EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 53021

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**
EXHSTKC1	Compressor Engine	CO	3.96	17.37
		NO_x	30.93	135.45
		PM_{10}	0.32	1.40
		SO_2	0.01	0.02
		VOC	0.79	3.47
EXHSTKC2	Compressor Engine	CO	3.96	17.37
		NO_x	30.93	135.45
		PM_{10}	0.32	1.40
		SO_2	0.01	0.02
		VOC	0.79	3.47
EXHSTKC3	Compressor Engine	CO	3.96	17.37
		NO_x	30.93	135.45
		PM_{10}	0.32	1.40
		SO_2	0.01	0.02
		VOC	0.79	3.47
EXHSTKC4	Compressor Engine	CO	3.96	17.37
		NO_x	30.93	135.45
		PM_{10}	0.32	1.40
		SO_2	0.01	0.02
		VOC	0.79	3.47
EXHSTKC5	Compressor Engine	CO	3.96	17.37
		NO_x	30.93	135.45
		PM_{10}	0.32	1.40
		SO_2	0.01	0.02
		VOC	0.79	3.47

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
EXHSTKC7	Compressor Engine	CO	3.96	17.37
		NO_x	30.93	135.45
		PM_{10} 0.32	1.40	
		SO_2 0.01	0.02	
		VOC 0.79	3.47	
EXHSTKC8	Compressor Engine	CO	3.96	17.37
		NO_x	30.93	135.45
		PM_{10} 0.32	1.40	
		SO_2 0.01	0.02	
		VOC 0.79	3.47	
EXHSTKC9	Compressor Engine	CO	3.96	17.37
		NO_x	30.93	135.45
		PM_{10} 0.32	1.40	
		SO_2 0.01	0.02	
		VOC 0.79	3.47	
EXHSTKC10	Compressor Engine	CO	6.78	29.71
		NO_x	24.42	106.97
		PM_{10} 0.17	0.74	
		SO_2 0.01	0.01	
		VOC 1.16	5.09	
EXHSTKC11	Compressor Engine	CO	13.57	59.43
		NO_x	48.85	213.94
		PM_{10} 0.43	1.86	
		SO_2 0.01	0.02	
		VOC 2.33	10.19	
EXHSTKC12	Compressor Engine	CO	13.57	59.43
		NO_x	48.85	213.94
		PM_{10} 0.43	1.86	
		SO_2 0.01	0.02	
		VOC 2.33	10.19	
EXHSTKC13	Compressor Engine	CO	13.57	59.43

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
		NO_x	48.85	213.94
		PM_{10} 0.43	1.86	
		SO_2 0.01	0.02	
		VOC 2.33	10.19	
EXHSTKC14	Compressor Engine	CO	13.57	59.43
		NO_x	48.85	213.94
		PM_{10} 0.43	1.86	
		SO_2 0.01	0.02	
		VOC 2.33	10.19	
EXHSTKC15	Compressor Engine	CO	13.57	59.43
		NO_x	48.85	213.94
		PM_{10} 0.43	1.86	
		SO_2 0.01	0.02	
		VOC 2.33	10.19	
EXHSTKC16	Compressor Engine	CO	13.22	57.89
		NO_x	137.44	602.01
		PM_{10} 0.19	0.83	
		SO_2 0.01	0.05	
		VOC 2.64	11.58	
EXHSTKC17	Compressor Engine	CO	6.61	28.94
		NO_x	68.72	301.00
		PM_{10} 0.09	0.37	
		SO_2 0.01	0.02	
		VOC 1.32	5.79	
EXHSTKC19	Compressor Engine (5)	CO	6.13	26.84
		NO_x	22.90	100.31
		PM_{10} 0.12	0.54	
		SO_2 0.01	0.02	
		VOC 0.82	3.61	
	(2.0 g NO_x/bhp hr) (6)	CO	4.94	21.65
		NO_x	3.30	14.43

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)		Emission Rates * lb/hr	Emission Rates * TPY**
		PM_{10}	0.12	0.54	
		SO_2	0.01	0.02	
		VOC	0.82	3.61	
EXHSTKRC51	Solar T-1000 Turbine		CO	0.90	3.95
			NO_x	3.52	15.42
		PM_{10}	0.07	0.32	
		SO_2	0.04	0.16	
		VOC	0.02	0.10	
EXHSTKRC52	Solar T-1000 Turbine		CO	0.90	3.95
			NO_x	3.52	15.42
		PM_{10}	0.07	0.32	
		SO_2	0.04	0.16	
		VOC	0.02	0.10	
EXHSTKG77	Generator Engine (5)		CO	7.37	32.30
			NO_x	27.56	120.69
		PM_{10}	0.15	0.65	
		SO_2	0.01	0.02	
		VOC	0.99	4.34	
	(2.0 g NO_x/bhp hr) (6)		CO	5.95	26.05
			NO_x	3.96	17.37
		PM_{10}	0.15	0.65	
		SO_2	0.01	0.02	
		VOC	0.99	4.34	
EXHSTKG78	Generator Engine (5)		CO	7.37	32.30
			NO_x	27.56	120.69
		PM_{10}	0.15	0.65	
		SO_2	0.01	0.02	
		VOC	0.99	4.34	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	Emission Rates * TPY**
	(2.0 g NO_x/bhp hr) (6)	CO	5.95	26.05
		NO_x	3.96	17.37
		PM_{10}	0.15	0.65
		SO_2	0.01	0.02
		VOC	0.99	4.34
EXHSTKG79	Generator Engine (5)	CO	7.37	32.30
		NO_x	27.56	120.69
		PM_{10}	0.15	0.65
		SO_2	0.01	0.02
		VOC	0.99	4.34
	(2.0 g NO_x/bhp hr) (6)	CO	5.95	26.05
		NO_x	3.96	17.37
		PM_{10}	0.15	0.65
		SO_2	0.01	0.02
		VOC	0.99	4.34
EXHSTKH1	Heater No. 1	CO	1.36	5.98
		NO_x	1.62	7.11
		PM_{10}	0.12	0.54
		SO_2	0.01	0.04
		VOC	0.09	0.39
EXHSTKH2	Heater No. 2	CO	1.36	5.98
		NO_x	1.62	7.11
		PM_{10}	0.12	0.54
		SO_2	0.01	0.04
		VOC	0.09	0.39
EXHSTKH3	Heater No. 3	CO	1.41	6.18
		NO_x	1.68	7.36
		PM_{10}	0.13	0.56
		SO_2	0.01	0.04
		VOC	0.09	0.40

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)		Emission Rates * lb/hr	Emission Rates * TPY**
EXHSTKH4	Heater No. 4		CO	0.24	1.03
		NO_x	0.28	1.23	
		PM_{10}	0.02	0.09	
		SO_2	0.01	0.01	
		VOC	0.02	0.07	
EXHSTKH5	Heater No. 5		CO	1.39	6.12
		NO_x	1.66	7.29	
		PM_{10}	0.13	0.55	
		SO_2	0.01	0.04	
		VOC	0.02	0.07	
EXHSTKB1	Boiler No. 1		CO	2.36	10.34
		NO_x	2.81	12.32	
		PM_{10}	0.21	0.94	
		SO_2	0.02	0.07	
		VOC	0.15	0.68	
EXHSTKGR30	Glycol Heater		CO	0.07	0.31
		NO_x	0.08	0.37	
		PM_{10}	0.01	0.03	
		SO_2	0.01	0.01	
		VOC	0.01	0.02	
EXHSTKGR80	Glycol Heater		CO	0.12	0.52
		NO_x	0.14	0.61	
		PM_{10}	0.01	0.05	
		SO_2	0.01	0.01	
		VOC	0.01	0.03	
VENTGR3080	Dehydrator 30 Still Vent		VOC	0.97	4.27
VENTGR3080	Dehydrator 80 Still Vent		VOC	1.56	6.82

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

VENTGRROD	Rodessa Dehydrator Still Vent	VOC	0.10	0.44
FUGITIVES	Process Fugitives (4)	VOC	7.63	33.41

(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) CO - carbon monoxide
NO_x - total oxides of nitrogen
PM_{10} - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
SO_2 - sulfur dioxide
VOC - volatile organic compounds as defined in the Title 30 Texas Administrative Code § 101.1
(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
(5) Emission prior to the emission control
(6) Emissions after the emission control

* 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.

Dated_____