

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 8434 and PSD-TX-441M1

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)	<u>Emission Rates*</u>	
			lbs/hr	TPY
LK- 3	Lime Kiln No. 3 Scrubber Stack	NO _x (5)	75.00	328.50
		CO (5)	50.00	219.00
		PM/PM ₁₀ (5)	15.00	65.70
		SO ₂ (5)	39.13	171.37
		H ₂ SO ₄	0.86	3.77
		VOC	5.60	24.53
		HCl	0.07	0.31
STOCK3	Kiln No. 3 Stone Stockpile (4)	PM	0.97	4.26
		PM ₁₀	0.49	2.13
REJECT2	Kiln No. 3 Reject Stockpile (4)	PM	0.01	0.06
		PM ₁₀	<0.01	0.03
CC-1	Coke Crusher (4)(6)	PM	0.02	<0.01
		PM ₁₀	0.01	<0.01
FUG-2	Fuel Handling (4)(6)	PM	0.16	0.09
		PM ₁₀	0.07	0.04
FUG-2	Fuel Stockpile (4)(6)	PM	0.09	0.39
		PM ₁₀	0.04	0.19
FUG-3	Fuel Handling (4)(6)	PM	0.05	0.05
		PM ₁₀	0.02	0.02
FUG-3	Fuel Stockpile (4)(6)	PM	0.12	0.52
		PM ₁₀	0.06	0.26
DC-5	1513 Feeder Baghouse	PM/PM ₁₀	0.13	0.57

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			lbs/hr	TPY
DC-6	1604 and 1615	PM/PM ₁₀	0.13	0.57
DC-19	1217 Solid Fuel Mill Fan Baghouse	NO _x	0.34	1.50
		CO	0.29	1.26
		PM/PM ₁₀	0.50	2.17
		VOC	0.02	0.08
		SO ₂	<0.01	0.01
DC-20	Pulverized Solid Fuel Bin Baghouse	PM/PM ₁₀	0.07	0.31
DC-26	Limestone Hopper Baghouse	PM/PM ₁₀	0.09	0.38
DC-27	Raw Solid Fuel Bins Baghouse	PM/PM ₁₀	0.08	0.33
DC-28	Trommel Screen Baghouse	PM/PM ₁₀	0.16	0.70

- (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 less than or equal to 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
- SO₂ - sulfur dioxide
NO_x - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code ' 101.1
H₂SO₄ - sulfuric acid mist
HCl - hydrogen chloride

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- (4) Fugitive emissions are an estimate only.
- (5) These emissions are permitted under PSD and State.
- (6) These EPNs are included in Permit Number 23214 and Permit Numbers 4335A and PSD-TX-31; the emission rates listed here are for emissions allocated to the Kiln No. 3 (EPN: LK-3) operation.

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

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

Dated October 6, 2006