

## 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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	
<u>TPY</u>				
<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	0.035	<0.05
072G133A	Bag Dump	PM	0.035	<0.05
072G134	Drum Dump	PM	0.035	<0.05

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Point No. (1)	Name (2)	Name (3)	lb/hr	
TPY				
072G134A	Drum Dump	PM	0.035	<0.05
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
072SD141	Pellet Dryer	PM <sub>10</sub>	0.79	3.5
F072FG1	Fugitives (4)	VOC	9.6	42.0
F072AV1	Analyzer Vents	VOC	0.4	1.76
F072AV3	Analyzer Vents	VOC	0.4	1.76
F072AV4	Analyzer Vents	VOC	0.4	1.76
F029FG1	Fugitives (4)	VOC	0.9	3.7
238FS300	Flare	For Emergency Use Only		
Line No. 2				
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

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	
TPY				
072D141A	Pellet Dryer	PM <sub>10</sub>	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	0.4	1.76
F072AV5	Analyzer Vents	VOC	0.4	1.76
238F330A	Flare	For Emergency Use Only		
Common				
072F251	Baghouse	PM	2.1	9.2
		VOC	22.1	53.0

(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<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. **(03-98)**

PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.

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

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

Dated\_\_\_\_\_