EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 26045

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
DDGH01	Waste Gas Burner No. 1	SO_2	4.16	15.19
		H_2S	0.05	0.17
		CO	3.67	13.40
		NO_x	0.43	1.56
DDGH02	Waste Gas Burner No. 2	SO_2	4.16	15.19
		H_2S	0.05	0.17
		CO	3.67	13.40
		NO_x	0.43	1.56
DDGH03	Waste Gas Burner No. 3	SO_2	4.16	15.19
		H_2S	0.05	0.17
		CO	3.67	13.40
		NO_x	0.43	1.56
DDGH04	Waste Gas Burner No. 4	SO_2	4.16	15.19
		H_2S	0.05	0.17
		CO	3.67	13.40
		NO_x	0.43	1.56
DDGH05	Waste Gas Burner No. 5	SO_2	4.16	15.19
		H_2S	0.05	0.17
		CO	3.67	13.40
		NO_x	0.43	1.56
DDGH01-5	Waste Gas Burners Nos. 1 to 5 combined	SO_2	12.49	39.49
		H_2S	0.14	0.45
		CO	11.01	34.84
		NO_x	1.28	4.06

WWWH01	Boiler No. 1	SO_2	4.13	10.54
		CO	1.01	2.57
		NO_x	0.83	2.11
		PM_{10}	0.06	0.16
WWWH02	Boiler No. 2	SO_2	4.13	10.54
		CO	1.01	2.57
		NO_x	0.83	2.11
		PM_{10}	0.06	0.16
WWWH03	Boiler No. 3	SO_2	0.66	1.69
		CO	0.16	0.41
		NO_x	0.13	0.34
		PM_{10}	0.01	0.03

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.
(2) Specific point source name.
(3) SO_2 - sulfur dioxide
H_2S - hydrogen sulfide
CO - carbon monoxide
NO_x - total oxides of nitrogen
PM_{10} - particulate matter less than 10 microns in diameter

* Emission rates are based on and the facilities are limited by the following maximum operating schedule and operating scenarios:

_____ Hrs/day ____ Days/week ____ Weeks/year or 8,760 Hrs/year

Scenario No. 1 - In the summer season (six months of the year), the Flares (DDGH01 to DDGH05) burn up to 90 percent of the maximum daily waste gas flowrate of 800,000 SCFD. Three flares normally handle the waste stream.

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Scenario No. 2 - In the winter season (six months of the year), the flares burn up to 40 percent of the maximum daily waste gas flowrate of 800,000 SCFD. Two flares normally handle the waste stream.

Maximum hourly flare emissions are based on any three flares burning the summer waste stream. Maximum annual flare emissions are based on a flare burning the maximum amount of gas in both the summer and winter seasons.

Maximum hourly boiler emissions are based on Scenario No. 2, in which the boilers burn up to 60 percent of the maximum daily waste gas flowrate of 800,000 SCFD.

Dated_____