

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9449/PSD-TX-463

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	
1	Unit 1 Main		ZERO EMISSIONS		
2	Unit 1 Exhaust Bag Filter	SO2	81.25	227.6	
		PM10	1.85	7.8	
		VOC	0.21	0.9	
		NOx	2.01	8.5	
		CO	8.05	33.8	
		H2S	0.16	0.4	
		CS2	0.23	0.6	
		COS	0.04	0.1	
4	Units 1, 2, and 3 Dryer Stack	NOx	1.21	5.1	
		SO2	27.08	75.9	
		PM10	1.11	4.7	
		VOC	0.07	0.3	
		CO	2.68	11.3	
		H2S	0.05	0.2	
		CS2	0.08	0.2	
5	Unit 2 Main Bag Filter		ZERO EMISSIONS		
6	Unit 2 Exhaust Bag Filter	SO2	81.25	227.6	
		PM10	1.85	7.8	
		VOC	0.21	0.9	
		NOx	2.01	8.5	
		CO	8.05	33.8	
		H2S	0.16	0.4	
		CS2	0.23	0.6	
		COS	0.04	0.1	
8	Unit 3 Main Bag Filter		ZERO EMISSIONS		
9	Unit 3 Exhaust Bag Filter	SO2	81.25	227.6	
		PM10	1.85	7.8	

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			lb/hr	TPY
		VOC	0.21	0.9
		NOx	2.01	8.5
		CO	8.05	33.8
		H2S	0.16	0.4
		CS2	0.23	0.6
		COS	0.04	0.1
21	Flare No. 1	SO2	626.45	1754.5
		PM10	1.04	4.4
		VOC	3.27	13.7
		NOx	4.05	17.0
		CO	119.91	503.6
		H2S	2.58	7.2
		CS2	3.38	9.5
		COS	0.53	1.5
23	Flare No. 2	SO2	461.92	1293.4
		PM10	0.76	3.2
		VOC	2.43	10.2
		NOx	2.93	12.3
		CO	86.74	364.3
		H2S	1.93	5.4
		CS2	2.44	6.8
		COS	0.38	1.1

- (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 General Rule 101.1
 NOx - total oxides of nitrogen
 SO2 - sulfur dioxide
 PM - particulate matter
 CO - carbon monoxide
 H2S - hydrogen sulfide
 CS2 - carbon disulfide
 COS - carbonyl sulfide
- (4) Sulfur dioxide emissions are also regulated under PSD permit PSD-TX-463.
- (5) Ton per year emission rates are based upon a maximum 3.0 percent feedstock sulfur content averaged over a rolling thirty day period.

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY

(6) Pound per hour emissions are based upon a maximum 4.5 percent feedstock sulfur content averaged over an hourly basis.

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

Hrs/day 24 Days/week 7 Weeks/year 50 or Hrs/year 8,400

Dated: _____