

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 9276

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
10	Boiler Stack (5)	VOC	1.85	8.10
		NO _x	1141.20	4998.50
		SO ₂	1468.10	6430.50
		PM-dry	0.42	1.84
		PM-H ₂ SO ₄ -mist	21.67	94.91
		CO	80.80	353.90
10	Boiler Stack (6)	VOC	1.85	8.10
		NO _x	1141.20	4998.50
		SO ₂	587.24	2572.12
		PM-dry	0.42	1.84
		PM-H ₂ SO ₄ -mist	21.67	94.91
		CO	80.80	353.90
		NH ₃	5.26	23.05
1	Fugitive (4) Coke Unloading	PM	0.04	0.20
3	Fugitive (4) Coke Handling	PM		0.02
4	Fugitive (4) Limestone Unloading	PM		0.06
6	Fugitive (4) Limestone Handling	PM		0.01
7	Fugitive (4) Limestone Slurry Preparation	PM		0.04
8	Fugitive (4) Fly Ash Handling	PM		0.70
9	Fugitive (4)	PM		0.40

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
	Gypsum Handling			
FUG-AMM	Fugitive (4)(7) Ammonia	NH ₃	0.02	0.09
TK01-S	Molten Sulfur Storage Tank	H ₂ S	<0.01	<0.01

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. 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 Title 30 Texas Administrative Code Section 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 CO - carbon monoxide
 H₂SO₄ - sulfuric acid
 NH₃ - ammonia
 H₂S - hydrogen sulfide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) This allowable is effective until operation of the ammonia scrubber begins. **(3/02)**
- (6) This allowable is effective upon start of operation of the ammonia scrubber. **(3/02)**
- (7) Ammonia fugitive emissions include fugitive emissions from TK-002, TK-003, and TK-004 which were previously authorized under Permit by Rule Registration Number 46496.

* 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 _____