

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3537

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**
1	Steam Exhaust Vent	VOC	3.46	1.66
2	Crude Pine Oil Reactor R-118	Pine Oil	0.26	<0.01
3	Boiler, ABCO	CO	0.03	0.01
		NOx	0.12	0.04
		VOC	<0.01	<0.01
		SO ₂	<0.01	<0.01
4	Boiler, Continental	CO	0.35	1.01
		NOx	1.41	4.06
		VOC	0.01	0.04
		SO ₂	<0.01	0.01
5	Bulk Loading Rack	Pine Oil	0.13	<0.01
		Dipentene	0.11	<0.01
		Turpentine	0.11	0.02
6	Rail Car Loading	Pine Oil	0.17	<0.01
		Dipentene	0.15	<0.01
7	Tank 101	Crude Pine Oil	0.35	0.08
8	Tank 102	Turpentine	0.31	0.07
9	Tank 103	Pine Oil	0.18	<0.01
10	Tank 104	Pine Oil	0.18	<0.01
11	Tank 105	Pine Oil	0.18	<0.01
12	Tank 106	Pine Oil	0.18	<0.01

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			lb/hr	TPY**
13	Tank 107	Dipentene	0.16	<0.01
14	Tank 108	M Sol	0.16	<0.01
15	Tank 109	Pine Oil	0.23	<0.01
16	Tank 110	Dipentene	0.18	<0.01
17	Tank 111	Pine Oil	0.18	0.01
18	Tank 112	Pine Oil	0.18	0.01
19	Tank 113	Pine Oil	0.09	<0.01
20	Tank 114	Crude Pine Oil	0.31	0.02
21	Tank 115	Isopropyl Alcohol	5.04	0.04
22	Tank 117	Pine Oil	0.26	0.01
23	Tank 119	Pine Oil	0.20	<0.01
24	Tank 120	Turpentine	0.16	<0.01
25	Tank 121	Tall Oil	0.13	<0.01
26	Tank 123	Pine Oil	0.33	<0.01
27	Tank 124	Pine Oil	0.13	<0.01
28	Tank 125	Pine Oil	0.13	<0.01
29	Tank 145	Turpentine	0.23	<0.01
30	Tank 175	Pine Oil	0.18	<0.01
31	Tank 176	Pine Oil	0.33	<0.01
32	Tank 177A	Pine Oil	0.05	<0.01

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			lb/hr	TPY**
33	Tank 177B	Pine Oil	0.05	<0.01
34	Tank 179	Turpentine	0.23	0.03
35	Tank 180	Pine Oil	0.18	<0.01
36	Tank 181	Turpentine	0.16	<0.01
37	Tank 182	Pine Oil	0.18	<0.01
38	Tank 183	Turpentine	0.23	0.02
39	Tank 184	Turpentine	0.23	0.02
40	Tank 185	Turpentine	0.23	0.02
41	Tank 187	Terpene	0.23	0.02
42	Tank 188	Pine Oil	0.02	<0.01
43	Tank 189A	Pine Oil	0.02	<0.01
44	Tank 189B	Pine Oil	0.02	<0.02
45	Tank 190	Pine Oil	0.02	<0.01
46	Tank 192	Pine Oil	0.46	0.02
47	Tank 193	Pine Oil	0.06	<0.01
48	Tank 194	Pine Oil	0.03	<0.01
49	Fugitives	VOC	1.34	5.88

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated_____