

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19136

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
122V1741	V-1741 Vent	VOC	0.34	0.37
122V1695	V-1695 Vent	VOC	0.32	0.33
122HE2723	MO-3 Incinerator	VOC (other)	6.71	29.37
		NO <sub>x</sub>	20.17	58.36
		CO	0.46	2.00
		PM	0.59	2.60
		SO <sub>2</sub>	<0.01	0.01
		Benzene	0.23	1.03
F-122	MO-3 Fugitives (4)	VOC (other)	0.58	2.50
		Benzene	<0.01	<0.01
F-112MRU	MRU Fugitives (4)	VOC (other)	0.17	0.75
		Benzene	0.00	0.00
122T530	Flare (5)	VOC (other)	134.12	11.27
		NO <sub>x</sub>	16.91	1.42
		CO	145.00	12.18
		PM	0.99	0.08
		SO <sub>2</sub>	<0.01	<0.01
		Benzene	4.70	0.39

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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) VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1  
VOC (other) - VOC excluding benzene  
NO<sub>x</sub> - total oxides of nitrogen  
CO - carbon monoxide  
PM - particulate matter, suspended in the atmosphere, including PM<sub>10</sub>  
PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted  
SO<sub>2</sub> - sulfur dioxide
  - (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
  - (5) Records of flare emissions from routine operations will be kept in a readily accessible place. At such time as the total emissions from routine operations exceed 90 percent of the total annual allowable emission rate for the flare as shown on this table, the company shall notify the appropriate TNRCC Regional Office. Continuous operation of pilot light is authorized. Waste gas streams will only be vented to this flare when the incinerator is out of service and will not exceed 168 hours per year for routine operations.
- \* 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 \_\_\_\_\_