EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 94510 and PSDTX1250

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
BLR	Biomass Boiler 50 MW (Normal Operation) (5)	NO_X	51.71	226.47
		CO	138.00	226.47
		VOC	6.89	24.16
		$PM/PM_{10}/PM_{2.5}$	17.24	75.49
		SO_2	17.24	75.49
		NH_3	6.55	28.69
		HCl	13.79	60.39
		H_2SO_4	0.69	3.02
		Pb	0.03	0.14
BLR	Biomass Boiler 50 MW (Startup and Shutdown) (6)	NO_X	93.06	---
		CO	206.82	---
		VOC	6.89	---
		$PM/PM_{10}/PM_{2.5}$	17.24	---
		SO_2	17.24	---
		NH_3	6.55	---
		HCl	13.79	---
		H_2SO_4	0.69	---
		Pb	0.03	---
COOLTWR	Cooling Tower (7)	PM	0.14	0.62
		PM_{10}	0.12	0.52

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		$PM_{2.5}$	0.0005	0.002
EG1	Emergency Generator Engine (7)	NO_X	10.15	1.01
		CO	0.65	0.07
		VOC	0.20	0.002
		$PM/PM_{10}/PM_{2.5}$	0.626	0.06
		SO_2	0.21	0.02
WOOD	Wood Fuel Handling (7)	PM	0.99	2.36
		PM_{10}	0.82	1.66
		$PM_{2.5}$	0.81	1.64
RICEHULL	Rice Hull Fuel Handling (7)	PM	0.16	0.25
		PM_{10}	0.14	0.21
		$PM_{2.5}$	0.12	0.18
ASH	Ash Management (7)	PM	0.04	0.18
		PM_{10}	0.03	0.12
		$PM_{2.5}$	0.02	0.10
TDSL	Diesel Storage Tank (7)	VOC	0.12	0.0005
FUG-DSL	Diesel Service (7) (8)	VOC	0.11	0.5
FUG-NH3	Ammonia Service (7) (8)	NH_3	0.004	0.02

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MSSFUG	Planned MSS ILE and non-ILE Activities (8)	NO_X	0.31	0.17
		CO	0.07	0.04
		VOC	2.00	0.84
		PM	1.48	0.10
		PM_{10}	0.35	0.02
		$PM_{2.5}$	0.04	0.01
		SO_2	0.02	0.01
		NH_3	3.99	0.0039

(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) 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 - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
NH_3 - ammonia
Pb - lead
HCl - hydrogen chloride
H_2SO_4 - sulfuric acid
(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(5) The tpy emission limit specified in the MAERT for this facility includes emissions from the facility during both normal operations and planned MSS activities.
(6) For each pollutant whose emissions during planned MSS activities are measured using a CEMS, the MSS lb/hr limits apply only during each clock hour that includes one or more minutes of MSS activities. During all other clock hours, the normal lb/hr limits apply.
(7) The lb/hr and tpy emission limit specified in the MAERT for this facility includes emissions from the facility during both normal operations and planned MSS activities.
(8) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: _____