

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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)	<u>Emission Rates</u>	
			<u>lb/hr</u>	<u>TPY</u>
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	TSP	0.10	0.42

AIR CONTAMINANTS DATA

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			
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 Filter F-708A	TSP	0.05	0.21
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	TSP	0.06	0.28

## AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
	Separator S-709A			
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
WW3	Wastewater Treatment Plant Fugitives	VOC	0.18	0.79
WW4	Wastewater Treatment Plant Fugitives	VOC	0.18	0.79
WW5	Wastewater Treatment Plant Fugitives	VOC	0.18	0.79
D-301	High Density Polyethylene 12.5 Plant Train A Dryer Vent (5)		VOC	44.0
2D-301	High Density Polyethylene 12.0 Plant Train B Dryer Vent (5)		VOC	44.0
H-02	Thermal Incinerator (6)	VOC	1.40	6.16
		NO <sub>x</sub>	4.32	18.92
		CO	7.94	34.8
		SO <sub>2</sub>	0.03	0.12
		TSP	0.10	0.46

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
SO<sub>2</sub> - sulfur dioxide
- (4) Fugitive emission rates are an estimate only and should not be  
considered as a maximum allowable emission rate.
- (5) These emission points and rates shall expire per Special Condition  
No. 15.
- (6) 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

Dated\_\_\_\_\_