

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 19201 and PSD-TX-760M3

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
PE-FUG	Plant Fugitives (4)	VOC	2.76	12.10
		TSP	0.06	0.27
2-HDPE	Downstream Pellet Handling	VOC	4.96	21.73
5T6010	Tank T-501	VOC	0.89	0.76
5T6020	Tank T-502	VOC	0.50	0.76
5T6030	Tank 2T-502	VOC	0.50	0.76
5T6040	Tank T-503	VOC	0.49	0.76
5T6050	Tank 2T-503	VOC	0.49	0.76
F-302	Powder Silo Bag Filter	TSP	0.10	0.42
2F-302	Powder Silo Bag Filter	TSP	0.10	0.42
F-701	Blending Silo Bag Filter	TSP	0.09	0.37
2F-701	Blending Silo Bag Filter	TSP	0.09	0.37
F-708A	Hopper Car Bag	TSP	0.05	0.21

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
	Filter F-708A			
F-708B	Hopper Car Bag Filter F-708B	TSP	0.05	0.21
S-705	Packer Silo Cyclone Separator	TSP	0.06	0.28
2S-705	Packer Silo Cyclone Separator	TSP	0.06	0.28
S-707	Packer Silo Cyclone Separator	TSP	0.06	0.28
2S-707	Packer Silo Cyclone Separator	TSP	0.06	0.28
S-708A	Hopper Silo Cyclone Separator	TSP	0.06	0.28
S-708B	Hopper Silo Cyclone Separator	TSP	0.06	0.28
S-709A	Product Silos Cyclone Separator S-709A	TSP	0.06	0.28
S-709B	Product Silos Cyclone Separator S-709B	TSP	0.06	0.28
WW1	Wastewater Treatment Plant Fugitives	VOC	0.18	0.79
WW2	Wastewater Treatment Plant Fugitives	VOC	0.18	0.79

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
WW3	Wastewater Treatment Plant Fugitives	VOC	0.18	0.79
WW4	Wastewater Treatment Plant Fugitives	VOC	0.18	0.79

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Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
WW5	Wastewater Treatment Plant Fugitives	VOC	0.18	0.79
H-02	Thermal Incinerator (5)	VOC	1.40	6.16
		NO _x	4.32	18.92
		CO	7.94	34.8
		SO ₂	0.03	0.12
		TSP	0.10	0.46

(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

TSP - total suspended particulate

NO_x - total oxides of nitrogen

CO - carbon monoxide

SO₂ - sulfur dioxide

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

(5) The emissions from the incinerator are the total emissions related to disposal of the combined waste gases from the HDPE, LLDPE, and PP Plants, not just the HDPE contribution.

* 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

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

Dated_____