

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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)	Emission Rates *	
			lb/hr	TPY
38	Tank T-444	VOC	1.30	0.41
48	Tank T-409	VOC	0.38	0.23
57	Tank T-443	VOC	1.38	0.33
80	Tank T-445	VOC	0.52	0.04
81	Tank T-446	VOC	3.75	0.02
87	Tank T-447	VOC	1.30	0.41
94	Flare A-613	VOC	0.16	0.64
		NO _x	0.17	0.69
		CO	0.87	3.50
		Fluorides	0.06	0.02
		Chlorides	0.01	0.02
131	Tank T-431	VOC	0.03	0.02
132	Tank T-432	VOC	0.03	0.02
133	Tank T-433	VOC	0.03	0.02
134	Tank T-434	VOC	0.03	0.02
135	Tank T-435	VOC	0.03	0.02
136	Tank T-436	VOC	0.03	0.02

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
139	Tank T-132	VOC	0.01	0.33
146	Tank T-107	VOC	0.15	0.20
149	Tank T-115	VOC	0.15	0.20
153	Tank T-120	VOC	0.003	0.02
172	Scrubber C-207	VOC Inorganic Fluorides	0.07 2.92	0.28
228	Tank T-137	VOC	0.15	0.20
230	Tank T-600	VOC	0.03	0.25
231	Tank T-129	VOC	0.03	0.24
256	Tank T-604	VOC	<0.01	0.02
266	Tank T-603	VOC HCl	0.15 1.54	0.20
267	Tank T-601	VOC	0.18	0.20
268	Tank T-113	VOC	0.08	0.03
270	Scrubber C-206	PM ₁₀	0.01	0.03
271	Tank T-602	VOC	0.03	0.24
323	Heater H-403	PM ₁₀	0.03	0.14
		VOC	0.03	0.15
		NO _x	0.64	2.82
		CO	0.13	0.56
		SO ₂	<0.01	0.02

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Emission	Source	Air Contaminant	Emission Rates *	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
325	Scrubber C-127	HC1	0.02	0.09
		VOC	0.91	4.19
327	Tank T-616	VOC	0.02	0.06
500	Tank F-7052	VOC	0.44	0.32
500(a)	Tank T-700 TEM	VOC	0.98	3.82
501	Tank T-2 TEM	VOC	0.05	0.25
502	Tank T-3 TEM	VOC	0.02	0.10
505	Tank T-4 TEM	VOC	0.002	0.01
506	Heater H-1 TEM	PM ₁₀	0.03	0.15
		VOC	0.04	0.16
		NO _x	0.68	2.96
		CO	0.14	0.59
		SO ₂	0.01	0.02
F-1	Fugitives F-1 (4)	VOC	0.28	1.24
F-2	Fugitives F-2 (4)	VOC	0.22	0.96
F-3	Fugitives F-3 (4)	VOC	2.60	11.39
		Fluorides	0.32	0.85
F-4	Fugitives F-4 (4)	VOC	<0.01	0.01
F-5	Fugitives F-5 (4)	VOC	0.03	0.12
F-9	Fugitives F-9 (4)	VOC	0.51	2.23

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- (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
 - NO_x - 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

Dated_____