EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 26395

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**
305B	Compressor Engine No. 1 Waukesha L7042GU	NO_x	4.52	19.33
		CO	6.78	28.99
		SO_2	0.01	0.02
		VOC	0.57	2.42
		PM_{10}	0.15	0.64
305B	Compressor Engine No. 1 Waukesha L7042GU (6)	NO_x	24.84	2.49
		CO	18.07	1.81
		SO_2	0.01	0.01
		VOC	0.57	0.06
		PM_{10}	0.15	0.02
305A	Compressor Engine No.2 Waukesha L7042GU	NO_x	4.52	19.33
		CO	6.78	28.99
		SO_2	0.01	0.02
		VOC	0.57	2.42
		PM_{10}	0.15	0.64
305A	Compressor Engine No.2 Waukesha L7042GU (6)	NO_x	24.84	2.49
		CO	18.07	1.81
		SO_2	0.01	0.01
		VOC	0.57	0.06
		PM_{10}	0.15	0.02
301A	Compressor Engine No.1 Waukesha L7042GSI	NO_x	6.52	27.90
		CO	9.78	41.84
		SO_2	0.01	0.03
		VOC	0.82	3.49
		PM_{10}	0.23	0.96

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**
301A	Compressor Engine No.1 Waukesha L7042GSI (6)	NO_x	35.85	3.59
		CO	26.07	2.61
		SO_2 0.01	0.01	
		VOC 0.82	0.09	
		PM_{10} 0.23	0.03	
301B	Compressor Engine No. 2 Waukesha L7042GSI	NO_x	6.52	27.90
		CO	9.78	41.84
		SO_2 0.01	0.03	
		VOC 0.82	3.49	
		PM_{10} 0.23	0.96	
301B	Compressor Engine No. 2 Waukesha L7042GSI (6)	NO_x	35.85	3.59
		CO	26.07	2.61
		SO_2 0.01	0.01	
		VOC 0.82	0.09	
		PM_{10} 0.23	0.03	
304B	Compressor Engine Waukesha F2895 GU	NO_x	1.86	7.95
		CO	2.79	11.92
		SO_2 0.01	0.01	
		VOC 0.24	1.00	
		PM_{10} 0.08	0.31	
304B	Compressor Engine Waukesha F2895 GU (6)	NO_x	10.21	1.03
		CO	7.43	0.75
		SO_2 0.01	0.01	
		VOC 0.24	0.03	
		PM_{10} 0.08	0.01	
C-4	Compressor Engine No. 1 Waukesha L7042GL	NO_x	5.87	25.11
		CO	1.73	7.40
		SO_2	0.01	0.03
		VOC	0.66	2.79

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**
		PM_{10} 0.11	0.47	
C-4	Compressor Engine No. 1	NO_x	5.87	0.59
	Waukesha L7042GL (6)	CO	8.64	0.87
		SO_2	0.01	0.01
		VOC	3.26	0.33
		PM_{10} 0.11	0.02	
C-5	Compressor Engine No.2	NO_x	5.87	25.11
	Waukesha L7042GL	CO	1.73	7.40
		SO_2	0.01	0.03
		VOC	0.66	2.79
		PM_{10} 0.11	0.47	
C-5	Compressor Engine No.2	NO_x	5.87	0.59
	Waukesha L7042GL (6)	CO	8.64	0.87
		SO_2	0.01	0.01
		VOC	3.26	0.33
		PM_{10} 0.11	0.02	
C-44	Compressor Engine	NO_x	1.83	7.84
	Caterpillar G379TA	CO	2.75	11.75
		SO_2	0.01	0.01
		VOC	0.23	0.98
		PM_{10} 0.07	0.28	
C-44	Compressor Engine	NO_x	8.97	0.90
	Caterpillar G379TA (6)	CO	9.79	0.98
		SO_2	0.01	0.01
		VOC	0.23	0.03
		PM_{10} 0.07	0.01	
G-70	Compressor Engine	NO_x	2.65	11.33
	Caterpillar G3412SITA	CO	3.97	16.99

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**
		SO_2	0.01	0.02
		VOC	0.34	1.42
		PM_{10} 0.10	0.39	
G-70	Compressor Engine Caterpillar G3412SITA (6)	NO_x	15.48	1.55
		CO	15.48	1.55
		SO_2	0.01	0.01
		VOC	0.34	0.04
		PM_{10} 0.10	0.01	
C-2	Compressor Engine No. 1 Caterpillar G3606LE	NO_x	7.35	31.43
		CO	1.84	7.86
		SO_2	0.01	0.03
		VOC	0.74	3.15
		PM_{10} 0.12	0.50	
C-2	Compressor Engine No. 1 Caterpillar G3606LE (6)	NO_x	7.35	0.74
		CO	9.18	0.92
		SO_2	0.01	0.01
		VOC	3.68	0.37
		PM_{10} 0.12	0.02	
C-3	Compressor Engine No. 2 Caterpillar G3606LE	NO_x	7.35	31.43
		CO	1.84	7.86
		SO_2	0.01	0.03
		VOC	0.74	3.15
		PM_{10} 0.12	0.50	
C-3	Compressor Engine No. 2 Caterpillar G3606LE (6)	NO_x	7.35	0.74
		CO	9.18	0.92
		SO_2	0.01	0.01
		VOC	3.68	0.37
		PM_{10} 0.12	0.02	

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**
C-33	Compressor Engine No. 3 Waukesha L7042GL	NO_x	5.87	25.11
		CO	1.73	7.40
		SO_2	0.01	0.03
		VOC	0.66	2.79
		PM_{10}	0.11	0.47
C-33	Compressor Engine No. 3 Waukesha L7042GL (6)	NO_x	5.87	0.59
		CO	8.64	0.87
		SO_2	0.01	0.01
		VOC	3.26	0.33
		PM_{10}	0.11	0.02
C-34	Compressor Engine No. 4 Waukesha L7042GL	NO_x	5.87	25.11
		CO	1.73	7.40
		SO_2	0.01	0.03
		VOC	0.66	2.79
		PM_{10}	0.11	0.47
C-34	Compressor Engine No. 4 Waukesha L7042GL (6)	NO_x	5.87	0.59
		CO	8.64	0.87
		SO_2	0.01	0.01
		VOC	3.26	0.33
		PM_{10}	0.11	0.02
C-35	Compressor Engine No. 5 Waukesha L7042GL	NO_x	5.87	25.11
		CO	1.73	7.40
		SO_2	0.01	0.03
		VOC	0.66	2.79
		PM_{10}	0.11	0.47
C-35	Compressor Engine No. 5 Waukesha L7042GL (6)	NO_x	5.87	0.59
		CO	8.64	0.87
		SO_2	0.01	0.01
		VOC	3.26	0.33

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**
		PM_{10} 0.11	0.02	
A7	Glycol Unit Reboiler Plant A	NO_x	0.03	0.13
		CO	0.03	0.11
		SO_2 0.01	0.01	
		VOC (5)	0.14	0.55
		PM_{10} 0.01	0.01	
B-10	Glycol Unit Reboiler No. 1 Plant B	NO_x	0.05	0.22
		CO	0.05	0.19
		SO_2 0.01	0.01	
		VOC (5)	0.07	0.27
		PM_{10} 0.01	0.02	
B-11	Glycol Unit Reboiler No. 2 Plant B	NO_x	0.05	0.22
		CO	0.05	0.19
		SO_2 0.01	0.01	
		VOC (5)	0.07	0.27
		PM_{10} 0.01	0.02	
A8	Regeneration Gas Heater Plant A	NO_x	0.18	0.77
		CO	0.15	0.65
		SO_2 0.01	0.01	
		VOC 0.01	0.05	
		PM_{10} 0.02	0.06	
6	Regeneration Gas Heater Plant B	NO_x	0.17	0.73
		CO	0.14	0.61
		SO_2	0.01	0.01
		PM_{10}	0.02	0.06
		VOC	0.01	0.04
A10	Plant A Flare (7)	NO_x	203.21	2.64
		CO 405.68	5.27	

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**
		SO_2	0.94	0.02	
		VOC	153.25	1.89	
		H_2S	0.01	0.01	
7	Plant B Flare (7)		NO_x	159.64	1.97
			CO	318.70	3.94
		SO_2	0.74	0.01	
			VOC	120.41	1.46
		H_2S	0.01	0.01	
1302	Condensate Tank		VOC	0.29	0.64
AD-HR-01	Spent Lube Oil Tank		VOC	0.01	0.01
AD-HR-02	Lube Oil Tank		VOC	0.01	0.01
AD-HR-03	Diesel Tank		VOC	0.01	0.01
AD-HR0-04	Gasoline Tank		VOC	0.11	0.23
AD-HR-05	Slop Water Tank		VOC	0.11	0.24
AD-HR-06	Condensate Tank		VOC	0.89	1.95
AD-HR-07	Slop Water Tank		VOC	0.11	0.24
AD-HR-10	Lube Oil Tank		VOC	0.01	0.01
AD-HR-11	Lube Oil Tank		VOC	0.01	0.01
AD-HR-12	Spent Lube Oil Tank		VOC	0.01	0.01
AD-HR-13	Lube Oil Tank		VOC	0.01	0.01
AD-HR-14	Lube Oil Tank		VOC	0.01	0.01

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**
AD-HR-15	Lube Oil Tank	VOC	0.01	0.01
AD-HR-16	Slop Water Tank	VOC	0.11	0.22
AD-HR-17	Lube Oil Tank	VOC	0.01	0.01
AD-HR-18	Methanol Tank	VOC	0.01	0.02
AD-HR-20	Ethylene Glycol Tank	VOC	0.01	0.01
AD-HR-21	Ethylene Glycol Tank	VOC	0.01	0.01
AD-HR-22	Ethylene Glycol Tank	VOC	0.01	0.01
AD-HR-23	Lube Oil Tank	VOC	0.01	0.01
AD-HR-24	Triethylene Glycol Tank	VOC	0.01	0.01
AD-HR-25	Triethylene Glycol Tank	VOC	0.01	0.01
AD-HR-26	Ethylene Glycol Tank	VOC	0.01	0.01
AD-HR-27	Ethylene Glycol Tank	VOC	0.01	0.01
AD-HR-28	Lube Oil Tank	VOC	0.01	0.01
LOAD-02	Gasoline Vehicle Loading	VOC	0.40	0.07
LOAD-03	Diesel Vehicle Loading	VOC	0.01	0.01
SLOPLOAD	Slop Oil Truck Loading	VOC	0.06	0.01
FUG-A	Plant A Fugitive Emissions (4)	VOC	0.62	2.70
		H_2S	0.01	0.01

FUG-B	Plant B Fugitive Emissions (4)	VOC		0.66	2.91
		H_2S	0.01	0.01	

(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
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
PM - particulate matter, suspended in the atmosphere, including PM_{10}.
PM_{10} - particulate matter 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.
CO - carbon monoxide
H_2S - hydrogen sulfide

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
(5) Includes BTEX control unit emissions.
(6) Maintenance start-up and shut down (MSS) emissions associated with catalyst MSS activities.
(7) Includes MSS emissions resulting from plant equipment depressurization activities.
* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

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

____Hrs/day __Days/week __Weeks/year or 8,760 Hrs/year

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**

Dated August 15, 2006