

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 2339A

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**
263	Emergency Generator (500 kW)	NO _x	23.25	0.58
		CO	5.01	
		SO ₂	1.54	
		PM ₁₀	1.65	
		VOC	1.85	
354	Emergency Generator (750 kW)	NO _x	31.16	0.78
		CO	6.71	
		SO ₂	2.06	
		PM ₁₀	2.21	
		VOC	2.48	
EGEN-3	Emergency Generator (1,000 kW)	NO _x	41.85	1.05
		CO	9.02	
		SO ₂	2.77	
		PM ₁₀	2.97	
		VOC	3.33	
302	Emergency Vent Scrubber	Cl ₂	0.18	0.09
304	Elephant Truck Scrubber	Cl ₂	0.92	0.01
351	Asbestos Baghouse	Asbestos	0.01	0.01
356	East Drying Oven	VOC	0.74	0.19
357	West Drying Oven	VOC	0.74	***
120	Fugitives (4)	Cl ₂	0.22	0.94

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303	CVS After Scrubber	Cl ₂	1.55	0.38
110	Chlorine Recovery Fugitives (4)	Cl ₂	0.16	0.68
130	Loading Area Fugitives (4)	Cl ₂	0.19	0.85
300	60" Hydrogen Stack	PM ₁₀	0.03	0.03
301	10" Hydrogen Stack	PM ₁₀	0.03	0.03
135	Chlorine Sniff Scrubber	Cl ₂	0.03	0.13
		HCl	0.02	0.09

(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 an area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM₁₀ - particulate matter (PM) 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.

CO - carbon monoxide

Cl₂ - chlorine

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

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

** Compliance with annual emission limits is based on a rolling 12-month period.

*** Annual allowable emissions for EPN 357 are included in EPN 356.

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			<u>lb/hr</u>	<u>TPY**</u>

Dated May 19, 2005