

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES **(DRAFT)**

Permit Number 3126A

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 **
2-107	Steam Generator B Primary Boiler (5)	CO	1.83	8.00
		NO <sub>x</sub>	1.08	4.73
		PM <sub>10</sub>	0.74	3.23
		SO <sub>2</sub>	1.38	6.07
		VOC	0.53	2.34
2-108	Steam Generator A Backup Boiler (5)	CO	1.83	8.00
		NO <sub>x</sub>	1.08	4.73
		PM <sub>10</sub>	0.74	3.23
		SO <sub>2</sub>	1.38	6.07
		VOC	0.53	2.34
3-105	Solvent Tank 1704	VOC	15.72	0.17
3-106	Tank 1705	VOC	9.35	0.20
3-107	Tank 1706	VOC	17.24	0.37
3-108	Tank 1901	VOC	1.30	0.20
3-109	Tank 1902	VOC	1.30	0.20
3-110	Tank 1903	VOC	1.30	0.20
3-114	Propane Loading	VOC	0.81	3.53
3-115	PP Mix Solvent Tank	VOC	14.10	0.32
3-143, 3-144A, and 3-144B	Extruder Feed Tank	PM <sub>10</sub>	0.04	0.17

### AIR CONTAMINANTS DATA

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY **
3-147, 3-148A, and 3-148B	PP Pellet Dryers	PM <sub>10</sub> VOC	0.02	0.10
3-189	Gas Heater A	CO NO <sub>x</sub> PM <sub>10</sub> VOC	0.01 0.09 0.01 0.01	0.05 0.04 0.05 0.01
3-209	PP Flare (Routine +MSS)	CO NO <sub>x</sub> VOC	240.73 33.33 352.50	75.91 14.16 67.61
3-210	PP Fugitives (4)	VOC	5.51	24.15
3-211	PP Additives Vent Filter	PM	0.05	0.20
3-217	Eductor Exhaust	PM	0.05	0.20
3-147, 3-148A, and 3-218	PP Pellet Additive Storage Silo	PM	0.05	0.21
3-219	Additive Storage Silo	PM	0.05	0.20
3-300	Cooling Tower	VOC	0.63	2.76
3-220	Weigh Bins Filters Vent	PM	0.15	0.45
SILOVENT	New Silos	VOC5.71	25.00	
BAGHOUSE	New Silos Baghouse	PM100.78	3.42	
TEAL	Teal Purging	CO PM	0.02 0.01	0.01 0.01

## AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	Emission Rates *
----------	--------	-----------------	------------------

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Point No. (1)	Name (2)	Name (3)	lb/hr	TPY **
MaintMSS	MSS- Maintenance Activities	Propylene	0.08	0.01
VesselMSS	MSS- Vessel Degassing	Propylene	3.40	0.06
PipingMSS	MSS- Pipe Openings	Propylene	17.31	0.37
HeatExMSS	MSS- Heat Exchanger Degassing	Propylene	0.17	0.01

(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 Title30 Texas Administrative Code § 101.1

NO<sub>x</sub> - total oxides of nitrogen

SO<sub>2</sub> - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>

PM<sub>10</sub> - 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.

CO - carbon monoxide

(4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.

(5) Emission rates are currently authorized by Standard Permit Number 78241, effective March 21, 2006, and they are incorporated into this permit by reference only.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule: 8,760 hrs/year.

\*\* Compliance with annual emission limits is based on a rolling 12-month period.

Dated December 14, 2007