

## Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 4381 and PSDTX3

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 (4)	TPY (5)
EPN-1	Unit 1 Boiler	NO <sub>x</sub>	3609.2	15808.3
		CO	153.7	673.2
		VOC	18.4	80.6
		SO <sub>2</sub>	6187.2	27100
		PM	515.6	2258.3
		PM/PM <sub>10</sub> /PM <sub>2.5</sub> (MSS)	880	-
EPN-7	Fly Ash Silo No. 1	PM	96.0	420.1
EPN-2	Unit 2 Boiler	NO <sub>x</sub>	3609	15808
		CO	438	1916
		VOC	19	82
		SO <sub>2</sub> (6)	5771	25277
		PM (6)	387	1694
		PM/PM <sub>10</sub> /PM <sub>2.5</sub> (MSS)	880	-
EPN-8	Fly Ash Silo No. 2	PM	<0.1	<0.1
EPN-3	Unit 3 Boiler	NO <sub>x</sub>	3609	15808
		CO	156	684
		VOC	19	82
		SO <sub>2</sub> (6)	5771	25277
		PM (6)	358	1569
		PM/PM <sub>10</sub> /PM <sub>2.5</sub> (MSS)	880	-

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour (4)	TPY (5)
EPN-9	Fly Ash Silo No. 3	PM	<0.1	<0.1
MSS-FUG	MSS Fugitives	VOC	121.75	0.59
		PM/PM <sub>10</sub> /PM <sub>2.5</sub>	4.69	4.84
		NO <sub>x</sub>	<0.1	<0.1
		CO	<0.1	<0.1
		SO <sub>2</sub>	<0.1	<0.1

- (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 Title 30 Texas Administrative Code § 101.1  
 NO<sub>x</sub> - total oxides of nitrogen  
 SO<sub>2</sub> - sulfur dioxide  
 PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented  
 PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented  
 PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter  
 CO - carbon monoxide
- (4) Planned maintenance, startup, and shutdown (MSS) lbs/hour emissions for all pollutants are authorized even if not specifically identified as MSS. During any clock hour that includes one or more minutes of planned MSS, that pollutant's maximum hourly emission rate shall apply during that clock hour.
- (5) Compliance with annual emission rates is based on a 12-month rolling period. Annual emission rates for each source include planned MSS emissions.
- (6) Boiler SO<sub>2</sub> and PM emissions originally authorized under PSD by letter from EPA dated November 9, 1976, which is supplanted by this permit.

Date: February 3, 2012