Permit Number 55464

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				
		T	T	
Emission	Source	Air Contaminant	Emission Rates *	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY**
	es for Phase I (Import/Expo			
B-1 (A- H, J) (7)	Johnstone Heaters (9 Heaters)	NO_x	1.71	-
	155 MMBtu/hr	CO	2.79	-
		VOC	0.31	-
		PM_{10}	1.09	-
		SO_2	0.78	-
		H_2SO_4	0.06	-
K-7 (A-C) (7)	Waukesha (3 Compressors)	NO _x	0.61	_
K-1 (A-C) (1)	1,380 bhp	CO	6.08	_
	1,300 blip	VOC	0.15	-
		PM ₁₀	0.10	-
		SO_2	0.10	-
		H_2SO_4	0.0005	-
		П25О4	0.0005	-
FLR (4)	Flare	NO_x	0.80	-
	Normal Operations	CO	4.00	-
	(Pilots + Purge Gas)	VOC	0.00	-
		PM_{10}	0.00	-
		SO_2	0.007	-
		H_2SO_4	0.0005	-
	Export Operations	NO _×	67.93	-
		CO	367.52	-
		VOC	11.14	-
		PM ₁₀	0.00	-
		SO_2	0.67	_
		H_2SO_4	0.05	-

B-1 (A-H,J) K-7 (A-C) FLR (4)	Annual Emission Rate for Heaters, Compressors and Flare	NO_x CO VOC PM_{10} SO_2 H_2SO_4	- - - -	24.06 80.00 4.38 6.56 2.19 0.17
Z-10 (5)	Emergency Air Compressor (200 hp)	NO_x CO VOC PM_{10} SO_2 H_2SO_4	1.32 1.15 0.50 0.07 0.41 0.03	0.07 0.06 0.25 0.003 0.02 0.002
Z-10TK	Diesel Tank for Emergency Air Compressor (Z-10) (100 gal)	VOC	0.52	0.0002
FUG (6)	Fugitives	VOC	0.16	0.71
FUG-BOGLIQ	BOG Liquefication System Fugitives	VOC	0.01	0.05
Emission Rat	es for Phase II (Import Operati	ons)		
B-1 (K-M) B-21 (A-H) B-21 (J-L)	Johnstone Heaters (14 heaters) 155 MMBtu/hr (7)	NO_x CO VOC PM_{10} SO_2 H_2SO_4	1.71 2.79 0.31 1.09 0.78 0.06	- - - -
B-1 (K-M) B-21 (A-H) B-21 (J-L)	Annual Emission Rate for Heaters	NO_x CO VOC PM_{10} SO_2 H_2SO_4	- - - -	41.25 67.50 7.50 11.25 18.75 1.44
Z-210 (5)	Emergency Air Compressor (400 hp)	NO _x CO VOC	3.12 0.78 0.11	0.16 0.04 0.01

		PM ₁₀ SO ₂ H ₂ SO ₄	0.13 0.54 0.04	0.01 0.03 <0.01
Z-210TK	Diesel Tank for Emergency Air Compressor (Z-210) (300 gal)	VOC	0.15	0.0001
FUG-PHII (6)	Phase II Fugitives	VOC	0.27	1.18
Ancillary Equi EG-1 (5)	ipment (Phase I and Phase II) Emergency Generator Process Area (350kW)	NO_x CO VOC PM_{10} SO_2 H_2SO_4	7.24 0.90 0.10 0.08 0.31 0.02	0.36 0.04 0.005 0.004 0.02 0.001
EG-1TK	Diesel Tank for Emergency Generator (EG-1) (400 gal)	VOC	0.40	0.0003
EG-ADMIN (5)	Emergency Generator Admin. Bldg. (250 kW)	NO_x CO VOC PM_{10} SO_2 H_2SO_4	3.12 0.19 0.04 0.03 0.82 0.06	0.16 0.01 0.002 0.001 0.04 0.003
EG-ADMINTK	Diesel Tank for Emergency Generator (EG-ADMIN) (300 gal)	VOC	0.48	0.0003
EG-DOCK (5)	Emergency Generator Dock Area (175 kW)	NO_x CO VOC PM_{10} SO_2 H_2SO_4	2.72 0.28 0.04 0.03 0.75 0.06	0.14 0.01 0.002 0.002 0.04 0.003

EG-DOCKTK	Diesel Tank for Emergency Dock Generator (EG-DOCK) (200 gal)	VOC	0.52	0.0003
FWP (5)	Fire Water Pump (660 hp)	NO_x CO VOC PM_{10} SO_2 H_2SO_4	12.19 0.55 0.07 1.24 0.27 0.02	0.61 0.03 0.004 0.06 0.01 0.001
FWPTK	Diesel Tank for Firewater Pump (FWP) (830 gal)	VOC	0.46	0.0006
EG-21 (5)	Emergency Generator (400 hp)	NO_x CO VOC PM_{10} SO_2 H_2SO_4	4.96 0.21 0.06 0.05 0.82 0.06	0.25 0.01 <0.01 <0.01 0.04 <0.01
EG-21TK	Diesel Tank Emergency Generator (EG-21) (300 gal)	VOC	0.43	0.0003

 NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM₁₀ - particulate matter equal to or less than 10 microns in diameter

CO - carbon monoxide

H₂SO₄ - sulfuric acid

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

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

⁽³⁾ VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

- (4) Normal flare emissions are based on the pilot gas combustion emissions for 8,760 hours per year (hr/yr). The emission rates (lb/hr and tpy) for the flare include Phase I and Phase II operations.
- (5) Emission rates are based on and the facilities are limited to 100 hr/yr
- (6) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (7) Pounds per hour (lb/hr) emission limits are per unit
- * 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
- ** Compliance with annual emission limits is based on a rolling 12-month period.

Dated May 14, 2009