

Emission Sources - Maximum Allowable Emission Rates

Special 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, sources, and related activities. 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	
			lbs/hour	TPY (4)
1	Room 5 Bag house	PM	0.14	0.19
2	Pellet Mill Baghouse and HEPA Type Filter Room 11	PM	0.02	0.01
3	Granular Line Bag house 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 Dust Collector and Fabric Filter (5)	PM	3.75	1.72
7	Hot Water Boiler	CO NO _x PM ₁₀ SO ₂ VOC	0.84 1.00 0.08 0.01 0.01	3.68 4.38 0.33 0.03 0.24
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 VOC	0.16 19.64	0.16 16.38
11 and 12	Development Room Baghouse and Carbon Unit Room 7	PM VOC	0.04 0.04	0.02 0.01

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13	Dry Room Heater	CO NO _x PM ₁₀ SO ₂ VOC	0.04 0.05 0.01 0.01 0.01	0.18 0.22 0.02 0.01 0.01
14	NEMA Processing Area Baghouse and HEPA Type Filter Rooms 17 and 18	PM	0.09	0.03
17B	Flybait Processing (10) Farr Cartridge Filter and HEPA Type Filter Room 2	PM ₁₀	0.04	0.01
18	Herbicide Formulation New Granular Baghouse and HEPA Type Filter Room 23	PM ₁₀ VOC	1.19 4.78	0.65 3.98
19	Pellet Area 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	0.01 0.02
21	Glyphos Salt Manf. Room 25	PM ₁₀ VOC	0.03 1.00	0.05 1.27
24	Room 14	PM ₁₀ VOC	0.01 2.33	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
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
WB-1	Hot Water Bath	VOC	0.01	0.01

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Permit by rule (PBR) sources incorporated by reference. Sources remain authorized by the PBR(s) as listed below:

30 TAC § 106.183 (previously Standard Exemption No. 7). No registration or notification is required

7A	Hot Water Boiler	CO	0.84	3.68
		NO _x	1.00	4.38
		PM ₁₀	0.08	0.33
		SO ₂	0.01	0.03
		VOC	0.06	0.24

PBR Registration No. 35524 (issued on June 10, 1997).

15	Second Liquids Area Carbon Unit Room 21	VOC	0.02	0.01
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PBR Registration No. 31321 (issued on January 12, 1996).

16	Intec Production Area Bag house Room 4	PM	0.31	0.03
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PBR Registration No. 32557 (issued on May 23, 1996).

17A	Flystrip Coating Bag house Room 1	PM ₁₀	0.01	0.01
		VOC	5.90	9.60

PBR Registration No. 31321(issued on January 12, 1996).

17B	Flybait Processing Farr Cartridge Filter and HEPA Type Filter Room 2	PM ₁₀	0.04	0.01
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PBR Registration No. 35524 (issued on June 10, 1997).

FUG-4	Second Liquids Area Room 21	VOC	0.01	0.01
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PBR Registration No. 51256 (issued on July 12, 2002).

FUG-5	Mixing Tanks (two 4500-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.

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(3) CO - carbon monoxide

NO_x - total oxides of nitrogen

PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented

PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented

SO₂ - sulfur dioxide

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: _____