

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 22306

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		
01F	Furnace T-1 (4)			NO <sub>x</sub>	5.53	4.15
				CO	1.38	1.04
				SO <sub>2</sub>	0.02	0.02
				TSP	0.12	0.09
				VOC	0.11	0.08
02F	Furnace P-1 (4)			NO <sub>x</sub>	1.71	0.77
				CO	0.43	0.19
				SO <sub>2</sub>	0.01	<0.01
				TSP	0.04	0.02
				VOC	0.03	0.02
03F	Furnace V-1 (4)			NO <sub>x</sub>	1.71	1.15
				CO	0.43	0.29
				SO <sub>2</sub>	0.01	<0.01
				TSP	0.04	0.02
				VOC	0.03	0.02
04	Indoor Blasting			TSP	0.16	0.18
				PM <sub>10</sub>	0.05	0.06
05F	Indoor Painting			TSP	0.17	0.02
				PM <sub>10</sub>	0.02	<0.01
				VOC	49.53	9.86
06FA (4)	Outdoor Blasting			TSP	1.38	0.02
				PM <sub>10</sub>	0.38	<0.01
06FB (4)	Outdoor Painting			TSP	2.0	0.02
				PM <sub>10</sub>	0.15	<0.01
				VOC	49.53	0.5

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name.
- (3)
  - NO<sub>x</sub> - total oxides of nitrogen
  - CO - carbon monoxide
  - SO<sub>2</sub> - sulfur dioxide
  - TSP - total suspended particulate, including PM<sub>10</sub>
  - PM<sub>10</sub> - particulate matter less than 10 microns in diameter
  - 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:

Outdoor Blasting: 1,464 Hrs/year  
Outdoor Painting: 1,464 Hrs/year  
Indoor Painting: 3,636 Hrs/year  
Indoor Blasting: 3,636 Hrs/year

Dated \_\_\_\_\_