

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 3182

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)	Name (3)	Air Contaminant lb/hr	TPY	<u>Emission Rates *</u>	
EMISSION RATES AT PERMIT RENEWAL - PRIOR TO MODIFICATION						
V2502, V2601, and V2602	Premix Preparation, Storage, and Reaction		VOC		<0.01	<0.01
AM2620 and AM 2622	Wet Scrubbers		PM ₁₀		1.50	6.57
10	Bag Filter		PM ₁₀		3.00	13.14
AM26018	Wet Scrubber		PM ₁₀		1.00	4.38
T2617	Acid Tank		Sulfuric Acid		<0.10	<0.10
CWT14	Cooling Water Tower		VOC		1.80	7.60
FUG	Fugitives (heavy liquid)		VOC		0.10	0.41

EMISSION RATES AFTER MODIFICATION AND INSTALLATION OF CARBON COMPOUND STREAM EMISSION CONTROLS

V2502	Premix Preparation and Storage		VOC		0.07	0.05
V2625	Premix Transfer		VOC		0.14	0.06
V2601/2	Reaction System		VOC		0.13	0.05
T2617	Acid Tank		Sulfuric Acid		<0.10	<0.10

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
M2620/ AM26X		Wet Scrubber(s)	PM ₁₀	2.50 1.80
PV26XXX		Dust Filters	PM ₁₀	1.00 0.70
CWT14		Cooling Water Tower	VOC	1.80 7.60
FUG		Fugitives (heavy liquid)	VOC	0.10 0.41

- (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) PM₁₀ - 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:

Hrs/day____Days/week____Weeks/year____or Hrs/year 8,760