EMISSION SOURCES – MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 48624

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)
FL1	Front Area Flare	CO NO_x SO_2 VOC	2.22 0.26 0.03 2.35	0.02 0.01 0.01 0.02
FL2	Back Area Flare	CO NO_x SO_2 VOC	46.70 5.45 0.07 41.85	1.42 0.17 0.01 0.98
FL3	Salt Water Flare	CO NO_x SO_2 VOC	2.58 0.30 0.02 2.58	2.25 0.27 0.01 1.78
FL4	Propane Filter Flare	CO NO_x SO_2 VOC	23.22 2.71 0.84 21.40	0.28 0.04 0.01 0.26
GA1	Gas Analyzer	VOC	0.78	0.16
H1	Water Heater	CO NO_x PM_{10} SO_2 VOC	0.66 0.78 0.06 0.01 0.05	1.44 1.71 0.13 0.02 0.10
H2	Water Heater	CO NO_x PM_{10} SO_2 VOC	0.66 0.78 0.06 0.01 0.05	1.44 1.71 0.13 0.02 0.10
H3	Salt Water Heater	CO NO_x PM_{10} SO_2 VOC	0.33 0.39 0.03 0.01 0.03	0.72 0.86 0.07 0.01 0.05
MNT	Planned Maintenance Activities	VOC	6.07	0.35

Emission Sources – Maximum Allowable Emission Rates

	(6)			
PE2	Engine Exhaust (7)	CO NO_x PM_{10} SO_2 VOC	4.66 2.77 0.03 0.02 0.04	3.23 1.92 0.02 0.01 0.03
PE6	Engine Exhaust (7)	CO NO_x PM_{10} SO_2 VOC	4.66 2.77 0.03 0.02 0.04	3.23 1.92 0.02 0.01 0.03
PE23	Engine Exhaust (7)	CO NO_x PM_{10} SO_2 VOC	4.66 2.77 0.03 0.02 0.04	3.23 1.92 0.02 0.01 0.03
PE2, PE6 and PE23	Combined Annual Emissions (7)	CO NO_x PM_{10} SO_2 VOC		9.69 5.76 0.06 0.03 0.09
PE32	Engine Exhaust (8)	CO NO_x PM_{10} SO_2 VOC	4.66 2.77 0.03 0.02 0.04	3.49 2.08 0.02 0.01 0.03
PE33	Engine Exhaust (8)	CO NO_x PM_{10} SO_2 VOC	4.66 2.77 0.03 0.02 0.04	3.49 2.08 0.02 0.01 0.03
PFL	Two Portable Flares	CO NO_x SO_2 VOC	2.02 0.24 0.04 3.60	0.07 0.01 0.01 0.11
ROP	Routine Operations	VOC	5.29	6.34
SEAL	Seal Tank	VOC	0.01	0.01
SWR	Saltwater Reservoir Losses	VOC	4.37	6.69
T18	Storage Tank	VOC	0.51	0.01
T30	Dehydrator Water Tank	VOC	2.59	0.47

Emission Sources – Maximum Allowable Emission Rates

T31	Dehydrator Water Tank	VOC	2.59	0.47
TL01	Storage Tank	VOC	0.01	0.01
TL02	Storage Tank	VOC	0.01	0.01
FUGITIVES	Process Fugitives (5)	VOC (9) VOC (10)	11.58 4.61	50.71 20.19

(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_x - total oxides of nitrogen
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
SO_2 - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
(6) Planned maintenance activities and emissions only are authorized from this EPN.
(7) Engine EPNs PE (2, 6 and 23) are subject to its individually listed hourly and annual individual pollutant emission rate at a maximum of 1387 hours per rolling twelve months of operation per EPN. In addition, the total annual individual pollutant emission rate from all of three engines shall not exceed the listed EPN PE2, PE6 and PE23 emission limit at a maximum of 4160 hours per rolling twelve months of operation.
(8) The EPN is limited to a maximum of 1500 hours per rolling twelve months of operation.
(9) Pre emission control based on special condition number eight
(10) Post emission control based on special condition number ten

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

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

Date: _____