

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 21553

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 **
92-1A	Boiler	CO	0.10	0.43
		NO _x	0.12	0.52
		PM ₁₀ 0.01	0.04	
		SO ₂		0.01
		0.01		
		VOC	0.01	0.03
92-1B	Boiler	CO	0.10	0.43
		NO _x	0.12	0.52
		PM ₁₀ 0.01	0.04	
		SO ₂		0.01
		0.01		
		VOC	0.01	0.03
92-1C	Boiler	CO	0.10	0.43
		NO _x	0.12	0.52
		PM ₁₀ 0.01	0.04	
		SO ₂		0.01
		0.01		
		VOC	0.01	0.03
92-2	Flare	CO	4.07	17.84
		HBr 0.09	0.03	
		HCl 0.07	0.02	
		HF 0.04	0.02	
		HI 0.02	0.01	
		NO _x 1.02	4.48	
		VOC	21.35	18.52
92-3	Wash Rack	Inorganics	10.17	0.57

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			lb/hr	TPY **
		VOC	19.66	3.32
92-4	Diesel Tank	VOC	0.36	0.01
92-5	First Rinse Tank	VOC	0.19	0.19
92-6	Wastewater Tank 1	VOC	0.09	0.12
92-7	Wastewater Tank 2	VOC	0.09	0.12
92-8	Wastewater Tank 3	VOC	0.09	0.12

(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) CO - carbon monoxide
 HBr - hydrogen bromide
 HCl - hydrogen chloride
 HF - hydrogen fluoride
 HI - hydrogen iodine
 NO_x - total oxides of nitrogen
 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.
 SO₂ - sulfur dioxide
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

* 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

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

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

Dated March 15, 2004