

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. 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 *	
			lb/hr	TPY**
FL1	Front Area Flare	CO	2.22	0.02
		NO _x	0.26	0.01
		SO ₂	0.03	0.01
		VOC	2.35	0.02
FL2	Back Area Flare	CO	46.70	1.42
		NO _x	5.45	0.17
		SO ₂	0.07	0.01
		VOC	41.85	0.98
FL3	Salt Water Flare	CO	1.26	1.37
		NO _x	0.15	0.16
		SO ₂	0.01	0.01
		VOC	1.16	0.91
FL4	Propane Filter Flare	CO	23.22	0.28
		NO _x	2.71	0.04
		SO ₂	0.84	0.01
		VOC	21.4	0.26
H1	Water Heater	CO	0.31	0.34
		NO _x	0.37	0.40
		PM ₁₀	0.03	0.03
		SO ₂	0.01	0.01
		VOC	0.03	0.03

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			lb/hr	TPY**
H2	Water Heater	CO	0.31	0.34
		NO _x	0.37	0.40
		PM ₁₀	0.03	0.03
		SO ₂	0.01	0.01
		VOC	0.03	0.03
H3	Salt Water Heater	CO	0.14	0.15
		NO _x	0.16	0.18
		PM ₁₀	0.02	0.02
		SO ₂	0.01	0.01
		VOC	0.01	0.01
MNT	Maintenance Activities	VOC	5.5	0.29
PE1	Engine Exhaust	CO	2.61	0.23
		NO _x	12.09	1.06
		PM ₁₀	0.85	0.08
		SO ₂	0.80	0.07
		VOC	0.99	0.09
PE2	Engine Exhaust	CO	4.66	3.23
		NO _x	2.77	1.92
		PM ₁₀	0.02	0.01
		SO ₂	0.02	0.01
		VOC	0.04	0.03
PE6	Engine Exhaust	CO	4.66	3.23
		NO _x	2.77	1.92
		PM ₁₀	0.02	0.01
		SO ₂	0.02	0.01
		VOC	0.04	0.03
PE23	Engine Exhaust	CO	4.66	3.23

		NO _x	2.77	1.92	
		PM ₁₀	0.02	0.01	
		SO ₂	0.02	0.01	
		VOC	0.04	0.03	
PE32	Engine Exhaust	CO	4.66	3.49	
		NO _x	2.77	2.08	
		PM ₁₀	0.02	0.01	
		SO ₂	0.02	0.01	
		VOC	0.04	0.03	
PE33	Engine Exhaust	CO	4.66	3.49	
		NO _x	2.77	2.08	
		PM ₁₀	0.02	0.01	
		SO ₂	0.02	0.01	
		VOC	0.04	0.03	
PFL	Two Portable Flares	CO	2.02	0.07	
		NO _x	0.24	0.01	
		SO ₂	0.04	0.01	
		VOC	3.60	0.11	
ROP	Routine Operations (4)	VOC	5.0	5.44	
SWR	Loading Fugitives (4)	VOC	0.53	2.31	
T18	Storage Tank	VOC	0.51	0.01	
T30	Storage Tank	VOC	0.01	0.01	
T31	Storage Tank	VOC	0.01	0.01	
TL01	Storage Tank	VOC	0.01	0.01	
TL02	Storage Tank	VOC	0.01	0.01	
FUGITIVES	Process Fugitives (4)	VOC	6.75	29.56	

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

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			lb/hr	TPY**

(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.

(3) CO - carbon monoxide

NO_x - total oxides of nitrogen

PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where particulate matter (PM) is

not listed, it shall be assumed that no PM greater than 10 microns in emitted.

SO₂ - sulfur dioxide

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

(4) 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

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