EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20205

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	Emission Rates TPY
GC-100	Waukesha 2,587 bhp Natural Gas-Fired Compressor Engine	CO	14	62
		NO_x	8.5	37
		VOC	2.3	10
		SO_2	0.012	0.052
GC-200	Waukesha 2,587 bhp Natural Gas-Fired Compressor Engine	CO	14	62
		NO_x	8.5	37
		VOC	2.3	10
		SO_2	0.012	0.052
GC-300	Waukesha 2,587 bhp Natural Gas-Fired Compressor Engine	CO	14	62
		NO_x	8.5	37
		VOC	2.3	10
		SO_2	0.012	0.052
GC-400	Caterpillar 3,335 bhp Natural Gas-Fired Compressor Engine	CO	14	61
		NO_x	5.1	23
		VOC	2.1	9.0
		SO_2	0.015	0.066
GC-500	Caterpillar 3,335 bhp Natural Gas-Fired Compressor Engine	CO	14	61
		NO_x	5.1	23
		VOC	2.1	9.0
		SO_2	0.015	0.066
GC-600	Caterpillar 3,335 bhp Natural Gas-Fired Compressor Engine	CO	14	61
		NO_x	5.1	23
		VOC	2.1	9.0

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	0.015	0.066

Total emissions from all six natural gas-fired compressor engines or any combination of these engines are as follows:

	Natural Gas-Fired Compressor Engines	CO		226
		NO_x		110
		VOC		35
		SO_2		0.21
R-610	Glycol Reboiler	CO	0.052	0.23
		NO_x	0.25	1.1
		VOC	0.010	0.042
		SO_2	0.001	0.007
		PM	0.030	0.13
R-620	Glycol Reboiler	CO	0.052	0.23
		NO_x	0.25	1.1
		VOC	0.010	0.042
		SO_2	0.001	0.007
		PM	0.030	0.13
R-630	Glycol Reboiler	CO	0.052	0.23
		NO_x	0.25	1.1
		VOC	0.010	0.042
		SO_2	0.001	0.007
		PM	0.030	0.13
R-611	Glycol Condenser	VOC	23.42	70.6
R-621	Glycol Condenser	VOC	23.42	70.6
R-631	Glycol Condenser	VOC	23.42	70.6

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
MIP-100	Methanol Injection Pump	VOC	0.072	0.011

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EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
MIP-200	Methanol Injection Pump	VOC	0.072	0.011
MIP-300	Methanol Injection Pump	VOC	0.072	0.011
D-680	Triethylene Glycol Tank	VOC	0.102	0.01
D-940	Lube Oil Tank	VOC	<0.01	<0.01
D-950	Ethylene Glycol Tank	VOC	<0.01	<0.01
D-960	Lube Oil Tank	VOC	<0.01	<0.01
D-966	Lube Oil Tank	VOC	<0.01	<0.01
D-970	Methanol Tank	VOC	17.6	0.21
D-980	Diesel Tank	VOC	0.09	<0.01
F-1	Truck Loading Fugitives (4)	VOC	0.024	0.018
F-2	Plant Fugitives (4)	VOC	0.31	1.4
CAT	Diesel Pump Engine	CO	3.3	14
		NO_x	4.1	18
		VOC	0.93	4.1
DG-1	Standby Generator Engine	CO	2.4	0.38
		NO_x	11	1.8
		VOC	0.92	0.14
		SO_2	0.75	0.12
		PM	0.81	0.13
BLD-VENT	Compressor Purge Vent	**		

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.
(2) Specific point source name. For fugitive sources use area name or fugitive source name.
(3) CO - carbon monoxide
NO_x - total oxides of nitrogen
VOC - volatile organic compounds as defined in General Rule 101.1
SO_2 - sulfur dioxide
PM - particulate matter
(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:

** Emissions occur during upset conditions only.

_____ Hrs/day_____ Days/week_____ Weeks/year or 8,760 Hrs/year

Dated_____