

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 25004

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> lb/hr	
<u>TPY **</u>				
89-07-002	No. 2 Boiler (10.46 MMBtu/hr fired duty) (1,920 hours per year)	CO	0.84	0.80
		NO <sub>x</sub>	1.00	0.96
		PM <sub>10</sub>	0.08	0.07
		SO <sub>2</sub>	0.01	0.01
		VOC	0.05	0.05
89-11-001	Marine Loading Losses	VOC (6)	86.71	6.89
		VOC (7)	31.26	2.64
89-61-002	Dock No. 1 Marine Vapor Control System	CO	13.53	1.91
		NO <sub>x</sub>	4.32	0.22
		SO <sub>2</sub>	0.01	0.01
		VOC (6)	8.32	0.83
		VOC (7)	8.32	0.92
89-95-301	Tank No. 301	VOC	0.06	0.02
89-95-307	Tank No. 307	VOC	1.45	2.27
89-95-308	Tank No. 308	VOC	0.33	0.23
89-95-309	Tank No. 309 (5)	VOC	0.38	0.29
89-95-310	Tank No. 310	VOC	1.45	4.36
89-0-0	Process Fugitives (4)	VOC	1.31	5.75

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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) CO - carbon monoxide  
NO<sub>x</sub> - total oxides of nitrogen  
PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter  
SO<sub>2</sub> - sulfur dioxide  
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Tank No. 309 is a backup for Tank No. 310 and is authorized for the emissions when this happens, through they are higher than normal emissions.
- (6) Pre emission control for toluene from barge loading
- (7) Post emission control for toluene from barge loading

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year

\*\* Compliance with annual emission limits is based on a rolling 12-month period.