

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9015/PSD-TX-325M2

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
1	Steam Generator 6,800 MMBtu/hr (4)	NO _x	3,400.0	14,892.0
			(30-day rolling average)	
		SO ₂	3,410.0	14,936.0
			(3-hour rolling average)	
		PM (Front Half)	205.4	900.0
		CO	444.1	1,945.0
			(3-hour rolling average)	
		VOC	4.4	19.3

Fugitive PM Sources (5)

FS1	Rotary Car Dumper	PM Opacity	25.4 10 percent	18.6
FS2	Transfer-Coal to Storage	PM Opacity	6.0 10 percent	4.4
FS3	Transfer-Coal Storage to Boiler Bins	PM Opacity	2.0 10 percent	3.7
FS4	Active Coal Pile	PM Opacity	4.8 20 percent	20.9
FS5	Inactive Coal Pile	PM Opacity	4.8 10 percent	21.2
FS6	Limestone Car Dumper	PM No Visible Emissions	2.7	0.4
FS7	Transfer-Limestone to	PM	0.4	<0.1

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
	Storage	No Visible Emissions		
FS8	Transfer-Limestone Storage to Mill Bins	PM No Visible Emissions	0.2	<0.1
FS9	Inactive Limestone Storage	PM No Visible Emissions	<0.1	<0.1
FS10A	Fly Ash Handling (ESP)	PM Opacity	18.0 10 percent	3.3
FS10B	Fly Ash Handling (Economizer/Air Heaters) 10 percent	PM Opacity	18.0	0.6
Total Fugitive Source Emissions		PM		73.3

- (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) NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 CO - carbon monoxide
 PM - particulate matter, suspended in the atmosphere, including PM₁₀
 PM₁₀ - 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 30 TAC Section 101.1
- (4) The steam generator is limited to 20 percent opacity with one 6-minute average opacity per hour not to exceed 27 percent in accordance with the exception of 40 CFR 60.42a(b) and in accordance with the limitations and conditions specified in 30 TAC Section 111.111(a)(1)(E).
- (5) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission limit. Fugitive emission

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

rates are based on the operating schedule shown in the construction permit application.

* 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 or 8,760
Hrs/year

Dated _____