EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 85724

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**
6P1 REHEAT	6P1 Reheater 2.04 MMBtu/hr fired duty	CO NO_x PM_{10} SO_2 VOC	0.17 0.20 0.02 0.01 0.01	0.74 0.88 0.07 0.01 0.05
6P3 REHEAT	6P3 Reheater 2.04 MMBtu/hr fired duty	CO NO_x PM_{10} SO_2 VOC	0.17 0.20 0.02 0.01 0.01	0.74 0.88 0.07 0.01 0.05
709	1,000 horsepower (5) 4 stroke rich burn engine Waukesha L7042SGIU	CO NO_x PM_{10} SO_2 VOC	4.41 4.41 0.15 0.01 0.22	19.31 19.31 0.65 0.03 0.99
710	1,000 horsepower (5) 4 stroke rich burn engine Waukesha L7042SGIU	CO NO_x PM_{10} SO_2 VOC	4.41 4.41 0.15 0.01 0.22	19.31 19.31 0.65 0.03 0.99
711	1,000 horsepower (5) 4 stroke rich burn engine Waukesha L7042SGIU	CO NO_x PM_{10} SO_2 VOC	4.41 4.41 0.15 0.01 0.22	19.31 19.31 0.65 0.03 0.99
900	2,200 horsepower (7) 2 stroke lean burn engine MEP Engine	CO NO_x PM_{10} SO_2	5.13 14.55 0.81 0.02	22.50 42.49 3.54 0.07

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	Emission Rates * TPY**
		VOC	0.36	1.56

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**
901	2,200 horsepower (7) 2 stroke lean burn engine MEP Engine	CO NO_x PM_{10} SO_2 VOC	9.70 14.55 0.81 0.02 0.36	42.49 42.49 3.54 0.07 1.56
902	2,200 horsepower (7) 2 stroke lean burn engine MEP Engine	CO NO_x PM_{10} SO_2 VOC	9.70 14.55 0.81 0.02 0.36	42.49 42.49 3.54 0.07 1.56
991	4,700 horsepower (6) Solar T-4700 Solonox turbine	CO NO_x PM_{10} SO_2 VOC	4.94 6.20 0.28 0.14 0.09	21.64 27.16 1.23 0.63 0.39
992	4,700 horsepower (6) Solar T-4700 Solonox turbine	CO NO_x PM_{10} SO_2 VOC	0.26 6.63 0.28 0.14 0.09	1.14 29.05 1.23 0.63 0.39
1034	1,000 horsepower (5) 4 stroke rich burn engine	CO NO_x PM_{10} SO_2 VOC	6.61 4.41 0.15 0.01 0.22	28.97 19.31 0.65 0.03 0.99
1035	1,000 horsepower (5) 4 stroke rich burn engine	CO NO_x PM_{10} SO_2 VOC	6.61 4.41 0.15 0.01 0.22	28.97 19.31 0.65 0.03 0.99
AFTANK1	Antifreeze Storage Tank	VOC	0.01	0.01
AFTANK2	Antifreeze Storage Tank	VOC	0.01	0.01
AMINETK1	Amine Storage Tank	VOC	0.01	0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	Emission Rates * TPY**
AMINEREBOIL	Amine Reboiler 6.12 MMBtu/hr fired duty	CO	0.50	2.21
		NO_x	0.60	2.63
		PM_{10}	0.05	0.20
		SO_2	0.01	0.02
		VOC	0.03	0.14
CONDTK1	Condensate Tank 1	VOC	3.36	0.19
CONDTK2	Condensate Tank 2	VOC	3.36	0.19
FLARE-1	Flare	CO	0.0	0.0
		NO_x	0.0	0.0
		SO_2	0.0	0.0
		VOC	0.0	0.0
LOAD	Condensate Tank Truck Losses	VOC	1.61	0.11
LUBETK1	Lube Oil Tank 1	VOC	0.01	0.01
LUBETK2	Lube Oil Tank 2	VOC	0.01	0.01
LUBETK3	Lube Oil Tank 3	VOC	0.01	0.01
LUBETK4	Lube Oil Tank 4	VOC	0.01	0.01
LUBETK5	Lube Oil Tank 5	VOC	0.01	0.01
LUBETK6	Lube Oil Tank 6	VOC	0.01	0.01
LUBETK7	Lube Oil Tank 7	VOC	0.01	0.01
LUBETK8	Lube Oil Tank 8	VOC	0.01	0.01
LUBETK9	Lube Oil Tank 9	VOC	0.01	0.01
LUBETK10	Lube Oil Tank 10	VOC	0.01	0.01
PRODTK1	Product Tank	VOC	3.36	0.19
SLOPTK1	Slop Oil Tank 1	VOC	0.01	0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY**
SLOPTK2	Slop Oil Tank 2	VOC	0.01	0.01
FUGKKK	Process Fugitives (4)	VOC	0.41	1.80
FUG	Process Fugitives (4)	VOC	1.90	8.30

(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
PM_{10} - particulate matter less than 10 microns
SO_2 - sulfur dioxide
VOC - volatile organic compounds as defined in 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) Equipped with non selective catalyst reduction
(6) Equipped with Solonox combustors
(7) Equipped with CO catalytic converter only.

* 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.