

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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 Point No. (1)	Source		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
89-27	Heater (H-001)			PM	0.02	0.104
				SO2	0.006	0.025
				NOx	0.95	4.170
				CO	0.19	0.834
				VOC	0.05	0.221
89-28	Heater (H-002)			PM	0.02	0.083
				SO2	0.005	0.020
				NOx	0.76	3.34
				CO	0.15	0.667
				VOC	0.04	0.177
92-1	Heater (H-003)			PM	0.02	0.094
				SO2	0.005	0.023
				NOx	0.86	3.75
				CO	0.17	0.751
				VOC	0.045	0.199
92-2	Heater (H-004)			PM	0.21	0.905
				SO2	0.02	0.088
				NOx	2.70	11.83
				CO	1.17	5.11
				VOC	0.19	0.847
89-30	Boiler (B-001)			PM	0.01	0.054
				SO2	0.003	0.013
				NOx	0.49	2.17
				CO	0.10	0.434
				VOC	0.03	0.115
89-31	Boiler			PM	0.01	0.054

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
	(B-002)	SO2	0.003	0.013
		NOx	0.49	2.17
		CO	0.10	0.434
		VOC	0.03	0.115

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
92-3	Boiler (B-003)	PM	0.01	0.054
		SO2	0.003	0.013
		NOx	0.49	2.170
		CO	0.10	0.434
		VOC	0.03	0.115
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
89-32	Flare	VOC	26.85	13.10
		NOx	0.45	1.98
		CO	2.06	9.03

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *		
			lb/hr	TPY	
			SO2	3.49	2.16
			HCl	0.45	1.00
			Inorganics	8.22	5.34
89-33	Fugitives (4)		VOC	3.07	13.46
92-4	Carbon Adsorption Canister		VOC	0.52	1.14

- (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
NOx - 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