EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 79098

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**
STK-B1	Waukesha 2895GL Engine	NO_x	1.94	8.48
		CO	3.54	
		SO_2	0.02	
		PM_{10}	0.19	
		VOC	1.09	
STK-B2	Waukesha 8L-AT27GL Engine	NO_x	6.92	30.28
		CO	12.62	
		SO_2	0.04	
		PM_{10}	0.66	
		VOC	3.89	
STK-B3	Waukesha 8L-AT27GL Engine	NO_x	6.92	30.28
		CO	12.62	
		SO_2	0.04	
		PM_{10}	0.66	
		VOC	3.89	
STK-B4	Caterpillar G3606LETA Engine	NO_x	5.51	24.12
		CO	10.05	
		SO_2	0.03	
		PM_{10}	0.51	
		VOC	3.02	
STK-B5	Caterpillar G3606LETA Engine	NO_x	5.51	24.12
		CO	10.05	
		SO_2	0.03	
		PM_{10}	0.51	
		VOC	3.02	

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
STK-B8	Caterpillar G3516TALE Engine	NO_x	4.44	19.41
		CO	2.22	9.71
		SO_2	0.01	0.03
		PM_{10}	0.11	0.45
		VOC	0.60	2.62
STK-B9	Caterpillar G3516TALE Engine	NO_x	4.44	19.41
		CO	2.22	9.71
		SO_2	0.01	0.03
		PM_{10}	0.11	0.45
		VOC	0.60	2.62
STK-B10	Caterpillar G3516TALE Engine	NO_x	4.44	19.41
		CO	2.22	9.71
		SO_2	0.01	0.03
		PM_{10}	0.11	0.45
		VOC	0.60	2.62
STK-B11	Caterpillar G3516TALE Engine	NO_x	4.44	19.41
		CO	2.22	9.71
		SO_2	0.01	0.03
		PM_{10}	0.11	0.45
		VOC	0.60	2.62
GEN-3B	Caterpillar 3516SITA Engine	NO_x	4.79	10.60
		CO	7.18	15.90
		SO_2	0.01	0.02
		PM_{10}	0.17	0.37
		VOC	0.26	0.56
GEN-5	Caterpillar G3516TALE Engine	NO_x	4.79	10.60
		CO	7.18	15.90
		SO_2	0.01	0.02
		PM_{10}	0.09	0.19

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**
		VOC	0.97	2.14	
FUG	Total Plant Fugitive Emissions (4)	VOC	0.97	4.21
		H_2S	0.01	0.01	
Tank-22	Methanol Tank	VOC	0.02	0.04
LubeTanks	Lube Oil Tanks	VOC	0.01	0.01
AmineTanks	Amine Tanks	VOC	0.01	0.01
TEGTanks	Glycol (TEG) Tanks	VOC	0.01	0.01
CoolTanks	Antifreeze Tanks	VOC	0.01	0.01
Tank-Diesel	Diesel Fuel Tank	VOC	0.01	0.01
Tank-Gasoline	Utility Gasoline Tank	VOC	0.14	0.30
Tank-Unleaded	Vehicle Gasoline Tank	VOC	0.37	0.80
SoapTank1	Soap Tank 1	VOC	0.01	0.01
SoapTank2	Soap Tank 2	VOC	0.01	0.01
Classifier	Classifier	VOC	0.25	1.10
Amine-1	Amine Unit Still Vent	VOC	1.99	8.68
		H_2S	1.33	5.81	
HMHTR-1A	Plant Hot Oil Heater	NO_x	0.80	3.48
		CO	0.67	2.93
		SO_2	0.01	0.03
		PM_{10}	0.07	0.27
		VOC	0.05	0.20
GLYREB	Glycol Unit Reboiler	NO_x	0.20	0.86
		CO	0.17	0.73
		SO_2	0.01	0.01
		PM_{10}	0.02	0.05

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**
		VOC	0.02	0.05	
CoolTower	Cooling Water Tower		VOC	0.36	1.58
Flare1	Emergency/Process Vent		NO_x	0.05	0.22
		CO	0.10	0.44	
		SO_2	0.01	0.04	
		H_2S	0.01	0.01	
		VOC	0.25	1.09	
FWPmpEng	Firewater Pump engine		NO_x	14.02	6.14
		CO	3.02	1.33	
		SO_2	0.93	0.41	
		PM_{10}	0.99	0.44	
		VOC	1.15	0.51	

(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} and $PM_{2.5}$.
PM_{10} - particulate matter equal to or less than 10 microns in diameter.
CO - carbon monoxide
H_2S - hydrogen sulfide
(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:

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.

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 January 12, 2007