

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 18105

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
<u>Line No. 1</u>				
072TK150	Catalyst Tank	VOC	<0.1	<0.1
148TK153	Additive Tank	VOC	7.3	0.2
148TK157	Additive Tank	VOC	7.3	0.2
072C110	Oil Tank	VOC	0.21	0.9
238FS301	Flare	VOC	63.9	63.1
		CO	70.7	68.7
		SO <sub>2</sub>	<0.01	0.03
		NO <sub>x</sub>	8.3	8.7
072T158	Additive Tank	VOC	0.5	<0.1
072T159	Additive Tank	VOC	0.5	<0.1
072C120	Oil Tank	VOC	0.21	0.9
072G133	Bag Dump	PM	0.10	<0.1
072F142	Mixer Hopper	PM	0.02	<0.1
		VOC	<0.1	<0.1
148TK151	Additive Tank	VOC	<0.1	<0.1
072TK133	Additive Tank	VOC	<0.1	<0.1

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
072SD141	Pellet Dryer	PM	0.79	3.5
F072FG1	Fugitives (4)	VOC	9.6	42.0
F072AV1	Analyzer Vents	VOC	0.5	2.1
F029FG1	Fugitives (4)	VOC	0.9	3.7
238FS300	Flare	For Emergency Use Only		
<u>Line No. 2</u>				
238F301A	Flare	VOC	63.9	30.5
		CO	70.7	34.5
		SO <sub>2</sub>	<0.01	0.02
		NO <sub>x</sub>	8.3	4.0
072T133A	Additive Tank	VOC	<0.1	<0.1
072D141A	Pellet Dryer	PM	0.79	3.5
072T150A	Catalyst Tank	VOC	0.1	0.1
148T153A	Additive Tank	VOC	7.3	0.2
148T157A	Additive Tank	VOC	7.3	0.2
072C110A	Oil Tank	VOC	0.21	0.9
F072FG2A	Fugitives (4)	VOC	4.9	21.3
F072AV2A	Analyzer Vents	VOC	0.5	2.1

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
238F330A	Flare	For Emergency Use Only		
<u>Common</u>				
072F251	Baghouse	PM	2.1	9.2
		VOC	22.1	53.0
F063CT3	Cooling Tower (4)	VOC	0.42	1.8

- (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  
VOC - volatile organic compounds as defined in General Rule 101.1  
CO - carbon monoxide  
SO<sub>2</sub> - sulfur dioxide  
NO<sub>x</sub> - total oxides of nitrogen
- (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 \_\_\_\_\_ Days/week \_\_\_\_\_ Weeks/year or 8,760 Hrs/year

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u> *	
			<u>lb/hr</u>	<u>TPY</u>

Dated\_\_\_\_\_