

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	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	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	25.4	18.6
		Opacity	10 percent	
FS2	Transfer-Coal to Storage	PM	6.0	4.4
		Opacity	10 percent	
FS3	Transfer-Coal Storage to Boiler Bins	PM	2.0	3.7
		Opacity	10 percent	
FS4	Active Coal Pile	PM	4.8	20.9
		Opacity	20 percent	
FS5	Inactive Coal Pile	PM	4.8	21.2
		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		

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
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
 CO - carbon monoxide
 PM - particulate matter, suspended in the atmosphere, including PM₁₀
 SO₂ - sulfur dioxide
 VOC - volatile organic compounds as defined in General Rule 101.1
- (4) The steam generator is limited to 10 percent opacity with one 6-minute average opacity per hour not to exceed 20 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) (Regulation I).
- (5) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission limit. Fugitive emission 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:

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Emission *	Source	Air Contaminant	Emission Rates	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
24 Hrs/day	7 Days/week	52 Weeks/year	or	8,760 Hrs/year

Dated _____