

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 35979

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	Emission	Rates
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
RRHPR1	Western Coal (WC)	PM	1.23	0.51
	Rail Unloading Hopper (4)	PM ₁₀	0.58	0.24
HTCC1	WC Unloading Hopper Transfer	PM	1.23	0.51
	to Coal Conveyor 1 (4)	PM ₁₀	0.58	0.24
CC1TC	WC Coal Conveyor 1 Transfer to	PM		0.61
	0.26			
	Telescopic Discharge Chute (4)	PM ₁₀		0.29
	0.12			
CONCPILE	WC Conical Pile Stockpile (4)	PM		-
	14.45			
		PM ₁₀	-	2.75
SURGPPILE	WC Surge Pile Stockpile (4)	PM	-	12.34
		PM ₁₀	-	2.34
SCREEN	Portable Spoils Screens (PSS) (4)	PM		1.05
	1.05			
		PM ₁₀	0.11	0.11
PITPILES,	PSS In-pit and Reclaim Stockpiles (4)	PM		-
	2.40			
OUTPILES		PM ₁₀	-	0.46
DROPDIRT,	PSS Hauling and Handling of Spoils	PM		2.73
	0.21			
LOADCOAL,	and Screened Lignite (4)	PM ₁₀	1.20	0.10

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RELOAD

ENGINE	PSS 46 HP Shaker Engine	PM ₁₀	0.02	0.03
		NO _x	0.60	0.75
		SO ₂	0.16	0.20
		CO	0.09	0.11
		VOC	0.02	0.03

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- (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) 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 Texas Administrative Code Section 101.1
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
- (4) Fugitive emissions are an estimate only.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule and production rates:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760
Hrs/year

Western Coal Unloading Facility: 6,000 Tons/hour —
5,000,000 Tons/year

Portable Spoils Screens: 250 Tons/hour (design) of spoils
materials and 350,000 Tons/year of screened lignite

Dated _____