

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 31811

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>	
			lb/hr	TPY (4)
All Stacks	Sitewide	VOC		167.26 (5)
		Non-Reactive VOC		185.48
		Inorganics		110.92
		NO _x		225.82 (5)
		PM		34.93 (5)
		CO		207.76 (5)
		SO ₂		17.73 (5)
B-1 through 6	Boilers (Natural Gas)	VOC	0.32	1.39
		NO _x	1.75	7.67
		PM	1.21	5.30
		CO	5.73	25.10
		SO ₂	0.27	1.19
B-1 through 6	Boilers (Diesel)	VOC (6)	2.79	1.00
		NO _x (6)	0.11	0.04
		PM (6)	1.12	0.40
		CO (6)	11.16	4.02
		SO ₂ (6)	10.38	3.74
GEN-1 through 12	Generators	VOC	44.99	1.35
		NO _x	632.86	18.99
		PM	15.10	0.45
		CO	74.44	2.23
		SO ₂	394.89	11.85
SITEWIDE		Individual HAP		7.73 (7)
		Combined HAP		11.02 (7)

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- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names.
- (3) Reactive VOC - volatile organic compounds (VOC) as defined in Title 30 Texas Administrative Code § 101.1 (30 TAC § 101).
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 and PM_{2.5}
PM₁₀ - particulate matter equal to or less than 10 microns in diameter
PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
SO₂ - sulfur dioxide
CO - carbon monoxide
NO_x - total oxides of nitrogen
HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or 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, Emission Point Nos. (EPNs) B-1 through 6; Concentrators/Oxidizers, EPNs TO-1 through 4; and Generators, EPNs GEN-1 through 12. Emission rates from EPNs B-1 through 6, EPNs TO-1 through 4, and EPNs GEN-1 through 12 shall not be summed to EPN All Stacks to obtain total sitewide allowables.
- (6) Emission rates include 720 annual hours for B-1 through 3 and 720 hours for B-4 through 6 of diesel or No. 2 fuel oil firing.
- (7) Individual and Combined HAP emission limits are sitewide caps and include all sources, whether specifically covered under this permit or through other authorizations (i.e., permit by rule, etc.).

Dated October 15, 2009