

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 24679

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</u> *	<u>Source</u>	<u>Air Contaminant</u>	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
EPN-01	Heat Energy System	NO _x	60.0	193.0
		CO	49.0	214.6
		VOC	18.3	80.0
		PM ₁₀	20.0	87.6
		HCHO	2.0	8.8
		SO ₂	5.7	24.7
EPN-02	Mat Reject, Blend and Screen Baghouse	PM ₁₀	2.04	8.94
		VOC	2.0	8.8
EPN-03	Press RTO	NO _x	12.5	54.8
		CO	7.48	32.8
		VOC (5)	7.5	32.9
		PM ₁₀	1.12	4.9
		HCHO	0.53	2.3
		Pheno1	0.3	1.3
EPN-04	Sander and Former Baghouse	SO ₂	0.2	0.9
EPN-04	Sander and Former Baghouse	PM ₁₀	2.08	9.11
		VOC	2.0	8.8
EPN-05	Resin Tank Vents	PM ₁₀	2.08	9.11
		VOC	2.0	8.8
EPN-05	Resin Tank Vents	VOC	0.048	0.009
		HCHO	0.008	0.001
		Pheno1	0.04	0.007
EPN-06	Commercial Heat Transfer <0.001 Oil Storage Tank	VOC		<0.01

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u> lb/hr		<u>TPY</u>
EPN-07	Log Handling	PM	1.02	1.7
		PM ₁₀	0.46	0.8
EPN-08	Log Slasher	PM	2.03	8.1
		PM ₁₀	0.61	2.4
EPN-09	Log Debarking	PM	0.28	1.1
		PM ₁₀	0.08	0.3
EPN-10	Wet Fuel Handling	PM	0.05	0.2
		PM ₁₀	0.03	<0.1
EPN-11	Hogged Fuel Export	PM	0.014	0.032
		PM ₁₀	0.007	0.015
EPN-12	Road Dust	PM	10.9	20.5
		PM ₁₀	4.9	9.2
EPN-13	General Plant	PM	2.4	9.7
	Fugitives (4)	PM ₁₀	1.8	7.9
	(Includes Blender	VOC	0.14	0.59
	and Edge Sealer)	HCHO	0.021	0.092
		Phenol	0.114	0.5
EPN-14	Diesel Storage Tanks	VOC	0.562	<0.01
EPN-15	Wax Tanks (2 each)	VOC	<0.1	<0.438
EPN-16	Dry Wood Export Bin	PM	0.14	0.16
		PM ₁₀	0.064	0.073
EPN-17	Fuel Storage Area (4)	PM	0.14	0.19
		PM ₁₀	0.064	0.088

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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) PM - particulate matter, suspended in the atmosphere, including PM₁₀
PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
HCHO - formaldehyde
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) VOC emissions from the Press RTO include phenol.

* 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 _____