

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22094

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>				
89-27	Heater (H-001)	PM	0.02	0.104
		SO ₂	0.006	0.025
		NO _x	0.95	4.170
		CO	0.19	0.834
		VOC	0.05	0.221
89-28	Heater (H-002)	PM	0.02	0.083
		SO ₂	0.005	0.020
		NO _x	0.76	3.34
		CO	0.15	0.667
		VOC	0.04	0.177
92-1	Heater (H-003)	PM	0.02	0.094
		SO ₂	0.005	0.023
		NO _x	0.86	3.75
		CO	0.17	0.751
		VOC	0.045	0.199
94-1	Boiler (B-004)	PM	0.02	0.088
		SO ₂	0.005	0.021
		NO _x	0.80	3.50
		CO	0.16	0.70
		VOC	0.04	0.186
94-2	Boiler (B-005)	PM	0.02	0.088
		SO ₂	0.005	0.021
		NO _x	0.80	3.50
		CO	0.16	0.70
		VOC	0.04	0.186

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
TPY				lb/hr
92-3	Boiler (B-003)	PM	0.02	0.088
		SO ₂	0.005	0.021
		NO _x	0.80	3.50
		CO	0.16	0.70
		VOC	0.04	0.186
89-1	Tank (T-200)	VOC	5.27	0.54
		Inorganics	0.01	0.01
89-5	Tank (T-220)	VOC	5.27	0.54
		Inorganics	0.01	0.01
89-6	Tank (T-201)	VOC	5.27	0.54
		Inorganics	0.01	0.01
89-10	Tank (T-221)	VOC	5.27	0.54
		Inorganics	0.01	0.01
89-11	Tank (T-202)	VOC	5.27	0.54
		Inorganics	0.01	0.01
89-15	Tank (T-222)	VOC	5.27	0.54
		Inorganics	0.01	0.01
89-18	Tank (T-203)	VOC	5.27	0.54
		Inorganics	0.01	0.01
89-22	Tank (T-223)	VOC	5.27	0.54
		Inorganics	0.01	0.01
90-110	Tank (T-110)	VOC	5.27	0.54
		Inorganics	0.01	0.01

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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>lb/hr</u>	
<u>TPY</u>				
89-32	Flare	VOC	26.85	13.12
		NO _x	0.45	1.98
		CO	2.06	9.03
		SO ₂	3.49	2.16
		HCl	0.45	1.00
		Inorganics	8.22	5.34
89-33	Fugitives (4)	VOC	3.07	13.46

(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) PM - particulate matter

VOC - volatile organic compounds as defined in General Rule 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

HCl - hydrogen chloride

Inorganics - Compounds containing no hydrocarbons

(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 _____