

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

9403B

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
1A	Waste Heat Boiler	PM	29.3	115.8
		NOx	37.4	157.1
		SO2	688.7	2892.5
		CO	204	857
		C2H2	0.1	0.5
		H2S	35	147
		C4	0.1	1
		COS	1.36	5.74
		CS2	2.19	9.19
		SO3	8	33.6
		C2H4	0.1	1
2	Purge Gas Filter	PM	1	4.2
		NOx	2.2	9.15
		SO2	12.6	52.9
3	Purge Gas Filter	PM	1	4.2
		NOx	1.1	4.58
		SO2	6.3	26.5
4	Purge Gas Filter	PM	1	4.2
		NOx	67.4	22.8
		SO2	6.3	26.5
9	Waste Heat Boiler	PM	3	12.6
		NOx	6	25.2
		SO2	67.5	283.5
		H2S	2	8.4
20	Carbon Black Dryer	PM	3	12.6
		NOx	6	25.2

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SO2	67.5	283.5
H2S	2	8.4

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	Emission Rates *	
				TPY	
21	Carbon Black Dryer	PM	3	12.6	
		NOx	6	25.2	
		SO2	67.5	283.5	
		H2S	2	8.4	
22	Carbon Black Dryer	PM	3	12.6	
		NOx	6	25.2	
		SO2	67.5	283.5	
		H2S	2	8.4	
23	Carbon Black Dryer	PM	3	12.6	
		NOx	6	25.2	
		SO2	67.5	283.5	
		H2S	2	8.4	

- (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) PM - particulate matter
 NOx - total oxides of nitrogen
 SO2 - sulfur dioxide
 CO - carbon monoxide
 C2H2 - acetylene
 H2S - hydrogen sulfide
 C4 - carbon compounds with 4 or more carbon atoms
 COS - carbonyl sulfide
 CS2 - carbon disulfide
 SO3 - sulfur trioxide
 C2H4 - ethylene

* 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

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Revised_____