

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 8164

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
35	Raw Material Handling (4)	TSP	0.30	1.30
		PM <sub>10</sub>	0.15	0.65
36	Calcidyne One Baghouse Stack 1.93		PM <sub>10</sub>	0.44
		VOC	0.06	0.27
		CO	0.16	0.71
		SO <sub>2</sub>	<0.01	0.02
		NO <sub>x</sub>	0.77	3.37
37	Calcidyne Two Baghouse Stack 1.93		PM <sub>10</sub>	0.44
		VOC	0.06	0.27
		CO	0.16	0.71
		SO <sub>2</sub>	<0.01	0.02
		NO <sub>x</sub>	0.77	3.37
38	Calcidyne Three Baghouse Stack 1.93		PM <sub>10</sub>	0.44
		VOC	0.06	0.27
		CO	0.16	0.71
		SO <sub>2</sub>	<0.01	0.02
		NO <sub>x</sub>	0.77	3.37
39	Calcidyne Four Baghouse Stack 1.93		PM <sub>10</sub>	0.44
		VOC	0.06	0.27
		CO	0.16	0.71
		SO <sub>2</sub>	<0.01	0.02

		NO <sub>x</sub>	0.77	3.37
40	Calcidyne Five Baghouse Stack 1.93	PM <sub>10</sub>	0.44	
		VOC	0.06	0.27
		CO	0.16	0.71
		SO <sub>2</sub>	<0.01	0.02
		NO <sub>x</sub>	0.77	3.37

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
42	Calcidyne Six Baghouse Stack 1.93	PM <sub>10</sub>	0.44	
		VOC	0.06	0.27
		CO	0.32	1.24
		SO <sub>2</sub>	4.40	17.00
		NO <sub>x</sub>	0.77	3.37
41	Product Material Handling (4) 2.20	TSP	0.50	
		PM <sub>10</sub>	0.25	1.10

- (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) TSP - total suspended particulate matter (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  
SO<sub>2</sub> - sulfur dioxide  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide
- (4) Fugitive emissions

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Maximum hourly production rate per Calcidyne: 8.0 tons

Maximum annual production rate for facility: 424,800 tons

Dated \_\_\_\_\_