Emission Sources - Maximum Allowable Emission Rates

Permit Numbers 9015 and PSDTX325M2

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 (4)	TPY (5)
1	Steam Generator 6,800 MMBtu/hr (6)	NO_x	3,400.0 (30-day rolling average)	14,892.0
		SO_2	3,410.0 (3-hour rolling average)	14,936.0
		PM (front-half)	205.4	900.0
		$PM/PM_{10}/PM_{2.5}$ (front-half) (MSS)	1,440	-
		CO	444.1 (30-day rolling average)	1,945.0
		VOC	4.4	19.3
Fugitive PM Sources (7)				
FS1	Rotary Car Dump	PM	2.38	1.74
		PM_{10}	1.12	0.82
		Opacity	10 percent	
FS2	Transfer - Coal to Storage	PM	13.28	9.69
		PM_{10}	6.26	4.57
		Opacity	10 percent	
FS3	Transfer - Coal Storage to Boiler Bins	PM	1.63	2.98
		PM_{10}	0.77	1.41
		Opacity	10 percent	
FS4	Active Coal Pile	PM	4.8	20.9
		Opacity	20 percent	
FS5	Inactive Coal Pile	PM	4.8	21.2

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		Opacity	10 percent	
FS6	Limestone Car Dumper	PM	2.7	0.4
		No visible emissions		
FS7	Transfer - Limestone to Storage	PM	0.4	<0.1
		No visible emissions		
FS8	Transfer - Limestone Storage to Mill Bins	PM	0.2	<0.1
		No visible emissions		
FS9	Inactive Limestone Storage	PM	<0.1	<0.1
		No visible emissions		
FS10A	Fly Ash Handling (ESP)	PM	18.0	3.3
		Opacity	10 percent	
FS10B	Fly Ash Handling (Economizer/Air Heaters	PM	18.0	0.6
		Opacity	10 percent	
Total Fugitive PM Source Emissions (7)		PM	-	61.1
MSS-FUG	MSS Fugitives	VOC	274.50	1.13
		$PM/PM_{10}/PM_{2.5}$	5.95	2.64
		NO_x	0.07	<0.01
		CO	0.21	0.03
		SO_2	0.02	<0.01

Emission Sources - Maximum Allowable Emission Rates

(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
(4) Planned maintenance, startup, and shutdown (MSS) lbs/hour emissions for all pollutants are authorized even if not specifically identified as MSS. During any clock hour that includes one or more minutes of planned MSS, that pollutant's maximum hourly emission rate shall apply during that clock hour.
(5) Compliance with annual emission rates is based on a 12-month rolling period. Annual emission rates for each source include planned MSS emissions.
(6) The steam generator is limited to 20 percent opacity with one six-minute average opacity per hour not to exceed 27 percent in accordance with the exception of Title 40 Code of Federal Regulations § 60.42da(b) and in accordance with the limitations and conditions specified in Title 30 Texas Administrative Code § 111.111(a)(1)(E).
(7) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations

Date: _____