

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 5037A and PSD-TX-702M3

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
1	GMVH-12 Engine	NO _x	37.00	162.06
		CO	5.29	23.17
		VOC	5.29	23.17
		SO ₂	0.29	1.27
2	Clark TLAB-6 Engine	NO _x	44.05	192.94
		CO	8.81	38.59
		VOC	2.20	9.64
		SO ₂	0.23	1.01
3	Clark TLAB-6 Engine	NO _x	44.05	192.94
		CO	8.81	38.59
		VOC	2.20	9.64
		SO ₂	0.23	1.01
4	IR-SVG-8 Engine	NO _x	18.41	80.64
		CO	0.68	2.98
		VOC	0.48	2.10
		SO ₂	0.70	0.31
5	IR-SVG-8 Engine	NO _x	18.41	80.64
		CO	0.68	2.98
		VOC	0.48	2.10
		SO ₂	0.70	0.31
6	Hot Oil Heater	NO _x	1.66	7.27

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
		CO	0.42	1.84
		VOC	0.03	0.13
		SO ₂	0.01	0.04
		PM ₁₀	0.06	0.26
9	Process/Emergency Flare (5) (2/98)	NO _x	0.08	0.40
		CO	1.10	4.80
		VOC	<0.01	<0.01
		SO ₂ (2/98)	39.74	174.10
		H ₂ S (2/98)	0.43	1.88
10A	IR-KVS-8 Engine	NO _x	43.94	192.46
		CO	2.93	12.83
		VOC	1.50	6.40
		SO ₂	0.17	0.74
10B	IR-KVS-8	NO _x	43.94	192.46
		CO	2.93	12.83
		VOC	1.50	6.40
		SO ₂	0.17	0.74
NGLFUG	Fugitives (4)	VOC	9.08	39.76
H2SFUG	Fugitives (4)	H ₂ S	0.04	0.20
14	Glycol Still Vent	Benzene	0.34	1.47
		VOC	9.42	41.33

(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
NO_x - 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.

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- (5) Process flare may also be used for emergency service. Process emissions from the Process/Emergency Flare, Emission Point No. (EPN) 9, may alternately be emitted from the other plant Process/Emergency Flare, EPN 29, in Permit No. 20660. (2/98)

- * 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 _____