

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		122.50 (5)
		Non-Reactive VOC		143.82
		Inorganics		156.81
		NO _x		177.56 (5)
		PM		12.05 (5)
		CO		212.33 (5)
		SO ₂		12.76 (5)
B-1 through 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 though 4	Thermal Oxidizers	VOC	0.08	0.22
		NO _x	2.96	8.79
		PM	0.11	0.31
		CO	10.23	30.05
		SO ₂	0.20	0.59
GEN-8 through 11	Generators	VOC	4.41	0.13
		NO _x	158.62	4.76
		PM	2.10	0.06
		CO	19.22	0.58
		SO ₂	0.06	<0.01
SITEWIDE		Single HAP		9.90 (7)
		Combined HAP		20.00 (7)

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

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- (2) Specific point source names.
- (3) Reactive VOC - volatile organic compounds 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, Thermal Oxidizers EPNs TO-1 through 4, and Generators EPNs GEN-8 through 11. Emission rates from EPNs B-1 through 6, EPNs TO-1 through 4, and EPNs GEN-8 through 11 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) Single and Combined HAP emission limits are sitewide caps and include all sources, whether specifically covered under this permit or through other authorizations (ie. permit-by-rule, etc.).

Dated July 14, 2008