

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19200 and PSD-TX-760M4

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) lb/hr		TPY
F-370	Desorber Pellet Cyclone Train No. 1	VOC PM	0.18 0.06	0.77 0.26
F-374	Cooling Air Outlet Filters Train No. 1	VOC PM	0.08 0.36	0.35 1.58
F-387	Silo Air Filters Train No. 1	VOC PM	0.03 0.38	0.13 1.65
F-470	Desorber Pellet Cyclone Train No. 2	VOC PM	0.18 0.06	0.77 0.26
F-474	Cooling Air Outlet Filters Train No. 2	VOC PM	0.07 0.36	0.32 1.58
F-487	Silo Air Filters Train No. 2	VOC PM	0.03 0.38	0.13 1.65
F-570	Desorber Pellet Cyclone Train No. 3	VOC PM	0.18 0.06	0.77 0.26
F-574	Cooling Air Outlet Filters Train No. 3	VOC PM	0.07 0.36	0.32 1.58
F-587	Silo Air Filters Train No. 3	VOC PM	0.03 0.38	0.13 1.65
F-701A	Product Silo Filter Train No. 1	VOC PM	0.03 0.38	0.15 1.65
F-701B	Product Silo Filter	VOC	0.03	0.14

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Point No. (1)	Name (2)	Name (3) lb/hr		TPY
	Train No. 2	PM	0.38	1.65
F-701C	Product Silo Filter	VOC	0.03	0.14
	Train No. 3	PM	0.38	1.65
F-702A	Hopper Silo Cyclone	VOC	0.02	0.07
	Train No. 1	PM	0.14	0.59
F-702B	Hopper Silo Cyclone	VOC	0.02	0.07
	Train No. 2	PM	0.14	0.59
F-702C/D	Hopper Silo Cyclones	VOC	<0.01	0.01
	Train No. 4	PM	1.01	3.98
F-702G	Streamer Remover Bag	VOC	<0.01	0.01
	Filter Train No. 4	PM	0.40	1.59
F-705	Auto Packer Cyclone	VOC	0.02	0.74
		PM	0.14	0.59
F-706A	Truck Silo Cyclone	VOC	0.02	0.74
		PM	0.14	0.59
F-745	Additive Dumping Bag	PM	0.05	0.02
	Filter Train No. 4			
F-770	Desorber Pellet	VOC	0.66	2.89
	Cyclone Train No. 4	PM	0.14	0.53
F-774	Cooling Air Outlet	VOC	<0.01	0.01
	Filters Train No. 4	PM	1.09	4.66
F-780	Silo Air Filters	VOC	<0.01	0.01
	Train No. 4	PM	0.48	1.87
F-981	Product Silo Air	VOC	<0.01	0.01
	Cyclone Train No. 4	PM	1.01	3.98
P0-CT	Cooling Tower (5)	VOC	0.44	1.92

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			lb/hr	TPY
PP-FUG1	Fugitives No. 1 (4)	VOC	0.32	1.18
		PM	0.05	0.27
PP-FUG2	Fugitives No. 2 (4)	VOC	0.32	1.41
PP-FUG3	Fugitives No. 3 (4)	VOC	1.33	5.38
PP-FUG4	Fugitives No. 4 (4)	VOC	0.43	1.42
PP-FUG5	Fugitives No. 5 (4)	VOC	0.36	1.58
PP-FUG6	Fugitives No. 6 (4)	VOC	0.32	1.41
PP-FUG7	Fugitives No. 7 (4)	VOC	0.32	1.41
T-367	Dryer Train No. 1	VOC	2.58	11.30
		PM	0.24	1.03
T-467	Dryer Train No. 2	VOC	2.31	10.12
		PM	0.24	1.03
T-567	Dryer Train No. 3	VOC	2.31	10.12
		PM	0.24	1.03
T-767	Dryer Train No. 4	VOC	0.37	1.64
		PM	0.41	1.76
WWTP	Wastewater Emissions	VOC	2.03	8.89
1M-404	Dryer Train No. 1	VOC	0.18	0.80
		TSP	0.51	1.99
2M-404	Dryer Train No. 1	VOC	0.18	0.81
		TSP	0.51	1.99
M-409	Dust Collector Bag Filter	VOC		0.55
	2.43	TSP	0.12	0.48

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u> lb/hr		<u>TPY</u>
M-410	Vacuum Cleaner Bag Filter 0.11	TSP		0.03
1M-502	Blending Silos Air Filter <0.01	VOC		<0.01
	Train No. 1	TSP	0.49	1.95
2M-502	Blending Silos Air Filter <0.01	VOC		<0.01
	Train No. 1	TSP	0.49	1.95
1M-702	Product Silos Air Cyclone <0.01	VOC		<0.01
	Train No. 1	TSP	1.22	2.43
2M-702	Product Silos Air Cyclone <0.01	VOC		<0.01
	Train No. 2	TSP	1.22	2.43
M-703	Packing Silos Air Cyclone <0.01	VOC		<0.01
		TSP	0.98	0.65
M-704	Packing Silos Air Cyclone <0.01	VOC		<0.01
		TSP	0.98	0.16
M-705A	Packing Silos Air Cyclone <0.01	VOC		<0.01
		TSP	0.98	1.95
M-705B	Packing Silos Air Cyclone <0.01	VOC		<0.01
		TSP	0.98	1.95
PP2-FUG1	Piping Fugitives (4)	VOC	0.28	1.21
PP2-FUG2	Piping Fugitives (4)	VOC	2.48	10.88

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
PP2-FUG3	Piping Fugitives (4)	VOC	2.49	10.79
PP2-FUG4	Piping Fugitives (4)	VOC	0.62	2.71
PP2-FUG5	Piping Fugitives (4)	VOC	0.63	2.75
PP2-CT	Cooling Tower	VOC	1.32	5.77

(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

PM - particulate matter

TSP - total suspended particulate

(4) Fugitive emission rates are an estimate only and should not be considered as a maximum allowable emission rate.

(5) Total emissions from the polypropylene and high density polyethylene plants.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day\_\_\_\_\_Days/week\_\_\_\_\_Weeks/year\_\_\_\_\_ or Hrs/year 8,760

Dated\_\_\_\_\_