011
		PM ₁₀	0.051	0.223
1-7A	Electrostatic Treater	NO _x	0.423	1.853

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
		CO	0.089	0.389
		nm-VOC	0.016	0.071
		SO ₂	0.002	0.011
		PM ₁₀	0.051	0.223
1-7B	Electrostatic Treater	NO _x	0.423	1.853
		CO	0.089	0.389
		nm-VOC	0.016	0.071
		SO ₂	0.002	0.011
		PM ₁₀	0.051	0.223
1-8	Flare	Emergency Only		
1-9	Skim Oil Tank	nm-VOC	0.019	0.144
		H ₂ S	0.006	0.044
1-10	Water Storage Tank	nm-VOC	0.004	0.158
		H ₂ S	0.005	0.180
1-11	Water Storage Tank	nm-VOC	0.004	0.158
		H ₂ S	0.005	0.180
1-12A	Electrostatic Treater	NO _x	0.423	1.853
		CO	0.089	0.389
		nm-VOC	0.016	0.071
		SO ₂	0.002	0.011
		PM ₁₀	0.051	0.222
1-12B	Electrostatic Treater	NO _x	0.423	1.853
		CO	0.089	0.389
		nm-VOC	0.016	0.071
		SO ₂	0.002	0.016
		PM ₁₀	0.051	0.222
1-12C	Electrostatic Treater	NO _x	0.423	1.853
		CO	0.089	0.389
		nm-VOC	0.016	0.071
		SO ₂	0.002	0.016
		PM ₁₀	0.051	0.222

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
FG-1	Process Fugitives (4)	nm-VOC	2.262	9.907
		H ₂ S	0.115	0.502

- (1) Emission point identification - a 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
nm-VOC - (non-methane) volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
H₂S - hydrogen sulfide
- (4) Fugitive emissions are estimates only and should not be considered a maximum allowable emission rate.

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* 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_____