

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 32274, PSD-TX-995, and N-042

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
1	Steam Methane Reformer (SMR) Stack	NO _x	8.58	37.58
		PM	3.30	14.46
		CO	6.93	30.35
		NH ₃	1.65	7.23
		VOC	1.81	7.93
		SO ₂	0.02	0.07
2	Auxiliary Boiler Stack	NO _x	8.00	35.04
		PM	8.00	35.04
		CO	40.04	175.36
		NH ₃	2.50	10.95
		VOC	2.53	11.08
		SO ₂	0.02	0.09
3	Flare Stack (4)	NO _x	38.73	18.73
		CO	305.86	707.77
		VOC	30.21	9.04
3	PC-2 Batch Process Flaring	NO _x	0.79	3.31
		CO	39.09	164.16
4a	C-109 Compressor Area	VOC	0.02	0.10
	Fugitives (5)	CO	0.03	0.11
4b	Coldbox Area Fugitives (5)	CO	1.78	7.80
4c	Amine System Area Fugitives (5) 2.05		VOC	0.47
4d	Boiler Area Fugitives (5)	VOC	0.08	0.34

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA				
Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
		CO	0.03	0.11
4e	SMR Area Fugitives (5)	VOC	0.08	0.34
		CO	0.43	1.90
4f	PSA Area Fugitives (5)	VOC	0.15	0.64
		CO	0.15	0.68

(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) NO_x - total oxides of nitrogen

PM -particulate matter

CO -carbon monoxide

NH₃ -ammonia

VOC -volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

SO₂ -sulfur dioxide

(4) Includes PC-2 Batch Process Flaring

(5) 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:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES
EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES
AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	Emission Rates *	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
Emission	Source	Air Contaminant	Emission Rates	
* _____				
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY

Dated _____