

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

5452

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
F-B	Furnace B		CO	6.17	27.0	
			NOx	84.4	371	
			PM10	0.46	2.03	
			SO2	0.09	0.41	
			VOC	0.22	0.95	
F-CD	Heaters		CO	7.29	31.93	
			NOx	8.78	38.46	
			PM10	0.70	3.07	
			SO2	1.03	4.51	
			VOC	0.20	0.88	
FLR-1	Acid Gas Flare		CO	0.09	0.39	
			NOx	0.02	0.08	
			SO2	<0.01	<0.01	
			VOC	<0.01	<0.01	
FLR-2	VOC Flare		CO	0.22	0.98	
			NOx	0.03	0.11	
			SO2	<0.01	<0.01	
			VOC	0.01	0.05	
PE-1	Building Vent		PCE	0.75	3.28	
FUG-1	Process Fugitives (4)		VOC	21.89	95.9	
FUG-2	Process Fugitives (4)		H2	3.86	16.92	
			VOC	3.65	15.96	

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- (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)
  - CO - carbon monoxide
  - H<sub>2</sub> - hydrogen
  - NO<sub>x</sub> - total oxides of nitrogen
  - PM<sub>10</sub> - particulate matter less than 10 microns
  - PCE - perchloroethylene
  - SO<sub>2</sub> - sulfur dioxide
  - VOC - volatile organic compounds as defined in General Rule 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

\* 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

Revised\_\_\_\_\_