

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 83843

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
MSS-AAFLARE	AA Flare MSS	NO <sub>x</sub>	2.02	0.81
		CO	109.71	43.15
		VOC	10.15	0.80
MSS-VAFLARE	VAM Flare MSS	NO <sub>x</sub>	7.11	0.26
		CO	36.25	1.31
		VOC	56.08	1.85
MSS-VACE	Vacuum Trucks	VOC	14.02	
MSS-VACW	Vacuum Trucks	VOC	14.02	
MSS-VACE, MSS-VACW	Vacuum Trucks	VOC		0.07
MSS-FRACW	West Frac Tank/Trailers	VOC	58.24	
MSS-FRAC	Frac Tank/Trailers	VOC	58.24	
MSS-FRACE	East Frac Tank/Trailers	VOC	58.24	
MSS-FRAC, MSS-FRACE, MSS-FRACW	Frac Tank/Trailers	VOC		0.69
MSS-CAT	Catalyst Charges	PM/PM <sub>10</sub> / PM <sub>2.5</sub>	7.50	0.90
MSS-IFRW	West IFR Tanks	VOC	114.60	0.49
		NO <sub>x</sub>	1.22	0.01
		CO	2.44	0.01

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

MSS-IFRE	IFR Tank V5521	VOC	57.30	0.16
		NO <sub>x</sub>	2.37	0.01
		CO	4.73	0.01
MSS-ILEA	Inherently Low Emitting Activities	VOC	0.01	0.01
		PM/PM <sub>10</sub> / PM <sub>2.5</sub>	0.01	0.01
MSS-FRT	Fixed Roof Tanks	VOC	75.99	0.25
		NO <sub>x</sub>	0.21	0.01
		CO	0.41	0.01
MSS-VC	Process Equipment & Vessel Clearing	VOC	17.21	0.01
		NH <sub>3</sub>	0.01	0.01
MSS-VCE	Process Equipment & Vessel Clearing	VOC	17.21	0.01
MSS-VCW	Process Equipment & Vessel Clearing	VOC	17.21	0.29
MSS-RM	Routine Maintenance	VOC	1.57	0.01
MSS-RME	East Routine Maintenance	VOC	0.35	0.01
MSS-RMW	West Routine Maintenance	VOC	1.08	0.04
13XV130	Catalytic Oxidizer	VOC	50.00	0.30

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
  - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - NO<sub>x</sub> - total oxides of nitrogen
  - SO<sub>2</sub> - sulfur dioxide
  - PM - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
  - PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
  - PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter
  - CO - carbon monoxide
  - NH<sub>3</sub> - ammonia
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

Date: \_\_\_\_\_