

# Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 9029 and PSDTX464M1

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)
C-9	Clark HBA-T Engine	VOC (5)	2.54	---
		NO <sub>x</sub>	13.23	---
		CO	7.94	---
		SO <sub>2</sub>	0.006	---
		PM <sub>10</sub>	0.483	---
		PM <sub>2.5</sub>	2.54	---
C-10	Clark HBA-T Engine	VOC (5)	2.54	---
		NO <sub>x</sub>	13.23	---
		CO	7.94	---
		SO <sub>2</sub>	0.006	---
		PM <sub>10</sub>	0.483	---
		PM <sub>2.5</sub>	2.54	---
C-11	Clark HBA-T Engine	VOC (5)	2.54	---
		NO <sub>x</sub>	13.23	---
		CO	7.94	---
		SO <sub>2</sub>	0.006	---
		PM <sub>10</sub>	0.483	---
		PM <sub>2.5</sub>	2.54	---
C-12	Clark HBA-T Engine	VOC (5)	2.54	---
		NO <sub>x</sub>	13.23	---
		CO	7.94	---
		SO <sub>2</sub>	0.006	---
		PM <sub>10</sub>	0.483	---
		PM <sub>2.5</sub>	2.54	---
C-13	Clark HBA-T Engine	VOC (5)	2.54	---

Emission Sources - Maximum Allowable Emission Rates

		NO <sub>x</sub>	13.23	---
		CO	7.94	---
		SO <sub>2</sub>	0.006	---
		PM <sub>10</sub>	0.483	---
		PM <sub>2.5</sub>	2.54	---
C-9 through C-13	Combined Annual Emission Cap for All 5 Engines	VOC (5)	---	28.9
		NO <sub>x</sub>	---	183.6
		CO	---	133.9
		SO <sub>2</sub>	---	0.13
		PM <sub>10</sub>	---	10.57
		PM <sub>2.5</sub>	---	10.57
Fug	Fugitives (6)	VOC	0.01	0.03

- (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 Title 30 Texas Administrative Code § 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>  
PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter  
CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Formaldehyde is currently included as a constituent of hourly and annual VOC emissions.
- (6) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

Date: December 23, 2015