

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 31811

This table lists the maximum allowable emission rates for all sources of air contaminants covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		
			lb/hr	TPY	
(4)					
All Stacks	Sitewide	VOC		95.07 (5)	
		Non-Reactive VOC		92.40	
		Inorganics	90.85		
		NO _x	89.80 (5)		
		PM	7.48 (5)		
		CO	93.30 (5)		
		SO ₂	12.26 (5)		
B-1-6	Boilers	VOC (6)	1.58	5.05	
		NO _x (6)	44.39	50.60	
		PM (6)	4.44	6.98	
		CO (6)	24.13	77.11	
		SO ₂	(6)	15.76	2.38
TO-1-3	Thermal Oxidizers	VOC	0.04	0.07	
		NO _x	1.69	3.21	
		PM	0.06	0.10	
		CO	5.77	10.51	
		SO ₂	0.11	0.19	
	Sitewide	Single HAP		8.00	
Combined HAP			20.00		

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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) Reactive VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code (30 TAC) § 101.1.
Non-Reactive VOC - volatile organic compounds specifically excluded from the definition of VOC as defined in 30 TAC § 101.1
 - Inorganics - non-organic compounds
 - PM - particulate matter, suspended in the atmosphere, including PM₁₀.
 - SO₂ - sulfur dioxide
 - CO - carbon monoxide
 - NO_x - total oxides of oxygen
 - HAP - hazardous air pollutant as identified in Title 40 Code of Federal Regulations Part 63, Subpart C
- (4) Rate is for a rolling 12 consecutive months.
 - (5) Sitewide totals include products of combustion from Boilers EPNs B-1-6 and Oxidizers EPNs TO-1-3. Emission rates from EPNs B-1-6 and EPNs TO-1-3 shall not be summed to EPN All Stacks to obtain total sitewide allowables.
 - (6) Emission rates include 720 annual hours for B-1-3 and 720 hours for B-4-6 of diesel or No. 2 fuel oil firing.

Dated November 22, 2005