EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 2265A

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
MHFLIGSTK	Stack for MHF	PM/PM_{10}	3.30	13.0
		NO_x	15.60	45.0
		CO	11.37	49.8
		SO_2	11.00	31.9
		VOC	0.95	4.16
MHFFUGTIV	Fugitive Emissions from MHF (4)	PM/PM_{10}	0.10	0.29
MHFGACPT	Post-Treated Process	PM/PM_{10}	0.01	0.01
MHFLIGSTK	Maintenance/Startup/Shutdown	PM/PM_{10}		3.30
				0.30
		NO_x	15.6	1.40
		CO	101.6	2.91
		SO_2	11.00	0.99
		VOC	0.95	0.09
MHFEMERSTK	MHF Emergency Stack	PM/PM_{10}	0.50	0.10
		NO_x	3.0	0.60
		CO	5.1	1.0
		SO_2	0.1	0.02
		VOC	0.4	0.08

(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 area name or fugitive source name.

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(3) 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.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code ' 101.1
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
CO - carbon monoxide

(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:

Hrs/day ___ Days/week ___ Weeks/year ___or Hrs/year 8,760

Production of Liquid Phase Activated Carbon

Hrs/day ___ Days/week ___Weeks/year ___ or Hrs/year 6,810

Dated October 19, 2009