

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 29470

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*	
			lb/hr	TPY
1A	Reactor Exhaust Source Group A (uncontrolled)	Acid	0.04	0.16
		PM	0.07	0.29
1B1, 1B2	Acid Exhaust Source Group B (wet scrubber)(4)	Acid	0.29	1.17
		VOC	5.14	22.53
		PM	0.12	0.50
		NO _x	10.97	48.05
1C1, 1C2	Caustic Exhaust Source Group C (wet scrubber)(4)	Caustic	2.35	10.11
		VOC	2.03	8.87
1D1, 1D2	General Exhaust Source Group D (uncontrolled)(4)	Acid	0.27	1.13
		Caustic	1.70	7.47
		VOC	0.58	2.53
		NO _x	0.02	0.05
		PM	0.07	0.28
1E	Vacuum Exhaust (uncontrolled)	VOC	0.79	3.45
		PM	0.15	0.63
1F	Boiler Exhaust (uncontrolled)	VOC	0.10	0.42
		PM	0.95	4.11
		SO ₂	0.45	1.94
		NO _x	2.43	10.50
		CO	0.61	2.63

- (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.

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- (3) VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - particulate matter
CO - carbon monoxide

- (4) These emission rates are the sum of both stacks.

- * These allowable emission rates do not represent the potential increases allowed under Special Condition No. 4.

Dated_____