

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Flexible Permit Number 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

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
EPN-01	Heat Energy System (Combined Emissions from 2 RTOs)			
STARTUP1	Heat Energy System Startup	NO <sub>x</sub>	32.0	0.32
STARTUP2	(Each One Separately)	CO	23.9	0.24
		VOC 10.7	0.11	
		PM 25.0	0.25	
		PM <sub>10</sub> 25.0	0.25	
		HCHO	1.00	0.01
		SO <sub>2</sub> 4.38	0.04	
EPN-02	Mat Reject, Blend, and Screen Baghouse			
EPN-03	Press RTO			
EPN-04	Sander and Former Baghouse			
EPN-05	Resin Tank Vents			
EPN-06	Commercial Heat Transfer Oil Storage Tank			
EPN-09	Log Debarking			

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)lb/hr	<u>Emission Rates *</u> TPY	
EPN-10	Wet Fuel Handling			
EPN-11	Hogged Fuel Export			
EPN-12	Road Dust			
EPN-13	General Plant Fugitives			
EPN-14	Diesel Storage Tanks			
EPN-15	Wax Tanks (2 each)			
EPN-17	Fuel Storage Area			
EPN-18	Ash Handling			
EPN-19	Gasoline Tank			
Flexible Permit Emission Cap				
	All Sources Combined	NO <sub>x</sub>	78.7	248
		CO 55.2	242	
		VOC 59.4	153	
		PM 40.0	146	
		PM <sub>10</sub> 30.2	124	
		HCHO	2.88	12.1
		SO <sub>2</sub> 8.76	38.4	
		Phenol	1.12	2.53
		(part of VOC)		

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- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name.
- (3) PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>  
 PM<sub>10</sub> - 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 Title 30 Texas Administrative Code § 101.1
- NO<sub>x</sub> - total oxides of nitrogen
- SO<sub>2</sub> - sulfur dioxide
- CO - carbon monoxide
- HCHO - formaldehyde

\* 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

The permit emission cap includes all emission sources authorized through this permit including any Emission Point Numbers with an individual emission limit except for STARTUP1 and STARTUP2.

Dated December 2, 2004