

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 4056

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
51MH5A	Heater MH-5A		PM		0.34	1.34
			VOC		0.41	1.60
			NO <sub>x</sub>		10.74	41.98
			SO <sub>2</sub>		0.30	1.19
			CO		2.40	9.36
51MJ9	Start-up Eductor MJ-009		PM		0.02	<0.01
			VOC		0.02	<0.01
			NO <sub>x</sub>		0.36	0.08
			SO <sub>2</sub>		<0.01	<0.01
			CO		0.07	0.02
51MJ138	Start-up Eductor MJ-138		PM		0.02	<0.01
			VOC		0.02	<0.01
			NO <sub>x</sub>		0.36	0.08
			SO <sub>2</sub>		<0.01	<0.01
			CO		0.07	0.02
51MJ139	Start-up Eductor MJ-139		PM		0.02	<0.01
			VOC		0.02	<0.01
			NO <sub>x</sub>		0.36	0.08
			SO <sub>2</sub>		<0.01	<0.01
			CO		0.07	0.02
51MN157	Flare MN-157		VOC		13.01	0.65
			NO <sub>x</sub>		60.04	5.20
			SO <sub>2</sub>		9.58	1.15
			CO		514.75	29.42
51COFUG	Fugitives (4)		VOC		8.45	37.01
			SO <sub>2</sub>		2.78	12.16

CO	16.28	71.30
CFC-12	6.96	30.50
NH <sub>3</sub>	<0.01	0.01

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- (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
  - CFC-12 - Freon (dichlorodifluoromethane)
  - NH<sub>3</sub> - ammonia
- (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

Dated\_\_\_\_\_