

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9576

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>	
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	<u>TPY</u>
<b>PHASE I</b>				
1	Flare	VOC	2.33	10.19
		NO <sub>x</sub>	0.29	1.29
		SO <sub>2</sub>	<0.01	0.01
		PM <sub>10</sub>	0.01	0.05
		CO	0.07	0.32
2A	Dryer I 1A	VOC	2.97	13.0
		PM <sub>10</sub>	<0.01	<0.01
2B	Dryer I 2A	VOC	0.29	1.27
		PM <sub>10</sub>	<0.01	<0.01
2C1	Dryer I 3A1	VOC	0.14	0.62
		PM <sub>10</sub>	<0.01	0.01
2C2	Dryer I 3A2	VOC	0.14	0.62
		PM <sub>10</sub>	<0.01	0.01
2D	Dryer I 1B	VOC	2.97	13.0
		PM <sub>10</sub>	<0.01	<0.01
2E	Dryer I 2B	VOC	0.29	1.27
		PM <sub>10</sub>	<0.01	<0.01
2F	Dryer I 3B1	VOC	0.14	0.62
		PM <sub>10</sub>	<0.01	0.01

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
2F2	Dryer I 3B2	VOC	0.14	0.62
		PM <sub>10</sub>	<0.01	0.01
3A	Coagulation Vent IA	VOC	0.86	3.78
3B	Coagulation Vent IB	VOC	0.86	3.78
5	Acetic Acid Scrubber I	VOC	0.10	0.45
6A	Chip Wash Vent IA	VOC	<0.01	<0.01
6B	Chip Wash Vent IB	VOC	<0.01	<0.01
7	Cooling Tower I	VOC	<0.01	<0.01
8	Wastewater Pool I	VOC	0.64	2.80
9	Boiler	VOC	0.25	1.08
		NO <sub>x</sub>	12.35	54.08
		SO <sub>2</sub>	0.05	0.23
		PM <sub>10</sub>	0.44	1.93
		CO	3.09	13.52
F10	Fugitives - Phase I (4)	VOC	9.70	42.48
22A-H	8 Chip Silos	PM <sub>10</sub>	0.10	0.02
23	5 Pelletizing Silos	PM <sub>10</sub>	0.01	0.06
24	2 Packaging Silos	PM <sub>10</sub>	<0.01	0.01
25A	Dryer I1A - I2A	PM <sub>10</sub>	<0.01	<0.01
25B1	Dryer I2A - I2A	PM <sub>10</sub>	<0.01	<0.01

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
25B2	Dryer I2A - I3A2	PM <sub>10</sub>	<0.01	<0.01
25C	Dryer I1B - I2B	PM <sub>10</sub>	<0.01	<0.01
25D1	Dryer I2BB - I3B1	PM <sub>10</sub>	<0.01	<0.01
25D2	Dryer I2B - I3B2	PM <sub>10</sub>	<0.01	<0.01
26	Dust Collection Vent I	PM <sub>10</sub>	<0.01	<0.01
27	Extruder Hopper I	PM <sub>10</sub>	<0.01	0.02
28	Pelletizing Dryer I	PM <sub>10</sub>	<0.01	<0.01
29	Pellet Dryer I	PM <sub>10</sub>	<0.01	0.01
<b>PHASE II</b>				
51	Flare	VOC	2.40	10.70
		NO <sub>x</sub>	0.40	1.50
		SO <sub>2</sub>	<0.01	<0.01
		PM <sub>10</sub>	0.01	0.05
		CO	0.08	0.40
52A	Dryer II-1A	VOC	3.10	13.27
		PM <sub>10</sub>	<0.01	<0.01
52B	Dryer II-2	VOC	0.30	1.30
		PM <sub>10</sub>	<0.01	<0.01
52C	Dryer II-3A	VOC	0.30	1.30
		PM <sub>10</sub>	<0.01	0.02
52D	Dryer II-1B	VOC	3.10	13.60

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
		PM <sub>10</sub>	<0.01	<0.01
52E	Dryer II-2B	VOC	0.30	1.30
		PM <sub>10</sub>	<0.01	<0.01
52F	Dryer II-3B	VOC	0.30	1.30
		PM <sub>10</sub>	<0.01	<0.01
53A	Coagulation Vent II-A	VOC	0.90	3.90
		PM <sub>10</sub>	<0.01	0.02
53B	Coagulation Vent II-B	VOC	0.90	3.90
55	Acetic Acid Scrubber II	VOC	0.10	0.62
56A	Chip Wash Vent II-A	VOC	<0.01	<0.01
56B	Chip Wash Vent II-B	VOC	<0.01	<0.01
57	Cooling Tower	VOC	<0.01	<0.01
58	Wastewater Pit	VOC	<0.01	<0.01
F60	Fugitives (4)	VOC		46.0
72A-H	Chip Silos	PM <sub>10</sub>	<0.01	0.03
73	5 Pelletizing Silos	PM <sub>10</sub>	0.02	0.07
74	2 Packing Silos	PM <sub>10</sub>	<0.01	<0.01
75A-D	4 Dryer Pneumatic Filters 0.02		PM <sub>10</sub>	<0.01

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76	Dust Collector Vent II	PM <sub>10</sub>	<0.01	<0.01
77	Extruder Hopper	PM <sub>10</sub>	<0.01	0.02
78	Pelletizing Dryer II	PM <sub>10</sub>	<0.01	<0.01
79	Pelletizing Dryer Hopper II	PM <sub>10</sub>		<0.01
	0.01			

- (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) VOC - volatile organic compounds as defined in General Rule 101.1
  - NO<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - PM<sub>10</sub> - particulate matter
  - CO - carbon monoxide
- (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:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Dated \_\_\_\_\_