

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 18356

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

<u>Emission Rates *</u>	<u>Source</u>	<u>Air Contaminant</u>		<u>Emission</u>
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>		<u>lb/hr</u>
<u>TPY</u>				
4C-1	Boiler No. 1 *	VOC	2.1	9.19
		NO _x	1.02	4.46
		SO ₂	0.08	0.35
		PM	1.35	5.91
		CO	6.0	26.28
4C-2	Boiler No. 2 *	VOC	2.1	9.19
		NO _x	1.02	4.46
		SO ₂	0.08	0.35
		PM	1.35	5.91
		CO	6.0	26.28
10	Planer Cyclone **	PM	9.1	18.1
15	Natural Gas Boiler No. 1 *	VOC	0.18	0.80
		NO _x	9.18	40.20
		SO ₂	0.04	0.17
		PM	0.33	1.44
		CO	2.30	10.05
16	Natural Gas Dryer Kiln ***	VOC	2.69	4.38
		NO _x	2.52	4.11
		SO ₂	0.025	0.041
		PM	0.57	0.93
		CO	2.56	4.17

FUGITIVE SOURCES

Loadout (4) ****	PM	1.5	3.75
Kilns (4)	VOC	1.61	7.04

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- | | COC | 2.02 | 8.86 |
|-----|---|------|------|
| (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 Rules 101.1.
NO _x - total oxides of nitrogen
SO ₂ - sulfur dioxide
PM - particulate matter
CO - carbon monoxide
COC - condensible organic compounds | | |
| (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 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

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

Hrs/day 16 Days/week 5 Weeks/year 50 or Hrs/year 4,000

*** Emission rates are based on and the facilities are limited to an hourly fuel consumption of 42,000 standard cubic feet of natural gas and an annual fuel consumption of 137,000,000 standard cubic feet of natural gas.

**** Emission rates are based on and the facilities are limited to an hourly throughput of 20,000 pounds and an annual throughput of 50,000 tons of sawdust.

Dated _____