

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 18046

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
CP-S-1	FreshTank	VOC	4.91	0.24
CP-S-2	Spent Tank	VOC	1.04	0.33
CP-S-3	Light Ends Tank	VOC	0.24	0.06
CP-S-4	Recycle Tank	VOC	7.46	0.34
CP-S-5	Waste Organic Tank	VOC	11.46	0.15
CP-F-1	Fugitives (4)	VOC	1.09	4.79
		PM <sub>10</sub>	0.04	0.18
CP-B-1	Compaction Baghouse Filter 0.19		PM <sub>10</sub>	0.04
CP-B-2	Spray Drying Mixing Tank Baghouse Filter	PM <sub>10</sub>	0.10	0.11
CP-B-3	Spray Dryer/Cyclone Baghouse Filter	VOC	0.02	0.08
		NO <sub>x</sub>	0.21	0.92
		SO <sub>2</sub>	<0.01	0.01
		PM <sub>10</sub>	4.07	0.85
		CO	0.28	1.23
CP-B-4	Catalyst Hopper Baghouse Filter 0.45		PM <sub>10</sub>	0.10

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

## AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	Emission	Rates
Point No. (1)	Name (2)	Name (3)	lb/hrTPY	
CP-B-5	Receiver-Spray Drying Mixing Tank Baghouse	PM <sub>10</sub> Filter	0.03	0.11
CP-A-1	Receiver Vent	PM <sub>10</sub>	1.52	0.18
CP-SC-1	Scrubber	VOC	0.50	2.19
CP-H-1	Hot Oil Heater	VOC	0.01	0.06
		NO <sub>x</sub>	0.15	0.66
		SO <sub>2</sub>	<0.01	0.01
		PM <sub>10</sub>	0.02	0.08
		CO	0.20	0.88
SW-H-2	Start-Up Heater	VOC	0.02	0.07
		NO <sub>x</sub>	0.32	1.40
		SO <sub>2</sub>	<0.01	<0.01
		PM <sub>10</sub>	0.02	0.07
		CO	0.06	0.28
FUG	Fugitives (4)	VOC	0.03	0.15
H-3	Incinerator	VOC	6.00	26.30
		NO <sub>x</sub>	50.00	219.00
		SO <sub>2</sub>	4.50	19.70
		PM <sub>10</sub>	5.00	4.40
		CO	120.00	525.60
FL-G4	Process Flare (5)	VOC	12.03	3.88
		NO <sub>x</sub>	0.58	0.19
		CO	2.96	0.95

(1) Emission point identification - either specific equipment

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3)  $PM_{10}$  -  
particulate matter (PM) 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  
 $SO_2$  - sulfur dioxide  
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Flare data represent only those emissions associated with the unit covered by this permit.
- \* 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 \_\_\_\_\_