EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 48908

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**
COOLNGTWR	Cooling Tower	VOC	0.03	0.11
EXHSTKC15	Compressor Engine (2.0 g NO_x/bhp hr)	CO	4.36	19.12
		NO_x	2.91	12.75
		PM_{10} 0.10	0.44	
		SO_2 0.01	0.02	
		VOC 0.16	0.70	
EXHSTKC58	Compressor Engine (2.0 g NO_x/bhp hr)	CO	5.81	25.40
		NO_x	3.88	17.00
		PM_{10} 0.19	0.83	
		SO_2 0.01	0.02	
		VOC 0.29	1.30	
EXHSTKC59	Compressor Engine (2.0 g NO_x/bhp hr)	CO	5.81	25.40
		NO_x	3.88	17.00
		PM_{10} 0.19	0.83	
		SO_2 0.01	0.02	
		VOC 0.29	1.30	
EXHSTKC61	Compressor Engine (2.0 g NO_x/bhp hr)	CO	5.81	25.40
		NO_x	3.88	17.00
		PM_{10} 0.19	0.83	
		SO_2 0.01	0.02	
		VOC 0.29	1.30	
EXHSTKC62	Compressor Engine (2.0 g NO_x/bhp hr)	CO	5.81	25.40
		NO_x	3.88	17.00
		PM_{10} 0.19	0.83	
		SO_2 0.01	0.02	
		VOC 0.29	1.30	

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	Emission Rates * TPY**
EXHSTKC63	Compressor Engine (2.0 g NO_x/bhp hr)	CO	5.81	25.40
		NO_x	3.88	17.00
		PM_{10} 0.19	0.83	
		SO_2 0.01	0.02	
		VOC 0.29	1.30	
EXHSTKC64	Compressor Engine (2.0 g NO_x/bhp hr)	CO	5.81	25.40
		NO_x	3.88	17.00
		PM_{10} 0.19	0.83	
		SO_2 0.01	0.02	
		VOC 0.29	1.30	
EXHSTKC65	Compressor Engine (2.0 g NO_x/bhp hr)	CO	5.81	25.40
		NO_x	3.88	17.00
		PM_{10} 0.19	0.83	
		SO_2 0.01	0.02	
		VOC 0.29	1.30	
EXHSTKC66	Compressor Engine (2.0 g NO_x/bhp hr)	CO	5.81	25.40
		NO_x	3.88	17.00
		PM_{10} 0.19	0.83	
		SO_2 0.01	0.02	
		VOC 0.29	1.30	
EXHSTKC67	Compressor Engine (2.0 g NO_x/bhp hr)	CO	5.81	25.40
		NO_x	3.88	17.00
		PM_{10} 0.19	0.83	
		SO_2 0.01	0.02	
		VOC 0.29	1.30	
EXHSTKC71	Compressor Engine (2.0 g NO_x/bhp hr)	CO	1.98	8.67
		NO_x	1.32	5.79
		PM_{10} 0.07	0.31	
		SO_2 0.01	0.02	
		VOC 0.10	0.44	

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
EXHSTKG1	Generator Engine (2.0 g NO_x/bhp hr)	CO	27.75	125.50
		NO_x	18.50	81.00
		PM_{10} 0.31	1.36	
		SO_2 0.02	0.08	
		VOC 3.67	16.07	
EXHSTKG2	Generator Engine (2.0 g NO_x/bhp hr)	CO	27.75	125.50
		NO_x	18.50	81.00
		PM_{10} 0.31	1.36	
		SO_2 0.02	0.08	
		VOC 3.67	16.07	
EXHSTKG3	Generator Engine (2.0 g NO_x/bhp hr)	CO	27.75	125.50
		NO_x	18.50	81.00
		PM_{10} 0.31	1.36	
		SO_2 0.02	0.08	
		VOC 3.67	16.07	
EXHSTKG4	Generator Engine (2.0 g NO_x/bhp hr)	CO	27.75	125.50
		NO_x	18.50	81.00
		PM_{10} 0.31	1.36	
		SO_2 0.02	0.08	
		VOC 3.67	16.07	
EXHSTKG5	Generator Engine (2.0 g NO_x/bhp hr)	CO	2.97	13.05
		NO_x	1.98	8.67
		PM_{10} 0.08	0.35	
		SO_2 0.01	0.03	
		VOC 0.12	0.53	
EXHSTKGR1	Glycol Reboiler	CO	0.06	0.26
		NO_x 0.29	1.25	
		PM_{10} 0.03	0.14	
		SO_2 0.01	0.01	
		VOC 0.05	0.22	

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**
EXHSTKGR2	Glycol Reboiler	CO	0.01	0.02
		NO_x	0.03	0.10
		PM_{10}	0.01	0.01
		SO_2	0.01	0.01
		VOC	0.05	0.22
EXHSTKH1A	Turbine (6) (14.3 MW)	CO	43.61	191.03
		NO_x	29.07	127.33
		PM_{10}	0.44	1.93
		SO_2	0.23	1.00
		VOC	0.14	0.61
EXHSTKH1B	Turbine (6)	CO	43.61	191.03
		NO_x	29.07	127.33
		PM_{10}	0.44	1.93
		SO_2	0.23	1.00
		VOC	0.14	0.61
EXHSTKH1C	Turbine (6)	CO	43.61	191.03
		NO_x	29.07	127.33
		PM_{10}	0.44	1.93
		SO_2	0.23	1.00
		VOC	0.14	0.61
EXHSTKH2A	Turbine (6) (14.3 MW)	CO	43.61	191.03
		NO_x	29.07	127.33
		PM_{10}	0.44	1.93
		SO_2	0.23	1.00
		VOC	0.14	0.61
EXHSTKH2B	Turbine (6)	CO	43.61	191.03
		NO_x	29.07	127.33
		PM_{10}	0.44	1.93
		SO_2	0.23	1.00
		VOC	0.14	0.61
EXHSTKH2C	Turbine (6)	CO	43.61	191.03

			NO_x 29.07	127.33	
			PM_{10} 0.44	1.93	
			SO_2 0.23	1.00	
			VOC 0.14	0.61	
EXHSTKH1A	Oil Heater No. 1		CO	7.72	33.83
	(93.8 MMBtu/hr)		NO_x	9.20	40.28
			PM_{10} 0.70	3.06	
			SO_2 0.06	0.24	
			VOC 0.51	2.22	
EXHSTKH2A	Oil Heater No. 2		CO	8.67	38.00
	(105.3 MMBtu/hr)		NO_x	10.32	45.20
			PM_{10} 0.78	3.43	
			SO_2 0.06	0.27	
			VOC 0.57	2.49	
SUMPK3	Sump K3		VOC	0.03	0.14
TRKLOAD	Slop Oil Tank Truck Loading		VOC	0.07	0.31
TRKLOAD92	Slop Oil Tank Truck Unloading		VOC	0.01	0.01
VENTCON	Condensate Tank		VOC	0.16	0.68
VENTMDEA1	MDEA Reboiler		VOC	0.34	1.49
VENTOIL92	Heating Oil Tank		VOC	0.01	0.01
VENTTK1	Slop Oil Tank		VOC (5)	2.75	12.03
VENTTK2	Gun Barrel Tank		VOC	1.77	7.77
VENTTK2	Condensate Tank		VOC	0.28	1.25
FUGITIVES	Process Fugitives (4)		VOC	3.83	16.79

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

(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) This EPN shall be permanently shutdown and rendered inoperable by October 1, 2007.
(6) Common exhaust stack

* 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.