

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 26642

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)	lb/hr	TPY	<u>Emission Rates *</u>	
1	Baghouse Stack	TSP	0.37		0.22	
		PM <sub>10</sub>	0.37		0.22	
		Silica	0.11		0.04	
		CaF <sub>2</sub>	0.10		0.04	
		SO <sub>2</sub>	0.68		0.27	
		NO <sub>x</sub>	1.30		1.03	
		CO	0.28		0.22	
		VOC	0.15		0.12	
		Ag	0.01 (3)		0.01	
		Cd	0.01 (3)		0.01	
		Cr	0.01 (3)		0.01	
		Pb	0.01 (3)		0.01	
		As	0.02 (3)		0.01	
		Se	0.01 (3)		0.01	
		Ba	0.01 (3)		0.01	
		Hg	0.01 (3)		0.01	
		Na <sub>2</sub> CO <sub>3</sub>	0.01 (3)		0.01	
		Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> ·10H <sub>2</sub> O	0.01 (3)		0.01	
2	Bayco Oven	TSP	0.12		0.12	
		PM <sub>10</sub>	0.12		0.12	
		SO <sub>2</sub>	0.01 (3)		0.01	
		NO <sub>x</sub>	0.17		0.18	
		CO	0.09		0.09	
		VOC	0.02		0.02	
		Hg	0.01 (3)		0.01	

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.

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- (2) TSP - total suspended particulate  
PM<sub>10</sub> - particulate matter less than 10 microns in diameter  
VOC - volatile organic compounds as defined in General Rule 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide  
CaF<sub>2</sub> - calcium fluoride  
Ag - silver  
Cd - cadmium  
Cr - chromium  
Pb - lead  
As - Arsenic  
Se - Selenium  
Ba - Barium  
Hg - Mercury  
Na<sub>2</sub>CO<sub>3</sub> - soda ash  
Na<sub>2</sub>B<sub>4</sub>O<sub>7</sub>·10H<sub>2</sub>O - borax  
Silica - silica-crystalline: quartz  
(3) Trace amounts of elements.

\* Emission rates are based upon and the facilities are limited by the following maximum operating schedule and maximum production rates :

8 Hrs/day 5 Days/week 52 Weeks/year or 2,080 Hrs/year

Maximum Allowable Raw Material Processing Rates:

Slag 375 lbs/hr. 390 Tons/year

Filter Cake 375 lbs/hr. 390 Tons/year

Dated \_\_\_\_\_