

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 29231

This table lists the maximum allowable emission rates for all sources of air contaminants covered by this permit.

## AIR CONTAMINANTS DATA

Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
Group 1	West Building General Exhaust	VOC	4.51	
(4-04, 4-08, and 4-09)	19.78	non-VOC	0.27	1.20
Group 2	West Building Scrubbed Exhaust	VOC	1.03	
(4-01, 4-05, 4-06 and 4-10)	4.50	non-VOC	0.06	0.25
		IC	4.45	19.48
		PM	0.15	0.65
		NO <sub>x</sub>	1.12	4.91
Group 3	West Building Scrubbed Exhaust	IC	0.37	
(4-07)	1.64			
Group 4	West Building Vacuum Exhaust	PM	1.78	
(4-11)	7.78			
Group 5	Materials Building Scrubbed	VOC	0.35	
(5-01A, 5-01B, and 5-03)	1.52 Exhaust	non-VOC	0.18	0.78
		IC	1.26	5.53
		PM	0.84	3.67
		NO <sub>x</sub>	0.02	0.10
Group 6	Materials Building Vent	IC	0.26	1.14
(5-09)	Exhaust	PM	0.03	0.13

Group Lab (6-03)	Technology Building Lab Exhaust	VOC	0.01	0.05
		non-VOC	0.01	0.04
		IC	0.01	0.04
		PM	0.01	0.01
		NO <sub>x</sub>	0.01	0.04

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- (1) Emission point identification - either specific equipment designation or emission point number from plot plan
- (2) Specific volatile organic compounds as defined in General Rule 101.1
- (3) IC - acids, bases, reactives, metals, and reactant gases. These compounds are emitted as vapors, gases, and mists
  - NO<sub>x</sub> - total oxides of nitrogen
  - PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>.
  - PM<sub>10</sub> - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
  - VOC - volatile organic compounds
  - non-VOC - non-volatile organic compounds

\* 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\_\_\_\_\_