

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number S-17718

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*
1	Room 5 Baghouse	PM	0.14	0.19
2	Pellet Mill Baghouse and HEPA Type Filter Room 11	PM	0.02	0.01
3	Granular Line Baghouse and HEPA Type Filter Room 9	PM	0.08	0.03
4	Main Liquids Area Carbon Unit and Pre-filter Rooms 15, 16, 19, and 20 Mixing Tanks (two 4,500-gallon tanks)	VOC	0.71	0.32
5	Fluid Bed Dryer HEPA Type Filter	PM	0.02	<0.01
6	Loading (4) Dust Collector and Fabric Filter	PM	3.75	1.72
7	Hot Water Boiler	PM	0.03	0.15
		VOC	0.03	0.11
		NO _x	0.45	1.96
		SO ₂	<0.01	<0.01
		CO	0.38	1.64

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY*
7A	Hot Water Boiler (a)	PM	0.08	0.33
		VOC	0.06	0.24
		NO _x	1.00	4.38
		SO ₂	<0.01	0.03
		CO	0.84	3.68
8	Dust Processing Baghouse Room 8	PM	0.28	0.04
9	Orthene Processing Area Baghouse and HEPA Type Filter Rooms 12, 13, and 14	PM	0.04	0.02
10	Granular Line Baghouse, Carbon Unit, and HEPA Type Filter Room 10	PM	0.16	0.16
		VOC	19.64	16.38
11 and 12	Development Room Baghouse and Carbon Unit Room 7	PM	0.04	0.02
		VOC	0.04	0.01
13	Dry Room Heater	PM	<0.01	0.02
		VOC	<0.01	<0.01
		NO _x	0.05	0.22
		SO ₂	<0.01	<0.01
		CO	0.04	0.18
14	NEMA Processing Area Baghouse, and HEPA Type Filter Rooms 17 and 18	PM	0.09	0.03
15	Second Liquids Area (b)	VOC	0.02	0.01

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			lb/hr	TPY*
	Carbon Unit Room 21			
16	Intec Production Area (c) Baghouse Room 4	PM	0.31	0.03
17A	Flystrip Coating (d) Baghouse Room 1	PM ₁₀ VOC	0.01 5.90	<0.01 9.60
17B	Flybait Processing (e) Farr Cartridge Filter and HEPA Type Filter Room 2	PM ₁₀	0.04	0.01
18	Herbicide Formulation (f) New Granular Baghouse and HEPA Type Filter Room 23	PM ₁₀ VOC	1.19 4.78	0.65 3.98
19	Pellet Area (g) Cyclone, Baghouse, HEPA Type Filter, Carbon Unit, Room 22	PM ₁₀ VOC	0.03 0.04	0.08 0.09
20	Herbicide Suspended Concentrate Room 24	PM ₁₀ VOC	0.04 0.09	0.002 0.02
WB-1	Hot Water Bath	VOC	0.01	<0.01
ST-3	Storage Tank Carbon Canister	VOC	0.24	0.01

ST-4	Storage Tank Carbon Canister	VOC	2.72	0.11
ST-5	Storage Tank Carbon Canister	VOC	2.72	0.11
ST-6	Storage Tank Carbon Canister	VOC	2.72	0.11
STV-1	Storage Tank Carbon Canister	VOC	<0.01	<0.01
STV-2	Storage Tank Carbon Canister	VOC	<0.01	<0.01
FUG-1	Truck Dump	PM	0.07	0.03
FUG-2	Main Liquids Area Rooms 15, 16, 19, and 20	VOC	0.50	0.19
FUG-3	Sand Silo	PM	0.07	<0.01
FUG-4	Second Liquids Area (h) Room 21	VOC	0.01	0.01
FUG-5	Mixing Tanks (i) (two 4,500-gallon tanks)	VOC	2.11	1.04

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- (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, suspended in the atmosphere, including PM₁₀
PM₁₀ - 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.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code (30 TAC) Chapter 115
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
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:

Hrs/day 24 Days/wk 7 Wks/yr 52 or Hrs/yr _____

- (a) These facilities are exempt under 30 TAC § 106.183 (previously Standard Exemption No. 7). No registration or notification required.
- (b) These facilities are exempt and authorized under Registration No. 35524 (issued on June 10, 1997)
- (c) These facilities are exempt and authorized under Registration No. 31321 (issued on January 12, 1996)
- (d) These facilities are exempt and authorized under Registration No. 32557 (issued on May 23, 1996)
- (e) These facilities are exempt and authorized under Registration No. 31321 (issued on January 12, 1996)
- (f) These facilities are exempt and authorized under Registration No. 17718 (issued on November 4, 1997)
- (g) These facilities are exempt and authorized under Registration No. 17718 (issued on November 4, 1997)

- (h) These facilities are exempt and authorized under Registration No. 35524 (issued on June 10, 1997)
- (i) These facilities are exempt and authorized under Registration No. 51256 (issued on July 12, 2002)

Date February 10, 2006