

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 5550

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)	<u>Emission Rates *</u>	
<u>TPY</u>			lb/hr	
J-1	Reactor Feed Heater	VOC	0.02	0.10
		NO _x	0.58	2.53
		CO	0.12	0.53
		PM	0.07	0.30
		SO ₂	0.08	0.02
FUGVSSH	Process Fugitives (4)	VOC	3.87	16.97

- (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) VOC - volatile organic compounds as defined in General Rule 101.1
 NO_x - total oxides of nitrogen
 CO - carbon monoxide
 PM - particulate matter
 SO₂ - sulfur dioxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) EPN No. J-2, Regeneration Knockout Drum, is being removed from this table. Only negligible emissions are expected from this source from biannual catalyst regeneration, which is a maintenance activity.

* 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

Dated _____