

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 29231

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 *	
TPY			lb/hr	
4-02	West Building Boiler	PM	0.01	0.03
		VOC	<0.01	0.02
		SO <sub>2</sub>	<0.01	<0.01
		NO <sub>x</sub>	0.20	0.84
		CO	0.05	0.21
4-03	West Building Boiler	PM	0.01	0.05
		VOC	0.01	0.03
		SO <sub>2</sub>	<0.01	0.01
		NO <sub>x</sub>	0.28	1.19
		CO	0.07	0.30
4-04, 4-08, and 4-09	West Building General Exhaust	VOC	4.05	17.71
		Non-VOC	0.10	0.40
4-01, 4-05, 4-06, 4-10, and 3-30	West Building Scrubbed Exhausts and South Building Scrubbed Exhaust	Acid	0.37	1.59
		PM	0.26	1.10
		NO <sub>x</sub>	1.67	7.32
4-07	West Building Ammonia Exhaust	PM	0.07	0.29
4-11	West Building Vacuum System Exhaust	PM	0.07	0.31
5-01A, 5-01B, and 5-03	Materials Building Scrubbed Exhausts	PM	<0.01	0.02
		VOC	0.61	2.65
		Acid	0.23	1.00
		Inorganic Gas	0.50	2.18

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	
<u>TPY</u>				
5-05	Materials Building Boiler	PM	0.02	0.07
		VOC	0.02	0.08
		SO <sub>2</sub>	<0.01	0.01
		NO <sub>x</sub>	0.32	1.38
		CO	0.07	0.28
5-06 and 5-09	M.B. TCS Storage, Blending Exhausts	Inorganic Gas	0.14	0.61
6-03	Technical Building Lab	VOC	0.02	0.05
		Acid	<0.01	<0.01
		PM	<0.01	0.02

(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

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

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

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

Dated \_\_\_\_\_