

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

19950

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)	lb/hr	<u>Emission Rates *</u>	
				TPY	
153	Tank T-120		VOC	0.003	0.02
139	Tank T-132		VOC	0.02	0.10
146	Tank T-107		VOC	0.08	0.35
268	Tank T-113		VOC	0.05	0.27
149	Tank T-115		VOC	0.04	0.19
231	Tank T-129		VOC	0.16	0.73
228	Tank T-137		VOC	0.06	0.29
48	Tank T-409		VOC	0.02	0.14
230	Tank T-600		VOC	0.16	0.77
267	Tank T-601		VOC	0.07	0.32
271	Tank T-602		VOC	0.16	0.72
266	Tank T-603		VOC	0.05	0.25
			HCl	0.39	1.71
501	Tank T-2TEM		VOC	0.05	0.25
502	Tank T-3TEM		VOC	0.02	0.10
505	Tank T-4TEM		VOC	0.002	0.01

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131	Tank T-431	VOC	0.17	0.02
132	Tank T-432	VOC	0.01	0.03
133	Tank T-433	VOC	0.17	0.02

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u> TPY
134	Tank T-434	VOC	0.01	0.03
135	Tank T-435	VOC	0.17	0.02
136	Tank T-436	VOC	0.01	0.03
57	Tank T-443	VOC	0.17	0.02
38	Tank T-444	VOC	0.17	0.02
80	Tank T-445	VOC	0.05	0.25
81	Tank T-446	VOC	0.002	0.02
87	Tank T-447	VOC	0.21	0.69
256	Tank T-604	VOC	0.04	0.01
500	Tank T-700TEM	VOC	0.98	3.82
323	Heater H-403	PM10	0.03	0.15
		VOC	0.04	0.16
		NOx	0.68	2.96
		CO	0.14	0.59
		SO2	0.01	0.02
506	Heater H-1TEM	PM10	0.03	0.15
		VOC	0.04	0.16
		NOx	0.68	2.96
		CO	0.14	0.59

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		SO2	0.01	0.02
F-1	Fugitives F-1 (4)	VOC	0.17	0.74
F-2	Fugitives F-2 (4)	VOC	0.17	0.74
F-3	Fugitives F-3 (4)	VOC	1.68	7.37
		HCl	0.02	0.07
		Fluorides	0.02	0.07
F-4	Fugitives F-4 (4)	VOC	2.76	0.14

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	TPY	Emission Rates *
F-9	Fugitives F-9 (4)	VOC	0.19	0.81	
94	Flare A-613	VOC	0.18	0.77	
		NOx	4.03	17.66	
		CO	20.54	89.97	
		Fluorides	0.06	0.26	
		Chlorides	0.01	0.04	
325	Scrubber C-127	HCl	0.013	0.06	
172	Scrubber C-207	Inorganic Fluorides	0.28	1.21	
		VOC	1.44	6.36	
270	Scrubber C-206	PM10	0.005	0.025	

- (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) VOC - volatile organic compounds as defined in General Rule 101.1
 NOx - total oxides of nitrogen
 SO2 - sulfur dioxide
 PM10 - particulate matter, 10 microns or smaller

CO - carbon monoxide

HCl - hydrogen chloride

- (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

Revised_____