EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
400	Flare	VOC	2.15	9.41
		NO_x	0.26	1.14
		SO_2	0.01	0.01
		CO	0.52	2.28
2A	Dryer I 1A	VOC	2.97	13.0
		PM_{10}	0.01	0.01
2B	Dryer I 2A	VOC	0.29	1.27
		PM_{10}	0.01	0.01
2C1	Dryer I 3A1	VOC	0.14	0.62
		PM_{10}	0.01	0.01
2C2	Dryer I 3A2	VOC	0.14	0.62
		PM_{10}	0.01	0.01
2D	Dryer I 1B	VOC	2.97	13.0
		PM_{10}	0.01	0.01
2E	Dryer I 2B	VOC	0.29	1.27
		PM_{10}	0.01	0.01
2F	Dryer I 3B1	VOC	0.14	0.62
		PM_{10}	0.01	0.01
2F2	Dryer I 3B2	VOC	0.14	0.62
		PM_{10}	0.01	0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
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_x	12.35	54.08
		SO_2	0.05	0.23
		PM_{10}	0.44	1.93
		CO	3.09	13.52
10F	Fugitives - Phase I (4)	VOC	7.26	34.82
22A-H	8 Chip Silos	PM_{10}	0.10	0.02
23	5 Pelletizing Silos	PM_{10}	0.01	0.06
24	2 Packaging Silos	PM_{10}	0.01	0.01
51	Flare	VOC	2.40	10.70
		NO_x	0.40	1.50
		SO_2	0.01	0.01
		PM_{10}	0.01	0.05
		CO	0.08	0.40

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
25A	Dryer I1A - I2A	PM_{10}	0.01	0.01
25B1	Dryer I2A - I2A	PM_{10}	0.01	0.01
25B2	Dryer I2A - I3A2	PM_{10}	0.01	0.01
25C	Dryer I1B - I2B	PM_{10}	0.01	0.01
25D1	Dryer I2BB - I3B1	PM_{10}	0.01	0.01
25D2	Dryer I2B - I3B2	PM_{10}	0.01	0.01
26	Dust Collection Vent I	PM_{10}	0.01	0.01
27	Extruder Hopper I	PM_{10}	0.01	0.02
28	Pelletizing Dryer I	PM_{10}	0.01	0.01
29	Pellet Dryer I	PM_{10}	0.01	0.01
52A	Dryer II-1A	VOC	3.10	13.27
		PM_{10}	0.01	0.01
52B	Dryer II-2	VOC	0.30	1.30
		PM_{10}	0.01	0.01
52C	Dryer II-3A	VOC	0.30	1.30
		PM_{10}	0.01	0.02
52D	Dryer II-1B	VOC	3.10	13.60
		PM_{10}	0.01	0.01
52E	Dryer II-2B	VOC	0.30	1.30
		PM_{10}	0.01	0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
52F	Dryer II-3B	VOC	0.30	1.30
		PM_{10}	0.01	0.01
53A	Coagulation Vent II-A	VOC	0.90	3.90
		PM_{10}	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
60F	Fugitives (4)	VOC	3.64	15.95
72A-H	Chip Silos	PM_{10}	0.01	0.03
73	5 Pelletizing Silos	PM_{10}	0.02	0.07
74	2 Packing Silos	PM_{10}	0.01	0.01
75A-D	4 Dryer Pneumatic Filters	PM_{10}	0.01	0.02
76	Dust Collector Vent II	PM_{10}	0.01	0.01
77	Extruder Hopper	PM_{10}	0.01	0.02
78	Pelletizing Dryer II	PM_{10}	0.01	0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
79	Pelletizing Dryer Hopper II	PM_{10}	0.01	0.01
406	F-3402 Acetic Acid Scrubber	VOC	0.18	0.81
403	F-1452-1 Acetic Acid Scrubber	VOC	0.04	0.21
404	F-1452-2 Acetic Acid Scrubber	VOC	0.04	0.21
402	F-4402 Filter	PM_{10}	0.24	0.94
405	F-6458 Filter	PM_{10}	0.25	0.69
408-D	F-6303 Filter	PM_{10}	0.25	0.69
408-C	F-6402-2 Filter	PM_{10}	0.25	0.69
408-B	F-6402-1 Filter	PM_{10}	0.25	0.69
408-A	F-6451 Filter	PM_{10}	0.35	1.55
409	Cooling Tower	VOC	0.15	0.66
407	Fugitives (4)	VOC	1.44	6.30
		Ammonia	0.05	0.22
410	Wastewater Sump	VOC	0.04	0.15

(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

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

fugitive source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
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.
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

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated